

GOWAN SEED
COMPANY

2021

*Commercial
Vegetable
Seed Catalog*





Hello from Gowan Seed Company!

As we head into our 2nd year in the Eastern US, we are very excited to share this journey with you, our valued customers and we sincerely appreciate your business.

Gowan Seed Company has a long history of product development and we put forth those same efforts in the Eastern US expansion. Over 1000 trials were conducted in all seasons, in all soils, and in all weather. As a result, we have over 55 new and exciting varieties to offer you this year for a great 2021 season.

We extend our gratitude to all of our seed suppliers for putting their trust in Gowan Seed Company! We have added several new suppliers for 2021 so you will have even more varieties to choose from.

We are thankful for the opportunity to meet you, walk fields with you, and most importantly, learn with you. 2020 presented many unforeseen challenges, but the agriculture community is strong and resilient, and at Gowan Seed Company we believe in long-term customer relationships. We look forward to listening to your concerns, finding solutions, providing variety recommendations, delivering your seed on time, and most of all, celebrating your success with you.

We have a passion for agriculture and a passion for the dirt! We intend to keep our boots muddy and to keep focus where it all starts, with the seed!

We kindly request you contact us to answer any questions, consult about your seed needs, and place your order today with our experienced seed consultants or sales coordinators. Your continued success is our top priority.

On behalf of all the Gowan Seed Team,

We thank you for your business!

Chris Roberts
Eastern Division Lead
Gowan Seed Company

Grow with Confidence, Grow with Gowan!

www.gowanseed.com

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ORDERING

Seed Consultant

Email or Call your Seed Consultant above within your region.

Sales Coordinator

Email, Call, or Fax your Sales Coordinator above within your region.

Mail Order Form – Page 119-120

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PRICES

- Prices are subject to change without notice.
- All payments must be paid in U.S. funds only.
- Price List Product Form Codes Below:

Code	Product Form
Cr	Cruiser
F300	FarMore F300
FI400	FarMore FI400
FI500	FarMore FI500
Film	Filmcoat
Pel	Pelleted
Pr	Primed
Trt	Thiram or Similar
Unt	Untreated

PAYMENTS

- Acceptable forms of payment include credit card (Visa, MasterCard, American Express, and Discover), check, money order, wire transfer, John Deere Financing, and cash.
- Terms can be established once a credit application has been completed, returned, and approved (see credit application on pages 117-118).
- Please remit invoice/statement payments to:
Gowan Seed Company, PO Box 190, Chualar, CA 93925
- Past-due accounts will be charged with a finance fee of 1.25% per month (15% per annum) if not paid within the terms of sale.

SHIPPING

We will ship via Truck, UPS, or USPS free of charge. However, if you want your order expedited freight charges will apply or if noted otherwise on custom quotes.

RETURNS

- Seeds are "live" organisms that are constantly aging and will eventually die. For the protection of our customers, we cannot resell seed that has been returned. Once seed has left our facility, we have no control over the conditions those seeds are stored or shipped under. Therefore, seed returns are not acceptable.
- Please go through your seed order upon delivery to confirm it's accurate. Count packages and pieces to make sure nothing is damaged or missing. We do not accept any returns for any reason other than an error on our part with filling your order. In the event of an error, please contact your sales representative within 15 days of receipt to get approval for return.
- Special order items may not be returned for any reason.
- No open containers or packages will be accepted.
- We are unable to accept any returns from Canada due to international conveyance requirements.

VARIETY DESCRIPTIONS AND ILLUSTRATIONS

Variety descriptions, days to maturity, and images in this catalog have been prepared as a guideline only. They are provided for comparison purposes to help you plan your crop program and can be expected to vary to some degree depending upon location, soil type, climate conditions, crop management practices, pest or pathogen presence, and other uncontrollable factors that may affect the expected performance. Descriptions in the catalog are the result of favorable growing conditions and identical results are not guaranteed.

THANK YOU TO OUR PARTNERS!



BEJO'S TOMATO DIVAS



B-3353 F1

B-3353 is a new TSWV resistant Fresh Market tomato variety widely adapted for the East Coast U.S. It has a strong determinate plant with a continuous yield of attractive large to extra-large fruits with clean blossom ends and deep crimson interior. A great variety for multiple packs! HR: Va, Fol (1,2), TSWV, For IR: TYLCV

JOLENE F1

JOLENE is a new introduction for the Southeast. A standout in Florida, but also performs well in NC, SC, TN, and VA. It produces attractive large to extra-large fruits with deep dark interior on a determinate plant. Early maturing, fruits are firm with a clean blossom end and uniform smooth shoulders. JOLENE is suitable for mature green or vine ripe production. HR: Va, Fol (1,2), TYLCV, For



MOUNTAIN GEM F1

New late blight, TSWV resistant crimson hybrid from Dr. Randy Gardner, NCSU professor emeritus. Vigorous determinate plant bears high quality, deep oblate to flattened globe shaped firm fruit. High yielder with extra-large fruit and clean blossom ends. For market growers and commercial production. HR: Va, Fol (1,2), ToMV, Pi, TSWV

CROPALYSER: THE APP TO ANALYSE YOUR CROP!



DOWNLOAD

BEJO VEGETABLES

Bejo Seeds offers a full line of processing and fresh market vegetable seeds for the professional grower and discriminating home gardener! Bejo's breeders focus on strong root systems, optimum nutrition, enhanced disease resistance, and outstanding flavor.

Bejo is a family-owned company with worldwide operations, and is the world's largest producer of True Organic Hybrid Seed. Bejo maintains organic breeding programs which are regionally and locally focused.

See the full Bejo assortment, including 120 organic varieties, at bejoseeds.com

Exploring nature never stops

Bejo Seeds, Inc.

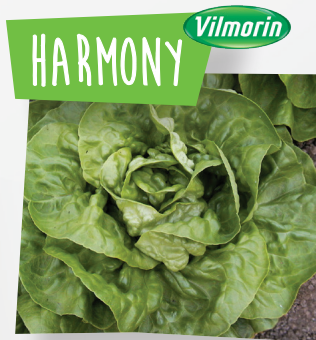
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CLOSER TO YOU**

VILMORIN-MIKADO BRINGS
INNOVATION TO FARMING



**NADIA F1
MEGAL F1**



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Vilmorin is a brand of Vilmorin-Mikado Business Unit

Limagrain

US Agriseeds®

Cultivating Global Health™



Super Max

- Outstanding Monoecious Pickling Cucumber with high yield potential and resistance to PRSV, WMV, ZYMV & CMV. High quality fruit are uniform in shape with small seed cavity, dark green color and crisp texture.
- This variety has a very vigorous plant which matures 40 to 45 days to first pick. It is ideal for fresh market and also well suited where pickles are sold for processing.



Jedi

- Vigorous, continuous set type plant producing large, classy, smooth, glossy dark green fruit with thick walls.
- Size averages 4.0-4.5 inches
- This variety is noted for its excellent yield, high quality fruit and BLS 1-3 resistance.

VOLOAGRI
A Family of Brands



Redefining the seed industry



Regulator F1

Regulator is an attractive, widely adaptable variety. This variety produces a high percentage of four-lobed fruit and will maintain size throughout the growing season. The growing area for Regulator is the Eastern USA both in main season, spring and fall. With the grower in mind, Regulator features a strong plant with good cover and great fruit uniformity.

Resistances:

HR: Xcv:1-10/Tm:0 | IR: TSWV:0



NEW | Summerhaven F1

(E15B.70042)

Summerhaven produces extra-large fruit and offers a highly-marketable yield. With the grower in mind, this variety offers strong plant vigor, excellent plant cover, as well as outstanding shipping capabilities. Summerhaven is a widely-adaptable variety with an impressive resistance package, fit for the main growing seasons.

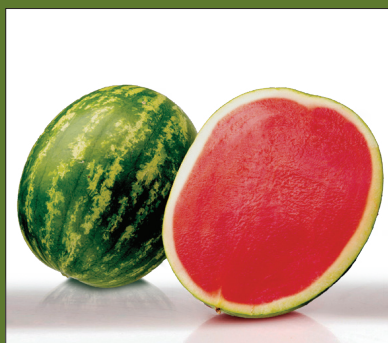
Resistances: HR: ToANV/Va:0/Fol:0-2/
For | IR: TSWV/TYLCV



Hitman F1

Hitman is an open field Poblano pepper that has an attractive dark green, glossy color. The well-covered plant provides protection for the fruit from the sun and produces high yields of uniformly large, dark green fruit. Its medium early maturity and high percentage of large 2 lobe peppers, make this an excellent choice for growers throughout the Eastern US.

Resistances: HR: Tm:0



Red Amber

(E26C.00036)

Red Amber has a strong, vigorous plant that produces a uniform set of high quality oval fruit. The first flesh has a crisp texture with a very dark red color that contrasts well with the white rind. The exterior boasts an attractive medium green background and medium dark green stripe. Averaging 16-20 lbs, the fruit mature in approximately 89 days.

Resistances: IR: Fon0,1/Co1



Cash Machine F1



Cash Machine produces very high-quality, medium-dark green zucchini with light flecking and a small blossom scar. Cash Machine fruits are easy to harvest thanks to the open plant habit.

Resistances:

IR: Px/ZYMV/WMV/PRSV



Winterhaven 163 F1



With its strong vigor and desirable plant architecture, Winterhaven is a mature green determinate variety that is adapted to withstand cooler weather conditions. Its strong disease resistance package sets it apart from the competition.

Resistances: HR: ToANV/Va:0/Vd:0/
Fol:0-2 | IR: TSWV/TYLCV

Varieties with the  are available in organic form.



HIGH PERCENTAGE
OF STEMS

LEADING IN
HEAT TOLERANCE

EFFICIENT
HARVESTABILITY

PV857[®] Beat the heat

That is exactly why Pop Vriend Seeds is the pioneer and specializes in global bean breeding. We developed the 'beat the heat' range to be the leader under all conditions. This proven program of current heat tolerant bean varieties was specifically developed for the various Eastern US conditions and offers the best harvest assurance. PV857 covers all your needs on disease resistance and quality.

OFFICIAL DEALER



FOR MORE INFORMATION
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WLIGGITT@POPVRIENDSEEDS.NL

Leading The Way



Pursuit

Pursuit is a bi-color, TripleSweet variety with improved insect resistance from the Attribute® II trait stacks. Pursuit also offers beneficial herbicide tolerance and gives growers another option for harvesting outstanding yields of high-quality sweet corn that meets market demand.



Outlaw

An upright bush style variety for the fresh market, Outlaw produces concentrated sets of dark, glossy, straight pods and is widely adapted to many growing regions. Disease Resistance, HR: BCMV



Crave

A Glacial bi-color type, Crave sweet corn offers a great husk package, large ear size and excellent eating quality that both growers and consumers will crave. This sh2 variety is well-adapted to many corn growing regions.



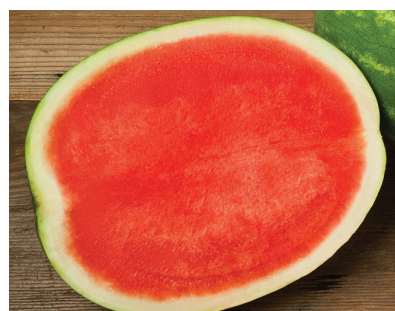
Spineless Supreme

Spineless Supreme produces high gloss fruit with a classic Spineless Beauty appearance and offers the added benefit of an improved disease and virus resistance package for high yield potential.



Sirius

Sirius is a high-quality, Crimson Sweet-striped personal size seedless watermelon with a medium thick rind and intermediate resistance to Fusarium wilt race 1. Sirius produces medium-large, globe-shaped fruits with red flesh and small to medium pip size.



Excursion

An early to mid maturing seedless variety, Excursion performs well even in challenging conditions to meet market demands. It produces large, oval-shaped fruit with deep red flesh that mature up to seven days earlier than the current standard varieties.

For more information on these or other Syngenta Varieties, visit **SyngentaUS.com/Vegetables**

syngenta®

*For complete disease resistance information, please visit www.SyngentaUS.com/vegetables. Photos are either the property of Syngenta or used under agreement.

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®

BEANS

GREEN BUSH

Item #	Variety	Days (DS) ↓	Pod Length/ Shape	Pod Color	Seed Color	Market Use	Resistance/ Tolerance	Features
85264	DESPERADO	53	5.5", Round	Medium Dark Green	Brown	Fresh Market	HR:BCMV	Excellent cold soil vigor for early sowings. Robust variety with high yield potential.
84663	PV-857	53	5.5", Round	Dark Green	White	Fresh Market	HR:BCMV, CI, IR:Ua	Very good heat setting variety. 3-4 sieve size pods set high in the bush for clean harvest and excellent recovery.
83145	STAR 2007	55-60	5.5", Round	Medium Green	White	Fresh Market, Processing	HR:BCMV, Ua, IR:Psp	Excellent yield potential on robust plants with medium, upright frame. High quality pods with a concentrated set ideal for fresh market and processing.
85261	OUTLAW	57	5.2", Round	Dark Green	White	Fresh Market	HR:BCMV	Attractive dark green color with excellent seed quality and germination. Versatile across growing regions. Average sieve size is 3.8. Machine harvest.
69077	HOMERUN	58	6-7", Round	Dark Green	White	Fresh Market	HR:BCMV	Great taste! Performs well in warmer climates. Tall, erect bush produces straight, shiny dark green pods. High percentage of 4 sieve pods, suitable for multiple hand-pick harvests.
84700	JADE II	60	6.5", Round	Dark Green	White	Fresh Market	HR:BCMV, BCTV, Ua	Exceptional sweet flavor and tenderness. Upright structure minimizes curling and tip rot.



DESPERADO



PV-857



STAR 2007



OUTLAW



HOMERUN



JADE II

FRENCH FILET

Item #	Variety	Days (DS)	Pod Length/ Shape	Pod Color	Seed Color	Market Use	Resistance/ Tolerance	Features
79643	GRENADA	58	6.5", Round, Slender	Dark Green	White	Fresh Market	HR:Pss, IR:BCMV, CI, Psp, Ua	Very fine 2 sieve size pods. Very classy, dark green color, slow seed development and excellent disease package.



GRENADA

The Benefits of Cruiser® Treatment for Bean Seeds



Gowan Seed offers Cruiser seed treatment as our standard treatment for bush beans

- Proven to increase plant stands, uniformity and vigor, and improve yield potential
- Provides excellent activity against a broad spectrum of insect pests
- Reduces stress on young seedlings
- Helps optimize seeding rates by protecting every seed to ensure plant establishment
- Easy to use and conveniently delivered on the seed, eliminating the need for any additional handling

PURPLE BUSH

Item #	Variety	Days (DS) ↓	Pod Length/ Shape	Pod Color	Seed Color	Market Use	Resistance/ Tolerance	Features
84664	IMPROVED PURPLE QUEEN	53	6", Round	Dark Purple	Beige	Fresh Market		Sturdy plant with straight, smooth, stringless dark purple pods that turn green when cooked.

YELLOW BUSH

84666	GOLDBLOCKS	52	5-6", Round	Yellow	White	Fresh Market, Shipping	HR:BCMV, CI, Pss, T:Heat	Big yields and a strong disease resistant upright plant. The 3-4 sieve size pods are attractive, straight, and smooth.
84665	GOLDEN GOAL	56	5-6", Round	Yellow	White	Fresh Market, Shipping	HR:BCMV	Larger sieve size expected (4/5) with this excellent quality wax bean. Concentrated setting on a tall, upright plant. Productive.



IMPROVED PURPLE QUEEN



GOLDBLOCKS



GOLDEN GOAL

ROMANO BUSH

Item #	Variety	Days (DS) ↓	Pod Length/ Shape	Pod Color	Seed Color	Market Use	Resistance/ Tolerance	Features
83558	GREEN CROP	52	7", Flat	Medium Green	White	Fresh Market		A bush type plant version of Kentucky Wonder. Very long, flat pods with excellent flavor.
84667	NAVAJO	55	5.5-6", Flat	Medium Dark Green	White	Fresh Market, Processing	HR:CI	Great color and flavor. Upright plants produce high yields of very high quality 3/4" wide, straight, long pods.

SPECIALTY

84081	STATE HALF RUNNER	52	4-5"	Silver Green	White	Fresh Market	T: Heat, Drought	Delicious, stringless, silvery green and flattened beans with high yields. Use the pods fresh, frozen or canned. Heat and drought resistant.
84668	FORDHOOK 242 Lima	79	3.5-4", Thick, Broad	Medium Dark Green	Green	Fresh Market		AAS Winner! Good pod set. Very productive and great for hand harvesting.



GREEN CROP



NAVAJO



STATE HALF RUNNER



FORDHOOK 242

Call us today to place your seed order!
(see page 1 for details)

BEANS • BEETS

BEANS PRICING						
Item #	Variety	Code pg 3	Price Per M or LB		M=1000 Seeds	
GREEN BUSH			10 M	80 M	800 M	4000 M
85264	Desperado	Cr	3.09	2.90	2.80	2.71
69077	Homerun	Cr	3.06	2.85	2.80	2.69
84700	Jade II	Cr	3.59	3.35	3.25	3.15
85261	Outlaw	Cr	3.07	2.90	2.80	2.69
85935	Prevail	Cr	3.11	2.90	2.85	2.73
79247	PV-857	Trt	2.88	2.70	2.65	2.53
84663	PV-857	Cr	3.03	2.85	2.75	2.66
83145	Star 2007	Cr	3.41	3.20	3.10	2.99
FRENCH FILET				1 lb	5 lb	25 lb
79643	Grenada	Trt	3.19	3.00	2.90	2.80

BEETS

HYBRID								
Item #	Variety	Days (DS) ↓	Interior Color	Root Shape	Top Height	Primary Use	Resistance/Tolerance	Features
84287	CAMARO	50-55	Dark Red	Round	12-13"	Fresh Market, Processing		Good root quality, uniform size and shape. High marketable yield. Smooth skin, good internal and external color.
62130	BORO	51	Dark Red	Round	12"	Fresh Market, Pickling	IR:Cb	Excellent for baby beets when harvested prior to full maturity. Fancy color and smooth skin. Refined leaf attachment.
84349	KESTREL	53	Dark Red	Round	12-13"	Fresh Market, Baby		Shapes early into a dark red round root with a small crown attachment, and refined tap root. Great for bunching.
44491	RED ACE	53	Dark Red	Globe	12-13"	Fresh Market, Processing		Early maturing, consistent, and uniform high yields. Full globe shape with a smooth tap root.
46145	RED CLOUD	53	Deep Red	Round	14"	Fresh Market, Processing		Smooth round roots that are not only attractive and productive but have an elevated sweet taste.
65402	MERLIN	55	Dark Red	Round	15-17"	Fresh Market, Bunching		Extremely uniform, round shape, high yielding and very high sugar content (15-17%). Taste the difference!
22373	MONETA	55	Dark Red	Round	14"	Fresh Market		Monogerm seed. Only one embryo per seed means no thinning and more uniform size and shape. Smooth, deeply colored roots with medium tops. Good bolt resistance.



CAMARO



BORO



KESTREL



RED ACE



RED CLOUD



MERLIN



MONETA

OPEN POLLINATED

Item #	Variety	Days (DS) ↓	Interior Color	Root Shape	Top Height	Primary Use	Features
84396	BULL'S BLOOD	35 Tops	Dark Red	Round	12-13"	Fresh Market, Processing	Deep reddish purple leaves. Used only for the tops. The best color exhibited under cool conditions.
64510	TOUCHSTONE GOLD	54	Gold	Round	12-14"	Fresh Market	Uniform, round with smooth orange skin and bright golden interior. Golden color is retained when cooked.
84164	AVALANCHE	55	White	Round	12"	Fresh Market	AAS Winner! "This beet has made me a believer!" Mild, sweet taste with a uniform root shape and solid white color. Unique for its appearance and remarkable flavor.
59330	CHIOGGIA GUARDSMARK	60	Purple, White Zones	Globe	10"	Fresh Market	For fresh market and specialty growers and for those who say they do not like the taste of beets. Interior purple/white target pattern. Short tops.
84399	DETROIT DARK RED	65	Dark Red	Globe	15"	Fresh Market, Processing	Adaptable standard variety with dark red color, dull green tops and overall less refined size, shape and tap root than hybrid varieties.



BULL'S BLOOD



TOUCHSTONE GOLD



AVALANCHE



CHIOGGIA GUARDSMARK



DETROIT DARK RED

BEETS PRICING

Item #	Variety	Code pg 3	Price Per M or LB		M=1000 Seeds	
			10 M	50 M	500 M	1000 M
84164	Avalanche	Trt	2.30	2.13	1.98	1.90
62130	Boro	Trt	1.48	1.37	1.27	1.22
84287	Camaro	Trt	1.03	0.95	0.88	0.85
59330	Chioggia Guardsmark	Trt	1.54	1.42	1.32	1.27
84349	Kestrel	Trt	1.13	1.05	0.97	0.94
65402	Merlin	Trt	1.13	1.05	0.97	0.94
22373	Moneta	Trt	2.02	1.87	1.74	1.67
44491	Red Ace	Trt	1.13	1.05	0.97	0.94
46145	Red Cloud	Trt	1.19	1.10	1.02	0.98
64510	Touchstone Gold	Trt	2.94	2.72	2.53	2.43
			1 lb		5 lb	25 lb
84396	Bull's Blood	Trt		18.90	17.85	17.00
84399	Detroit Dark Red	Trt		9.25	8.75	8.30

Product Development

Product Development at Gowan Seed Company continues to work hard for you throughout the year. We conduct thousands of variety trials throughout North America annually. Chances are we have trials very close to where many of you farm. We select the best proven varieties that will enhance your farming operation and benefit you, our valued customer.

Our Seed Consultants (page 1) have the experience, knowledge, passion for agriculture and are dedicated to solve your problems and work for you. They can fine tune a specific variety program for your farm and market needs. Please call them today!

BROCCOLI

HYBRID

Item #	Variety	Days (TP) ↓	Head Traits	Harvest Season	Features
48562	EMERALD CROWN	62	Semi-Domed, Small Beads	Summer, Fall	Extends well into the cool season, excellent quality. No purpling.
32309	GREEN MAGIC	65	High Domed, Medium-Small Beads	Spring, Fall	Mid-early variety well adapted and is a multi-use variety. Small beads and good plant habit.
75859	EASTERN CROWN	67	Domed, Small Beads	Spring, Summer, Fall	An outstanding variety for the East Coast. Excellent heat tolerance. Small beads, blue-green color.
EVRS	EVEREST	68	Domed, Small Beads	Late Summer, Fall	Produces crisp deep blue-green 6" heads for late Summer/Fall harvest. Continues to grow during cold periods when other varieties slow down.
41937	IMPERIAL	80	Semi-Domed, Small Beads	Summer, Fall	A variety that performs well with moderate day and night temperatures. Bunch, crown or for processing.

BROCCOLI RAAB

Item #	Variety	Days (DS)	Plant Traits	Color	Features
16489	SORRENTO	40-50	Tall, Upright Plant	Blue-Green	Fast growing, early-maturing that is well suited for fall or later winter growing slots. Uniform large florets with narrow turnip-shape leaves. Low bolt tolerance. Perfect for fresh market or home gardeners.



EMERALD CROWN



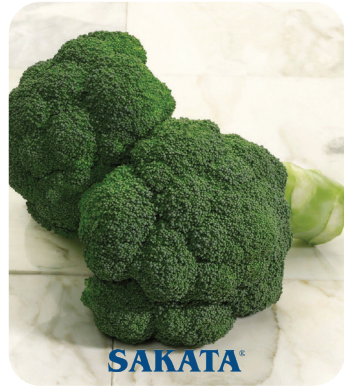
GREEN MAGIC



EASTERN CROWN



EVEREST



IMPERIAL



SORRENTO

BROCCOLI PRICING

Item #	Variety	Code pg 3	Price Per M or LB		M=1000 Seeds		
HYBRID			2.5 M	10 M	50 M	100 M	500 M
75859	Eastern Crown	Trt	11.46	10.60	9.58	8.87	8.55
48562	Emerald Crown	Trt	10.16	9.40	8.49	7.86	7.58
EVRS	Everest	Trt	8.19	7.58	6.84	6.34	6.11
32309	Green Magic	Trt	8.56	7.92	7.16	6.63	6.39
41937	Imperial	Trt	9.33	8.63	7.80	7.22	6.96
BROCCOLI RAAB					1 / 4 lb	1 lb	5 lb
16489	Sorrento	Trt			17.80	53.00	49.50



Grow with Confidence, Grow with Gowan!

HYBRID

Item #	Variety	Days (TP) ↓	Plant Height	Sprout Size/Shape	Resistance/Tolerance	Features
84392	JADE CROSS	90	25-30"	0.75-1", Round		AAS Winner! Very early maturing, widely adapted and consistent performance.
63949	MARTE	103	30"	1.5-2", Round		Easy to grow and adaptive to plant densities. Short internodes and high productivity of uniform round, firm, tasty sprouts.
44587	CONFIDANT	120	25.6"	1.26"	HR:Foc:1	Uniform shape, tight dark green sprouts with a mild taste. Compact plant with high yields.



JADE CROSS



MARTE



CONFIDANT

BRUSSELS SPROUTS PRICING

Item #	Variety	Code pg 3	Price Per M M=1000 Seeds				
HYBRID			500 sds	1 M	10 M	50 M	100 M
44587	Confidant	Trt	13.20	21.25	19.05	17.85	16.99
84392	Jade Cross	Trt		9.10	8.15	7.65	7.27
63949	Marte	Trt	13.95	22.45	20.15	18.85	17.95

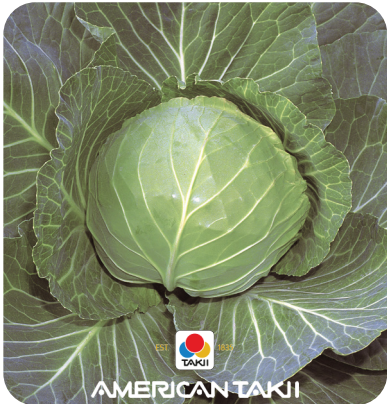
CABBAGE

GREEN | HYBRID

Item #	Variety	Days (TP) ↓	Color	Head Size/Shape	Market Use	Resistance/Tolerance	Features
84551	BOURBON	65	Green	3.5-5 lbs., Round	Fresh Market		Early maturing variety well suitable for early cropping. Strong against bolting and cracking.
69041	QUICK START	65	Medium Green	3 lbs., Round	Fresh Market	IR:Foc	Early maturing with round solid heads and short core.
84550	ACCLAIM	75	Blue-Green	Large, Round	Fresh Market	IR:Foc, T:Heat	Large solid heads. Works best from cool to warm season harvest.
76246	TOPMA RZ	75-85	Blue-Green	3.3-7.7", Round	Fresh Market	HR:Foc:1	Uniform round blue-green heads with usable wrapper leaves. Medium sized, strong frame with good field holding capability. Proven performance.



BOURBON



QUICK START



ACCLAIM



TOPMA RZ

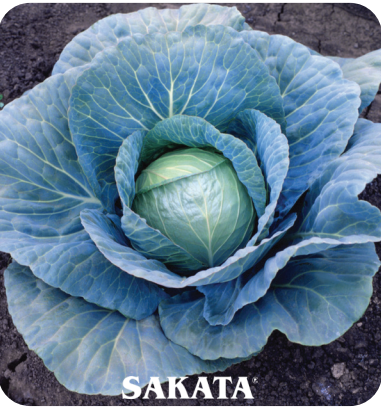
CABBAGE

GREEN | HYBRID

Item #	Variety	Days (TP) ↓	Color	Head Size/ Shape	Market Use	Resistance/ Tolerance	Features
44539	BLUE VANTAGE	80	Blue-Green	3-4 lbs., Round	Fresh Market, Processing	HR:Foc:1, T:Tip Burn	Large dense heads and a short core. A standard variety for shipping but great for local fresh markets and for slaw.
80821	XTREME VANTAGE	80	Blue-Green	Round	Fresh Market, Processing	HR:Foc, IR:Xcc, T:Tip Burn	Very good uniformity in the field with a good disease package. Strong resistance to black rot and strong tolerance to tip burn.
84552	CHEERS	80-85	Blue-Green	5 lbs., Round	Fresh Market, Processing	HR:Foc, IR:Xcc	Uniform, large solid blue-green heads with a short core and good wrap.
67310	GRAND VANTAGE	80-85	Blue-Green	5-6 lbs., Round	Fresh Market	HR:Foc:1	Strong frame, tight wrapper leaves and excellent holding ability. Attractive, round, dense solid heads.
77097	SUPERSTAR	85	Dark Green	4-5 lbs., Round	Fresh Market	HR:Foc, IR:Xcc	Fancy, dense head with blue-green leaves. Uniform, reliability, and widely adapted. Used for boxing and has good holding ability in field and after harvest.
65649	TAURUS	105	Blue-Green	5-9 lbs., Round-Flat	Fresh Market, Processing	HR:Foc, IR:Xcc	Vigorous plant, large blue-green round to flattened heads. Tremendous yield potential for processing kraut or slaw.
84553	PROMISE	105-110	Dark Green	Large, Round	Fresh Market, Processing	HR:Foc	Plant habit supports medium-large heads with minimal lodging. Harvest early for fresh market, hold for processing (short cores).

GREEN FLAT | HYBRID

Item #	Variety	Days (TP)	Color	Head Size/ Shape	Plant Type	Features
83582	PRIME TOP	60-65	Medium Green	8", Flat	Smaller Framed	Early maturing with excellent taste and suitable for mid Spring or late Summer sowings.



BLUE VANTAGE



XTREME VANTAGE



CHEERS



GRAND VANTAGE



SUPERSTAR



TAURUS



PROMISE



PRIME TOP

RED | HYBRID

Item #	Variety	Days (TP) ↓	Color	Head Size/ Shape/ Count	Market Use	Resistance/ Tolerance	Features
84554	ROADIE	65-67	Red	3-5 lbs., Round, 18-24 Count	Fresh Market	HR:Foc	Early with great vigor and heat tolerance. High resistance to Fusarium. Suited for many climate zones.
88311	SCARLET KING	70	Deep Purple-Red	Round	Fresh Market		Excellent quality and flavor. Uniform, compact plant type. Round head has excellent color, thick tender leaves and a short core.
77116	RED JEWEL	75	Deep Red	6.5", 3.5 lbs., Globe	Fresh Market, Processing		Uniform with high yields. Deep red color extends into interior. Short core.



ROADIE



SCARLET KING



RED JEWEL



CONGAMA RZ



SATIE



AXIOMA RZ



SUPER RED 115



LAGRIMA RZ



SUPERSTOR 112



VLADIMA RZ

STORAGE | HYBRID

Item #	Variety	Days (TP) ↓	Storage Rating	Head Size/ Shape	Plant Type	Resistance/ Tolerance	Features
84556	CONGAMA RZ	95	Short/ Medium Term	2.75-6 lbs., Balloon	Tall, Upright	HR:Foc:1	Grower friendly variety that is adaptable to growing conditions and plant densities. Green waxy head leaf color. Recommended for fresh market. 12,200-22,500 seeds per acre.
84963	SATIE	115-125	Medium/ Long Term	4.4-6.6 lbs., Round	Strong, Upright	HR:Foc IR:Xcc	Late white cabbage with a short core for medium to long term storage. Suitable for growing conditions like hot continental summers.
84555	AXIOMA RZ	120	Long Term	3.5-10 lbs., Round	Strong, Medium Tall	HR:Foc:1	Very fresh appearance coming from storage. Round, dense filled heads. 11,350-22,500 seeds per acre.
72750	SUPER RED 115	120	Long Term	5-7 lbs., Round	Strong, Upright	HR:Foc:1	Dark red color interior with attractive wrapper leaves for fresh market. Excellent processing variety due to consistent size and yield potential.
84557	LAGRIMA RZ	125	Medium/ Long Term	6-12 lbs., Balloon	Strong, Large Frame	HR:Foc:1	Strong vigorous medium height plant with 6-12 lb. heads depending on plant population. Cuts very clean out of the field. Fresh market and processing markets. Dense, fine internal head structure.
85413	SUPERSTOR 112	125	Medium/ Long Term	6-8 lbs., Round	Strong, Upright	HR:Foc:1	Great for mid to long term storage, high yielder with a vigorous upright plant habit. For best storage results, transplant a little later in the planting season.
84558	VLADIMA RZ	139	Long Term	4-8 lbs., Balloon	Strong, Medium Tall	HR:Foc:1	Intensive green color with open head well suited for fresh market. Very uniform, easy to cut and clean. Stress tolerant. 11,350-18,250 seeds per acre.

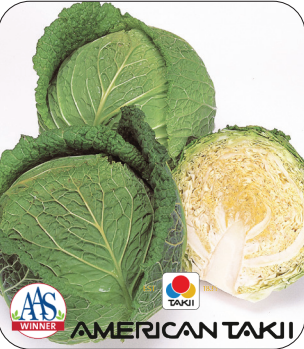
CABBAGE

SAVOY | HYBRID

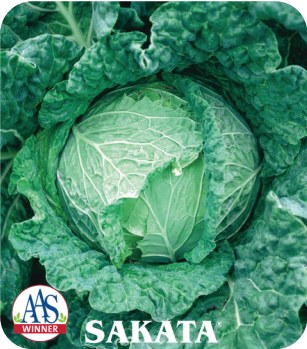
Item #	Variety	Days (TP)	Color	Head Size/ Shape/Count	Resistance/ Tolerance	Features
80611	SAVOY ACE IMPROVED	80	Deep Green	3.5 lbs., Round	T: Cold	AAS Winner! Early maturity, deep green, with fine savoy leaves. Good holding ability and widely adapted. Recommended for Fall to Winter harvest.
83432	SAVOY KING	80	Green	4.5 lbs., Round/Flat	T: Tip Burn	AAS Winner! Big, semi-flat heads with a small core. Good flavor and texture.

CHINESE (NAPA) | HYBRID

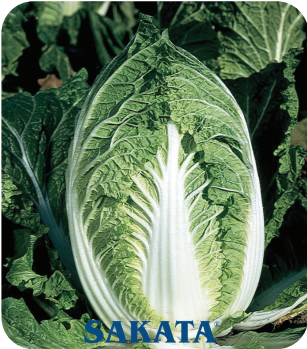
Item #	Variety	Days (TP) ↓	Head Size/ Shape	Resistance/ Tolerance	Features
32081	YUKI	67	4.5 lbs., Barrel	IR: Pb, T: BLS, Tip Burn	Great uniformity and size with extra disease resistance. Yellow interior.
60893	SPRING CRISP	75	5 lbs., Barrel	IR: Pb	Very adaptable and harvest success in all seasons. Less prone to interior pepper spots. Yellow interior with fine leaves and excellent field holding ability.
26217	MONUMENT Michihili	80	4.5 lbs., Tall Cylindrical		Tall and slender, 18" in height. Medium green outer leaves and a white interior. Crisp and flavorful.



SAVOY ACE IMPROVED



SAVOY KING



YUKI



SPRING CRISP



MONUMENT

PAK CHOI | HYBRID

Item #	Variety	Days (TP) ↓	Appearance	Resistance/ Tolerance	Features
54062	MEI QING CHOI	45	Green Petioles, Tight Vase-Like Shape	T: Bolt	Miniature type with green petioles. Tight vase like shape. Good heat and cold tolerance. Slow bolting.
48259	FENG QING CHOI	45	Green Petioles, Tight Vase-like Shape. Erect, Compact Plant	T: Bolt	Slow bolting with good plant size and a dark leaf color. Excellent holding ability and uniformity.
35603	JOI CHOI	55	Glossy, Dark Green, Erect, Broad White Stalks	T: Bolt	Glossy green leaves with broad white petioles. Easy to grow and adapted to all growing areas.



MEI QING CHOI



FENG QING CHOI



JOI CHOI

CABBAGE PRICING

Item #	Variety	Code pg 3	Price Per M	M=1000 Seeds
SAVOY			2.5 M	10 M 50 M 100 M 500 M
80611	Savoy Ace Improved	Trt	9.60	8.95 8.30 7.75 7.52
83432	Savoy King	Trt	10.30	9.60 8.90 8.30 8.05
CHINESE (NAPA)			2.5 M	10 M 50 M 100 M 500 M
BLUETR	Blues	Trt	2.75	2.60 2.40 2.25 2.15
26217	Monument - Michihili	Trt	2.55	2.35 2.20 2.05 1.97

CABBAGE & PAK CHOI PRICING

Item #	Variety	Code pg 3	Price Per M	M=1000 Seeds
60893	Spring Crisp	Trt	4.70	4.40 4.05 3.80 3.67
32081	Yuki	Trt	4.55	4.25 3.95 3.65 3.55
PAK CHOI			2.5 M	10 M 50 M 100 M 500 M
48259	Feng Qing Choi	Trt	3.85	3.60 3.30 3.10 3.00
35603	Joi Choi	Trt	3.65	3.40 3.15 2.95 2.85
54062	Mei Qing Choi	Trt	3.65	3.40 3.15 2.95 2.85

CABBAGE PRICING

Item #	Variety	Code pg 3	Price Per M		M=1000 Seeds		
GREEN			2.5 M	10 M	50 M	100 M	500 M
84550	Acclaim	Trt	6.50	6.05	5.60	5.20	5.07
44539	Blue Vantage	Trt	4.95	4.60	4.25	3.95	3.85
84551	Bourbon	Trt	6.40	5.95	5.50	5.15	4.99
85451	Celebrate	Trt	5.45	5.10	4.70	4.40	4.27
84552	Cheers	Trt	5.65	5.25	4.85	4.55	4.40
85472	Cheers	Unt	5.65	5.25	4.85	4.55	4.40
67310	Grand Vantage	Trt	7.75	7.20	6.70	6.25	6.05
86406	Grand Vantage	Trt/Pel	9.00	8.40	7.80	7.25	7.05
84553	Promise	Trt	14.95	13.95	12.90	12.05	11.71
69041	Quick Start	Trt	5.35	5.00	4.60	4.30	4.16
83593	Stellar Vantage	Trt	5.55	5.20	4.80	4.50	4.35
77097	SuperStar	Trt	7.55	7.05	6.50	6.05	5.90
65649	Taurus	Trt	12.70	11.85	10.95	10.20	9.93
86404	Taurus	Trt/Pel	13.95	13.05	12.05	11.25	10.93
76246	Topma RZ	Trt	8.75	8.15	7.55	7.05	6.83

CARROTS

Item #	Variety ↓	Days (DS)	Root Size	Tops	Market Use	Resistance	Features
81410	BOLERO <i>Hybrid Nantes</i>	Early-Mid	8"x1.75-2"	12-15", Refined	Slicer, Cello, Baby Nantes	HR:Ad, Eh, IR:Ps, Xhc, Cc	Very sweet and crisp texture. Smooth, blunt tip. Uniform size and shape.
86072	INTREPID <i>Hybrid</i>	Mid	10"x1-1.5"	13-15"	Cello, Fresh, Processing		Imperator type with long, smooth tapered bright orange roots and a crisp, sweet taste. Perfect for fresh, cello and processing applications. Strong tops.
85454	JACINTO <small>NEW</small> <i>Hybrid</i>	Mid-Late	11"x1.25"	11-13", Erect	Cello, Slicer	IR:Ad, Eh	Superior quality roots that are smooth, straight, sweet and tapered to a blunt tip. The root exterior is dark orange with an indistinct core. Strong, erect, dark green foliage with a small attachment. Excellent for fresh market cello and processing slicer. Gowan Regional Exclusive!
83941	RAINBOW BLEND		Varies	Varies	Fresh Market		A stunning mixture of colors, red, white, orange, yellow, and purple. Delicious whether eaten hot, cold, cooked or pickled. Try steaming the tender stems and leaves as an alternative to spinach or chard. Gourmet blend for specialty or farmers markets.
83394	VOLCANO <i>Hybrid</i>	Late	8-9"	13-15", Strong	Imperator, Cello, Fresh Market, Processing, Storage	HR:Eh IR:Ps, Si	Long smooth root carries to a blunt tip with an excellent attachment that is suitable for easy pulling. Healthy tops resist frost and roots bury in soil for reduced green shoulders. Capable for long storage.



BOLERO



INTREPID



JACINTO



VOLCANO



RAINBOW BLEND

CARROTS PRICING

Item #	Variety	Code pg 3	Price Per M		M=1000 Seeds	
			10 M	250 M	1000 M	5000 M
81410	Bolero	Trt/Film	1.24	0.66	0.62	0.59
86072	Intrepid	Unt	1.05	0.56	0.53	0.50
85454	Jacinto	Trt	1.05	0.56	0.53	0.50
83941	Rainbow Blend	Trt/Pel	1.95	1.04	0.98	0.93
83394	Volcano	Trt/Film	1.52	0.81	0.76	0.72

CAULIFLOWER

WHITE | HYBRID

Item #	Variety	Days (TP) ↓	Head Type	Plant Type	Harvest Season	Features
84466	CANDID CHARM	65	High Dome	Large, Semi-Erect	Spring, Fall	Widely adapted and considered a standard variety because of its consistent performance.
84474	SYNERGY	75	Dome, Dense	Large, Good Cover	Summer, Fall	Dense, firm heads suitable for fresh market or processing. Large plants ensure a good head cover. Widely adaptable for summer and fall production.
84468	SHAKARIS	75-80	Dome	Medium, Wrapping	Late Summer, Fall	Heavy and bright white with a fabulous spiraling internal wrap.
81143	TWISTER	75-80	Dense	Strong, Good Cover	Late Spring, Early Summer, Fall	Stands out with quality and beauty! Heads are tight, white and heavy with good internal wrap. Mid-maturing with very uniform harvests and flaunts near perfect appearance when grown in slot.
84471	SIERRA MADRE RZ	85-90	Large, Dense	Medium, Self Wrap	Late Summer, Fall	Ability to harvest under hotter conditions. Very large, dense white heads. Self wrapping plant to protect head.



CANDID CHARM



SYNERGY



SHAKARIS



TWISTER



SIERRA MADRE RZ

VARIOUS COLORS | HYBRID

Item #	Variety	Days (TP) ↓	Color/Head Type	Plant Type	Harvest Season	Features
80925	26-701 RZ	75-78	Green Romanesco, High Dome	Vigorous	Spring, Summer, Fall, Winter	Dark green, pointed Romanesco bred to handle the heat. Capable to harvest in any season. Strong, vigorous plant type, excellent quality curd. Exciting!
57089	VITAYERDE RZ	75	Green, Dome	Medium, Erect	Summer, Fall	Nice firm green curd. Not prone to riciness. Good vigor. Best suited to harvest from late Spring to Fall. Heavy heads are uniform in size and shape.
88207	CLEMENTINE <small>NEW</small>	70-75	Orange	Vigorous, Healthy, Reliable	Spring, Fall	Very attractive deep orange color with firm curds and excellent quality. Great for fresh and processing markets.
70197	FLAME STAR	70	Orange, Dome, Dense	Medium-Large	Spring, Late Summer, Fall,	Produces attractive, smooth domed, dense, golden-orange heads. Easy to grow. High yielding.
67522	DEPURPLE	65-70	Purple, Dome, Dense	Erect, Vigorous	Spring, Fall	Brilliant violet-purple curds 6-7 inches. Large, heavy heads that hold their color well even after being cooked.

CAULIFLOWER PRICING

Item #	Variety	Code pg 3	Price Per M M=1000 Seeds				
WHITE			1 M	10 M	50 M	100 M	
84466	Candid Charm	Trt	12.75	12.30	11.80	11.15	
84468	Shakaris	Trt	17.85	17.25	16.55	15.64	
84471	Sierra Madre RZ	Trt	13.60	13.10	12.55	11.89	
84474	Synergy	Trt	18.50	17.85	17.15	16.22	
81143	Twister	Trt	15.15	14.60	14.00	13.25	
86407	Twister	Trt/Pel	16.25	15.70	15.05	14.25	
VARIOUS COLORS			250 sds	1 M	10 M	50 M	100 M
80925	26-701 RZ	Trt	23.15	77.05	74.35	71.30	67.58
88207	Clementine	Trt	22.65	75.45	72.80	69.80	66.15
67522	Depurple	Trt	22.50	74.90	72.25	69.30	65.66
70197	Flame Star	Trt	22.50	74.90	72.25	69.30	65.66
57089	Vitaverde RZ	Trt	8.20	27.25	26.30	25.25	23.89



26-701 RZ



VITAYERDE RZ



CLEMENTINE



FLAME STAR



DEPURPLE

CELERIAC

Item #	Variety	Days	Features
48263	CISKO RZ	107	Very productive and stays white. Firm, clean root with strong celery taste. Roots are concentrated on bottom of bulb for easy cleaning.

CELERIAC PRICING

Item #	Variety	Code pg 3	Price Per M				M=1000 Seeds
			1 M	10 M	50 M	500 M	
48263	Cisco RZ	Trt/Pr/Pel	26.20	24.15	22.15	20.20	

CHICORY

Item #	Variety	Features
84458	SEMPER	A larger framed, more voluminous, improved Catalogna type chicory. Also known as Italian dandelion.

CHICORY PRICING

Item #	Variety	Code pg 3	Price Per LB		
			1 / 4 lb	1 lb	10 lb
84458	Semper	Unt	13.50	40.15	37.00

COLLARD

Item #	Variety	Days (DS) ↓	Height/Plant Type	Leaf Type	Market Use	Features
84457	FLASH Hybrid	70	Medium Tall, Upright, Open	Dark Green, Smooth	Fresh Market, Processing	Hybrid Vates type. Quick re-growth and very slow to bolt. Good for strip- ping, bunching and processing.
81400	TOP BUNCH 2.0 Hybrid	70	16-26", Tall, Upright	Lightly Savoy, Broad, Blue-Green	Fresh Market, Processing	Improved uniformity over Top Bunch. Lightly savoyed leaves are quick to regrow after cutting for stripping and bunching.
87932	TOP CHOP Hybrid NEW	74	Upright	Smooth, Broad, Flat, Dark Green	Fresh Market, Processing	Great uniformity, upright habit, and large, wide leaves for bountiful harvest. Fast re-growth and high yields. Slow to bolt and works well in the overwinter slot.
84365	HI-CROP Hybrid	70-75	16-24", Medium Tall, Upright	Savoy, Dark Blue-Green	Fresh Market, Processing	Very large, heavy, thick, savoy, blue-green leaves. Tolerates heat and cold! Slow bolting.
53899	VATES	75-80	18-26", Upright, Compact	Smooth, Green	Fresh Market, Processing	Uniform, flattened, deep green leaves. Sweet with satisfying flavor. Durable in high temperatures, bolt-resistant and maintain their color without purpling. Widely adapted.

COLLARD PRICING

Item #	Variety	Code pg 3	Price Per M or LB				M=1000 Seeds
			10 M	50 M	100 M	1000 M	4000 M
84365	Hi-Crop	Trt	3.59	3.37	3.31	3.21	3.15
			1 oz	1 / 4 lb	1lb	10 lb	50 lb
84457	Flash	Trt	34.30	102.85	311.55	300.70	285.00
81400	Top Bunch 2.0	Trt	35.50	106.45	322.45	311.25	295.00
87932	Top Chop	Trt	34.30	102.85	311.55	300.70	285.00
81965	Vates	Trt		6.70	20.25	19.55	18.50
53899	Vates	Trt		6.70	20.25	19.55	18.50



CISKO RZ



SEMPER



FLASH



TOP BUNCH 2.0



TOP CHOP



HI-CROP



VATES

CORN, ORNAMENTAL & POPCORN

ORNAMENTAL CORN | SORTED LARGE TO SMALL



Indicates varieties that can be used as popcorn

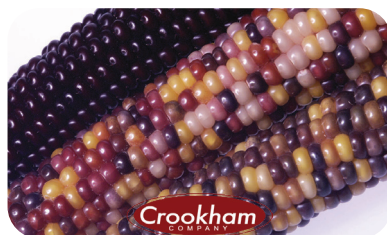
Item #	Variety	Days	Ear Length ↓	Features
84673	DAZZLING SUNSET <i>Hybrid</i>	110	10-13"	Improved American Way with glossier kernels on a big ear, better husk attachment and dazzling color combinations.
87594	ULTRA RAYS <i>Hybrid</i>	104	9-11"	An early maturing dazzling hybrid that has beautiful multi-colored glossy ears on a sturdy stalk. Many rich unique colors that are sure to get your customers attention.
31479	FIESTA <i>Hybrid</i>	90	7-10"	Earlier maturity and shorter stalks than standard Indian Corn. Expect 50% purple husks. Attractive mixture of yellow, red, white, blue, and variegated kernels.
84670	BLOODY BUTCHER	120	8-12"	Farmers have grown Bloody Butcher since the mid 19th-century. The stalk will grow 10-12' and produce multiple cobs/stalk. The cobs are pink or red and can be used for flour and cornmeal.
84674	GORGEOUS INDIAN <i>Hybrid</i>	107	8.5-9"	This may be the prettiest Indian corn you have ever seen. Thus the name, Gorgeous! Sturdy plant with uniform ears and high production.
69396	RED HUSK SPECTRUM <i>Mini</i>	100	6"	A unique popcorn with a high percentage of red stalks and husks. Stalk grows to 9' and will stand tall late in the season. Improved plant, stalk, cob size, colors and yield over Carousel.
61285	CAROUSEL <i>Mini</i>	110	4"	Miniature ears with colorful kernels.
84671	CHERRY BERRY <i>Mini</i>	98	3"	Larger, longer ears than standard strawberry popcorn making for a good packout. Husk colors are a mixture of beige, burgundy, reds and streaked. 5-6' stalk height with good standability.



DAZZLING SUNSET



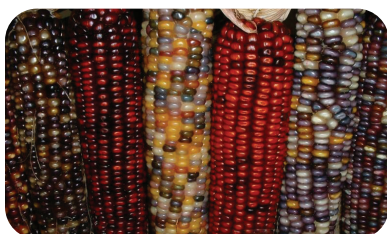
ULTRA RAYS



FIESTA



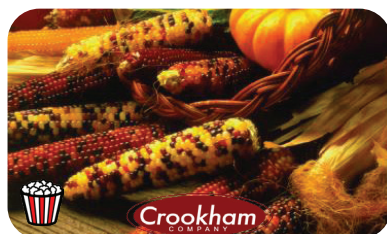
BLOODY BUTCHER



GORGEOUS INDIAN



RED HUSK SPECTRUM



CAROUSEL



CHERRY BERRY

POPCORN | HYBRID

Item #	Variety	Days	Ear Length	Resistance/Tolerance	Features
84701	R128YH <i>Yellow</i>	105	7-8"	IR:Et, Ps	Yellow Hulless. Exceptional good eating popcorn with very minimal hull. Tall sturdy plant with high yields. High resistant to Goss's Wilt.
84702	R400MR <i>Yellow Mushroom</i>	110	5-8"	HR:Et, Ps	Extra large popped kernels are mushroom shaped which is more resistant to breakage. High yielding. High resistant to Goss's Wilt.

ORNAMENTAL CORN & POPCORN PRICING

Item #	Variety	Code pg 3	Price Per LB				
ORNAMENTAL CORN			1/2 lb	1 lb	5 lb	25 lb	50 lb
84670	Bloody Butcher	Unt	9.05	14.55	13.65	13.25	12.85
61285	Carousel	Trt	7.85	12.60	11.85	11.50	11.15
84671	Cherry Berry	Unt	14.00	22.55	21.15	20.55	19.95
84673	Dazzling Sunset	Trt	10.20	16.40	15.40	14.95	14.50
31479	Fiesta	Trt	6.80	10.95	10.25	9.95	9.65
84674	Gorgeous Indian	Trt	10.20	16.40	15.40	14.95	14.50
69396	Red Husk Spectrum	Unt	9.80	15.80	14.80	14.40	13.95
87594	Ultra Rays	Trt	10.20	16.40	15.40	14.95	14.50

Item #	Variety	Code pg 3	Price Per M M=1000 Seeds			
POPCORN			2.5 M	10 M	30 M	100 M
84701	R128YH	Trt	3.35	2.85	2.73	2.60
84702	R400MR	Trt	5.03	4.27	4.09	3.90



R128YH



R400MR

◆ Epiphany ◆



Emergence



Easy to Pick
Easy to Pack



Holding Capacity



Consistency +
Appearance



Taste + Texture =
Customer Loyalty

UNIQUE TASTE
& TEXTURE



RESERVE space for these varieties.

Contact your local Gowan Sales Rep!



The Sweet Corn your
customers will ask for by name!

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Reserve™ Sweet Corn




SIGNATURE XR



ICON XR
COMING SOON!

SWEET CORN – BICOLOR SH2

BICOLOR SUPERSWEET | HYBRID

Item #	Variety	Days (DS)↓	Plant Height	Ear Height	Ear Length	Row Count	Resistance/ Tolerance	Features
84492	CATALYST XR <i>Xtra-Sweet™</i>	66	6.25'	27"	7.5-8"	14-18	HR:Ps:RpGDJ	Earliest supersweet on the market with good vigor, admirable ear size, strong tip fill, outstanding kernel color and sweetness. Perfect for early fresh markets and shipping.
84588	KICKOFF XR <i>Xtra-Tender™</i>	69	6'	28"	7.75-8.5"	16-18	HR:Ps:RpG IR:Et	A second early in a successful sh2 bicolor program. Strong plant, excellent husk package, large ears with good tip fill, and impeccable great taste.
84581	274A <i>Xtra-Tender™</i>	71	6'	26"	7.75-8.25"	16-18	IR:Et	Sturdy plant with attractive husk package. Very tender and sweet. Good emergence, vigor and uniformity.
84586	HERO XR <i>Xtra-Tender™</i>	71	5.2'	24"	7.25-7.5"	14-18	HR:Ps:RpGDJ IR:Et	Strong seedling vigor, is an excellent choice for a second early. The husk protection and ear shape improve on commercial standards for early markets. Will be the Hero during the early season.
84589	SIGNATURE XR <i>IFSI Reserve™</i>	72	6.5'	27"	7.5-8.25"	16-18	HR:Ps:RpGDJ	Has phenomenal eating quality. An attractive husk, excellent holding ability in the field, strong husk cover, and great ear size make Signature XR the choice for quality driven fresh markets.
76818	ANTHEM XR <i>Xtra-Tender™</i>	73	5.3'	20"	7.5-8"	16-18	HR:Ps:RpG IR:Et	Tender and sweet with great eating quality. Good color and tip fill with high yields. Perfect for shipping and local markets.
64977	NIRVANA	74	6.6'	24"	8"	16-18		Exceptional taste and texture with above average strength and emergence. High yielding, easy snap, tip filled ears and great eating quality.
84591	SUPERB MXR <i>Xtra-Tender™</i>	74	6'	28"	7.5-8"	16-18	HR:Ps:RpG MDMV, IR:Et	Very good sweetness and flavor. Strong yields with improved husk length and protection. Ability to handle difficult growing seasons make it an excellent choice for mid-season fresh and shipping markets.
88208	EPIPHANY 	74-75	6.3'	25"	8"	16-18	HR:Et, MDMV, Ps:RpGFJ	Improved Nirvana with an elevated disease package, higher ear placement for ease of harvest, same unique great flavor, and texture that have people saying "Wow" after their first bite.
84301	SOVEREIGN	76	6.75'	33"	8"	16-18	IR:Ps	High quality with supersweet flavor. Strong yields, excellent tip fill and sturdy plant type. Beautiful contrasting white, yellow kernel color. Gowan Regional Exclusive!



CATALYST XR



KICKOFF XR



274A



HERO XR



SIGNATURE XR



22 ANTHEM XR



NIRVANA



SUPERB MXR



EPIPHANY



SOVEREIGN

BICOLOR SUPERSWEET (Cont'd) | HYBRID

Item #	Variety	Days (DS)↓	Plant Height	Ear Height	Ear Length	Row Count	Resistance/Tolerance	Features
84583	AMERICAN DREAM <i>IFSI Reserve™</i>	77	6'	26"	7-7.5"	16-18	IR:Et	AAS Winner! Tender and sweet with strong tip fill. Exceptional eating quality.
85215	BSS1075	77	6.5'	24"	7.75"	18	HR:Ps:Rp1-i	Strong plant with uniform, attractive ears. A perfect shipping corn.
88210	CADENCE XR <small>NEW</small> <i>Xtra-Tender™</i>	78	6.5-7'	25"	7.5-8.25"	16-20	HR:Ps:RpG IR:Et	Xtra-Tender eating quality with large ears, attractive husk package and good flag leaves. Ideal full season for roadside markets.
85250	CRAVE <small>NEW</small>	78	6.5-7'	26-28"	8"	16-18		Great husk package, large ear size and excellent eating quality that both growers and consumers will crave. Well adapted to many growing regions.
85227	PATRIARCH <i>AttributePlus</i> <small>Trade dress</small>	78	6'	33"	8"	16-18	HR:Ps:Rp1-G IR:Et, MDMV	Great taste, excellent tip fill and high yields. Tolerant to Liberty (glufosinate) herbicide. Agreement form or license number required. See page 31 for Attribute details.
85118	GRIZZLY <small>NEW</small>	79	7'	26"	8"	16-18	HR:Et, Ps	Excellent shipper with a sturdy, clean, upright plant. Greater yield potential and improved husk package with better color, tip cover and shorter shank than current commercial varieties. Gowan Exclusive!
84587	HONOR XR <i>Xtra-Sweet™</i>	80	7'	30"	7.25-8.25"	14-16	IR:Et, Ps:RpG	Determinate tip fill and ideal ear size for full season shipping markets. Strong, sturdy plant which contributes to high yields.
88211	SALUTE XR <small>NEW</small> <i>Xtra-Tender™</i>	80	6.5'	27"	7.25-8.25"	16-18	IR:Et, Ps:RpGDJ	Exceptional husk protection and a short shank. Xtra-Tender eating quality with excellent kernel color. An ideal ear size, cob diameter, and yield make Salute a perfect choice for bicolor shipping markets. Gowan Exclusive!
88209	BSS8021 <small>NEW</small>	81	6'	21"	7.3"	14-16	HR:Ps:Rp1-i, Et	Mainseason supersweet that offers superior taste, great tip fill and straight ears with excellent husk cover and long flag leaves. Ideal for shipping markets and consumer appeal. Strong rust resistance.



AMERICAN DREAM



BSS1075



CADENCE XR



CRAVE



PATRIARCH



GRIZZLY



HONOR XR





SALUTE XR



BSS8021

SWEET CORN – WHITE SH2

WHITE SUPERSWEET | HYBRID

Item #	Variety	Days (DS) ↓	Plant Height	Ear Height	Ear Length	Row Count	Resistance/Tolerance	Features
84601	3572 VX <i>Xtra-Tender™</i>	71	6'	26"	7.5-8.5"	16-18	HR:MDMV IR:Et	Top choice for local markets. Early maturing with large ears that taste great. Excellent seedling vigor, great husk package and beautiful kernels.
84609	RESOLVE VX <i>Xtra-Tender™</i>	71	5.5-6'	26"	7.5-8.25"	14-18	HR:MDMV IR:Et	Strong seedling vigor for early plantings. Excellent eating quality. Great model for shipping and local markets.
84600	3473 <i>IFSI Reserve™</i>	73	5.5'	27"	8"	16-18	IR:Et	Kernels are extremely tender and sweet. Super eating quality. Easy snap, short shanks, attractive package and high yielding.
84608	FREEDOM MXR <i>Xtra-Tender™</i>	73	5.5'	19"	7.5-8"	16-20	HR:MDMV Ps:RpG IR:Et	Excellent for local and high quality shipping markets. Sister to Anthem XR. Widely adapted with consistent performance.
66358	XTH3674 <i>Xtra-Tender™</i>	74	5.5'	22"	7.75-8.25"	16-18	IR:Et	Good seedling vigor and yields. Can be used for both local and shipping markets.
76823	XTH3774 <i>Xtra-Tender™</i> 	74	5.5'	22"	7.75-8.25"	16-18	IR:Et, MDMV	Good seedling vigor, paired with a great husk package and strong yields make this an excellent choice for both local and shipping markets. Gowan Exclusive!
64325	EDEN	76	7'	24"	8"	16-18	IR:Et	Exceptional quality of taste and texture of this Augmented variety with emergence and vigor makes Eden a game changer. High yielding, uniform, great tip fill, and beautiful white kernels with even rowing. The white Nirvana.
84610	XTH3174 <i>Xtra-Tender™</i>	76	6'	29"	7.5-8"	16-18	IR:Et	Tender, sweet with good ear size and quality for mid-season harvest. Dark green husks, easy to snap. Excellent plant vigor and yield potential.
84602	AMERICAN BEAUTY XR <i>IFSI Reserve™</i>	77	6-6.5'	32"	8"	16-18	IR:Et, MDMV, Ps:RpGDJ	Outstanding eating quality that is a white American Dream type for fresh market and tray pack. Excellent tip fill and beautiful white kernel color.
67681	378A <i>Xtra-Tender™</i>	78	6.5'	25"	7.75-8.5"	16-18	IR:Et	Proven performance. Strong plant with good fill, attractive flag leaves and shipping style ears.
77374	GLACIAL	79	6'	26"	8"	16-18	HR:Et, Ps	Big ears with excellent fill. Incredible white kernels that stay white. Excellent eating quality.
85442	PLATINUM XR <i>Xtra-Tender™</i> 	80	6.5'	24"	7.5-8.25"	16-18	HR:Ps:RpGDJ IR:Et	Great eating quality. Full season with good husk protection, tip fill, and ear size. Industry leading bright white kernel color.



3572 VX



RESOLVE VX



3473



FREEDOM MXR



XTH3674



XTH3774



EDEN



XTH3174

SWEET CORN – BICOLOR SH2 & WHITE SH2

WHITE SUPERSWEET | HYBRID



AMERICAN BEAUTY XR



378A



GLACIAL



PLATINUM XR

SWEET CORN - BICOLOR SH2 PRICING

Item #	Variety	Code pg 3	Price Per M					M=1000 Seeds
			2.5 M	25 M	50 M	100 M	500 M	
85322	2472 XR	Cr	10.15	9.45	9.10	8.55	8.35	
84581	274A	Cr	10.75	10.00	9.65	9.05	8.85	
84567	8102R Plus	Cr				5.95	5.81	
84583	American Dream	Cr	11.30	10.55	10.15	9.50	9.30	
76818	Anthem XR	Cr	11.35	10.60	10.20	9.55	9.35	
85215	BSS1075	Cr	8.60	8.00	7.75	7.25	7.09	
88209	BSS8021	Cr	8.35	7.75	7.50	7.00	6.87	
88210	Cadence XR	Cr	10.65	9.95	9.60	9.00	8.80	
84585	Caliber XR	Cr	10.60	9.90	9.55	8.95	8.75	
84492	Catalyst XR	Cr	11.60	10.80	10.45	9.75	9.55	
88300	Courage MXR	Cr				8.00	7.85	
85250	Crave	Cr	8.60	8.00	7.75	7.25	7.09	
88208	Epiphany	Cr	11.60	10.85	10.45	9.80	9.57	
85112	Euphoria	Cr	11.20	10.45	10.10	9.45	9.25	
85113	Everglades	Cr	10.20	9.50	9.15	8.60	8.40	
85118	Grizzly	Cr	10.15	9.45	9.10	8.55	8.35	
84586	Hero XR	Cr	10.80	10.10	9.70	9.10	8.90	
84587	Honor XR	Cr	9.40	8.75	8.45	7.90	7.75	
84588	Kickoff XR	Cr	11.40	10.65	10.25	9.60	9.40	
64977	Nirvana	Cr	11.20	10.45	10.10	9.45	9.25	
85227	Patriarch - Attribute Plus	Cr	17.09	15.09	15.09	15.09	15.09	
88211	Salute XR	Cr	9.50	8.90	8.55	8.00	7.85	
84589	Signature XR	Cr	11.40	10.65	10.25	9.60	9.40	
84301	Sovereign	Cr	11.05	10.30	9.95	9.30	9.10	
84591	Superb MXR	Cr	10.80	10.10	9.70	9.10	8.90	

SWEET CORN - WHITE SH2 PRICING

Item #	Variety	Code pg 3	Price Per M					M=1000 Seeds
			2.5 M	25 M	50 M	100 M	500 M	
84600	3473	Cr	10.60	9.90	9.55	8.95	8.75	
84601	3572 VX	Cr	10.75	10.00	9.65	9.05	8.85	
67681	378A	Cr	10.60	9.90	9.55	8.95	8.75	
85528	8909MRW	Cr	8.40	7.80	7.55	7.05	6.91	
84602	American Beauty XR	Cr	10.85	10.15	9.80	9.15	8.95	
83425	Astronaut	Cr				7.20	7.05	
64325	Eden	Cr	11.10	10.35	10.00	9.35	9.15	
84608	Freedom MXR	Cr	11.50	10.75	10.40	9.70	9.50	
77374	Glacial	Cr	10.00	9.35	9.00	8.45	8.26	
85442	Platinum XR	Cr	11.50	10.75	10.40	9.70	9.50	
84609	Resolve VX	Cr	10.80	10.10	9.70	9.10	8.90	
84610	XTH3174	Cr	9.90	9.25	8.90	8.35	8.15	
66358	XTH3674	Cr	10.90	10.20	9.85	9.20	9.00	
76823	XTH3774	Cr	10.80	10.10	9.70	9.10	8.90	

Sweet Corn Isolation

Sh2 varieties must be isolated from other gene types of sweet corn (synergistic, se, su) and field corn to prevent cross-pollination to ensure sweetness, tenderness and flavor.

Isolation can be achieved by planting a minimal physical distance from other gene types (general recommendation 400 feet), by use of physical border rows or by planting with varieties that have at least 8 day maturity difference.

Call us today to place your seed order!
(see page 1 for details)

SWEET CORN – YELLOW SH2

YELLOW SUPERSWEET | HYBRID

Item #	Variety	Days (DS) ↓	Plant Height	Ear Height	Ear Length	Row Count	Resistance/ Tolerance	Features
86606	SPRINTER XR <i>Xtra-Tender™</i> <small>NEW</small>	67	5.75'	23"	7-7.75"	14-16	HR:Ps:RpGDJ IR:Et	Early supersweet with excellent tip fill and husk protection. Sweet and tender with great kernel appearance. Perfect for local and shipping markets.
82006	TAKEOFF <i>Xtra-Tender™</i>	68	6'	28"	7.5-8.5"	16-18	IR:Et	First early, excellent ear size, package and taste. Strong seedling vigor with good husk protection. Amazing variety and a sister to bicolor Kickoff.
85255	VISTA XR <i>IFSI Reserve™</i> <small>NEW</small>	69	6.9'	25"	7.75-8.25"	14-16	HR:Ps:RpGDJ IR:Et	Exceptional "IFSI Reserve™" eating quality for your first planting. Large ear size, strong tip fill and long green flags offer a great looking package to accompany a superior eating experience.
84663	XTH1572 <i>Xtra-Tender™</i>	72	5'	20"	7.5-8"	16-18	IR:Et	Exceptional for both local and shipping markets with great eating quality. Strong seedling vigor and plants resist lodging.
76819	4974 VX <i>Xtra-Tender™</i>	73	6-6.5'	23"	7.5"	16-18	HR:MDMV IR:Et	Great midseason for fresh market. Consistent ear size and plant performance across variable environments. Dark green husk package with strong husk protection.
84632	VISION MXR <i>IFSI Reserve™</i>	75	5.5'	20"	8"	16-18	HR:MDMV IR:Et Ps:RpGDJ	Replaces standard Vision with increased resistance to Rust and MDMV. The same exceptionally tender and sweet large attractive ears. A roadside, local market "must have".
86758	BULLET XR <i>Xtra-Tender™</i> <small>NEW</small>	76	6.3'	28"	7.25-8.25"	16-20	HR:Ps:RpG IR:Et	Dark green attractive package and ear size which is ideal for local markets. Compact shank, long flag leaves, easy snap and quality eating make Bullet an ideal choice for the mid-season slot. Sturdy plant resists lodging.
85362	SS3741 SSW® <small>NEW</small>	76	6.5'	26"	8.25"	16-18	IR:Et, Ps	Strong seedling vigor and a medium sized sturdy plant. Excellent eating quality, bright yellow kernels. Dark, tight husk package with attractive flag leaves.
83017	GSS1170	78	7'	26"	7.5"	16	HR:Et, Ps:Rp1-i	An exceptional and proven consistent main season shipping style corn. Nice package, good tip fill, strong plant and high yields.
85361	PROTECTOR <i>Attribute II</i> <small>Trade Dress</small>	79	6.5'	24-28"	8"	18	HR:Bm, Et, MDMV, Ps:Rp1-d,Rp1-i, Pst	Strong husk protection, straight rowing and excellent tip fill on uniform ears ideal for shipping. Consistently high yields. Great disease package. Tolerant to Liberty (glufosinate) and glyphosate herbicides. Agreement form or license number required. See page 31 for Attribute details.
83586	ALLIANCE <i>Xtra-Sweet™</i>	80	6.5-7'	30"	7.75-8.5"	14-16	IR:Et	Has ideal ear size and excellent yield, making this variety perfect for shipping markets. Dark green husk package and determinant tip fill.
84631	SEMINOLE GOLD <i>Xtra-Tender™</i>	80	7'	28"	7-8"	16-18	IR:Et	Strong plant, excellent husk cover and tip fill. The perfect size ear for shipping markets. Excellent appearance and high eating quality. It will perform and yield best at higher populations +/- 30,000.



SPRINTER XR



TAKEOFF



VISTA XR



XTH1572

Supersweet Sh2 Notice!

It is recommended that Sh2 varieties be sown in soil that maintains a temperature of at least 60 degrees Fahrenheit.

SWEET CORN – YELLOW SH2



4974 VX



VISION MXR



BULLET XR



SS3741 SSW®



GSS1170



PROTECTOR



ALLIANCE






SEMINOLE GOLD

SWEET CORN - YELLOW SH2 PRICING

Item #	Variety	Code pg 3	Price Per M				
			M=1000 Seeds				
			2.5 M	25 M	50 M	100 M	500 M
76819	4974 VX	Cr	10.30	9.60	9.30	8.70	8.50
83586	Alliance	Cr	9.45	8.85	8.50	7.95	7.80
86758	Bullet XR	Cr	10.60	9.90	9.55	8.95	8.75
83017	GSS1170	Cr	8.70	8.10	7.80	7.30	7.16
85361	Protector - Attribute II	Cr	16.80	14.80	14.80	14.80	14.80
84631	Seminole Gold	Cr	9.65	9.00	8.70	8.10	7.95
86606	Sprinter XR	Cr	9.15	8.55	8.25	7.70	7.55
85362	SS3741 SSW	Cr	8.80	8.20	7.90	7.40	7.25
82006	Takeoff	Cr	11.15	10.40	10.05	9.40	9.20
84632	Vision MXR	Cr	11.05	10.30	9.95	9.30	9.10
85255	Vista XR	Cr	10.60	9.90	9.55	8.95	8.75
84633	XTH1572	Cr	11.40	10.65	10.25	9.60	9.40
85117	Yellowstone	Cr	10.15	9.45	9.10	8.55	8.35

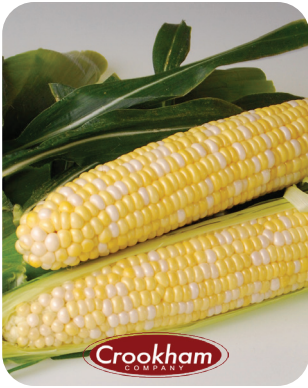
SWEET CORN – BICOLOR SE

BICOLOR SUGAR ENHANCED | HYBRID

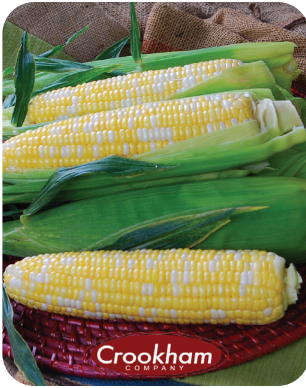
Item #	Variety	Days (DS) ↓	Plant Height	Ear Height	Ear Length	Row Count	Resistance/ Tolerance	Features
84595	LATTE	68	5'	16"	7.5-8"	14-16		Very good eating quality with ear size and length for an early variety.
84597	SWEETNESS	68	6'	18"	8"	14-16	IR:Et, Ps, Pst	Great eating quality, early with good soil vigor, ear size, and tip fill.
84598	TEMPRESS	70	6.4'	20"	8"	16	HR:MDMV Ps:RpGDJ IR:Et	Incredible vigor, sturdy plant and excellent ear size placed well above the soil line. QuadSweet, (synergistic) tasty!
85254	QUICK TRIP <small>NEW</small> 	71	5.5'	19"	7.5"	14-16		First early season TripleSweet eating quality with the Attribute II trait stacks. Good vigor, tip fill and husk cover. Ideal for fresh local markets in the U.S. and Canada. Tolerant to Liberty (glufosinate) and glyphosate herbicides. Agreement form or license number required. See page 31 for Attribute details.
84593	ALLURE	75	6.5-7'	19"	8"	16-18	IR:Ps:Rp1-d, Pst	Synergistic bicolor with excellent eating quality! Produces a very refined ear, strong tip fill, good husk cover and great flag leaves. Perfect for those growers whose consumers demand quality.
84599	AMBROSIA	75	6.3'	28"	8"	14-16	HR:Pst IR:Et	Bicolor Bodacious type. Dark green husks and easy to pick. Under stress may tip blank.
84596	NECTAR	76-78	6.25'	28"	8"	18	IR:Et	QuadSweet genetics take flavor to a new level. Strong sturdy plant with excellent cold soil vigor. A new generation which is easier to grow and more remarkable to eat.
84594	ESSENCE	79	6.5'	27"	8-8.5"	16-18	IR:Et Ps:Rp1-d, Pst	Very high eating quality with tender ears. Excellent flag leaves and husk cover. Plants are tall and strong, a must have for your sweet corn program.
85253	PURSUIT 	80	6.5'	24"	7.9"	16-18		Triplesweet with superior eating quality and tender kernels. Consistent maximized yield potential. Tolerant to Liberty (glufosinate) and glyphosate herbicides. Agreement form or license number required. See page 31 for Attribute details.
85333	PRIMUS	81	6.5'	24"	8-8.5"	14-16	HR:Bm, IR:Pst	Mainseason variety is the next generation of super high eating quality, TripleSweet™ Plus. It will bring your customers back for more.
85171	PROVIDENCE	82	6.5'	24"	8"	14-18	HR:Ps:Rp1-d,e,g,i IR:Bm	TripleSweet™ variety with long, well filled ears. Medium green husks and extraordinary flavor.
85479	REMEDY 	82	6.5'	24"	8.5"	14-16		Outstanding TripleSweet eating quality of long ears with tender, sweet kernels. Excellent tip fill and good husk cover. Consistent high yield and performance. Tolerant to Liberty (glufosinate) and glyphosate herbicides. Agreement form or license number required. See page 31 for Attribute details.



LATTE



SWEETNESS



TEMPRESS



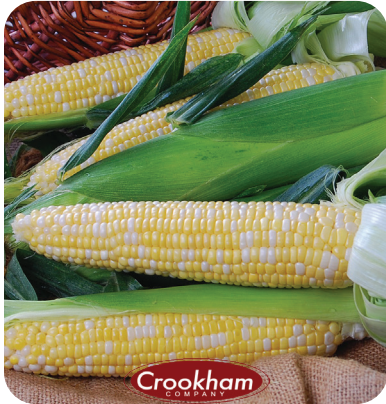
QUICK TRIP



ALLURE



AMBROSIA



NECTAR



ESSENCE



PURSUIT

SWEET CORN – BICOLOR SE & WHITE SE

BICOLOR SUGAR ENHANCED | HYBRID



PRIMUS



PROVIDENCE



REMEDY

SWEET CORN - BICOLOR SE PRICING

Item #	Variety	Code pg 3	Price Per M		M=1000 Seeds		
			2.5 M	25 M	50 M	100 M	500 M
84593	Allure	Cr	9.65	9.00	8.70	8.10	7.95
86223	BC0528 - Attribute	Cr		11.53	11.53	11.53	11.53
86222	BC0805 - Attribute	Cr		11.10	11.10	11.10	11.10
83189	Cameo	Cr	9.10	8.50	8.20	7.65	7.50
84594	Essence	Cr	9.70	9.05	8.75	8.20	8.00
85136	Kristine	Cr	9.20	8.60	8.30	7.75	7.60
84595	Latte	Cr	10.05	9.40	9.05	8.50	8.30
84596	Nectar	Cr	10.30	9.60	9.30	8.70	8.50

SWEET CORN - BICOLOR SE PRICING

Item #	Variety	Code pg 3	Price Per M or LB		M=1000 Seeds		
			2.5 M	25 M	50 M	100 M	500 M
85333	Primus	Cr	10.30	9.60	9.25	8.70	8.49
85171	Providence	Cr	7.85	7.30	7.05	6.60	6.45
85253	Pursuit - Attribute II	Cr	16.92	14.92	14.92	14.92	14.92
85254	Quick Trip - Attribute II	Cr		14.92	14.92	14.92	14.92
85479	Remedy - Attribute II	Cr	16.89	14.89	14.89	14.89	14.89
84597	Sweetness	Cr	9.05	8.45	8.15	7.60	7.45
84598	Temptress	Cr	9.50	8.90	8.55	8.00	7.85
			1 lb	5 lb	25 lb	100 lb	500 lb
84599	Ambrosia	Cr	15.40	14.70	13.85	13.35	12.90

SWEET CORN - WHITE SE

WHITE SUGAR ENHANCED | HYBRID

Item #	Variety	Days (DS)↓	Plant Height	Ear Height	Ear Length	Row Count	Resistance/Tolerance	Features
84629	ILLUSION	72	6.5'	18"	7.5-8"	14-16	IR:Et, Ps, Pst	Early maturing synergistic with a strong dark green plant, good tip fill and great flavor.
84630	MIRAGE	79	6'	20"	8-8.5"	16	HR:Ps:Rp1-D IR:Et, Pst	Synergistic that produces high sugars in the later season. Tall and strong plant. Dark green husk, strong tip fill and fantastic eating quality.
85462	MILKY WAY Attribute II	82	7'	35"	8.35"	14-16		Produces consistent yields of high-quality ears with exceptional TripleSweet eating quality. Tolerant to Liberty (glufosinate) and glyphosate herbicides. Agreement form or license number required. See page 31 for Attribute details.



ILLUSION



MIRAGE

SWEET CORN - WHITE SE PRICING

Item #	Variety	Code pg 3	Price Per M		M=1000 Seeds		
			2.5 M	25 M	50 M	100 M	500 M
86221	Avalon	Cr	7.95	7.45	7.15	6.70	6.57
84629	Illusion	Cr	9.30	8.65	8.35	7.80	7.65
85462	Milky Way - Attribute II	Cr	16.79	14.79	14.79	14.79	14.79
84630	Mirage	Cr	9.05	8.45	8.15	7.60	7.45



MILKY WAY

SWEET CORN – YELLOW SE

YELLOW SUGAR ENHANCED | HYBRID

Item #	Variety	Days (DS) ↓	Plant Height	Ear Height	Ear Length	Row Count	Resistance/Tolerance	Features
84634	CAFE	68	6'	21"	7.5-8"	14-16	IR:Ps:Rp1-d, Pst	Early maturing yellow synergistic with strong vigor, tip fill and very good eating quality.
85335	ASPIRE <small>Attribute II</small>	80	7'	27"	8.5"	14-16	HR:Bm, Ps:Rp1-d	Long ears with good husk extension. Outstanding eating quality with tender, sweet kernels. Tolerant to Liberty (glufosinate) and glyphosate herbicides. Agreement form or license number required. See page 31 for Attribute details.



CAFE



ASPIRE

SWEET CORN - YELLOW SE PRICING

Item #	Variety	Code pg 3	Price Per M				
			M=1000 Seeds				
			2.5 M	25 M	50 M	100 M	500 M
85335	Aspire - Attribute II	Cr	16.79	14.79	14.79	14.79	14.79
84634	Café	Cr	9.85	9.20	8.85	8.30	8.11

The Benefits of Cruiser® Treatment for Sweet Corn



Gowan Seed offers Cruiser seed treatment as our standard treatment for sweet corn seeds.

- Proven to increase plant stands, uniformity and vigor, and improve yield potential
- Provides excellent activity against a broad spectrum of insect pests
- Reduces stress on young seedlings
- Helps optimize seeding rates by protecting every seed to ensure plant establishment
- Easy to use and conveniently delivered on the seed, eliminating the need for any additional handling



NIRVANA
74 Days
Bicolor Sh2
Page 22



Nirvana Series

Elevate your sweet corn experience

EPIPHANY
74-75 Days
Bicolor Sh2
Page 22



EDEN
76 Days
White Sh2
Page 24





LICENSE OR AGREEMENT REQUIRED: An Attribute® stewardship agreement form is required prior to shipping on page 111. Or you can register online for a license number at www.agcelerate.com.



PATRIARCH



PURSUIT



QUICK TRIP



REMEDY




ATTRIBUTE® PLUS TRAIT STACK | TOLERANT TO GLUFOSINATE (LIBERTY®) HERBICIDE

Item #	Variety	Color	Days (DS)	Ear Length	Row Count	2.5M Pack Price	25M Bag Price
85277	PATRIARCH	Bicolor Sh2	78	8"	16-18	\$42.73	\$377.25



ATTRIBUTE® II TRAIT STACK | TOLERANT TO GLUFOSINATE (LIBERTY®) and/or GLYPHOSATE HERBICIDE

Item #	Variety	Color	Days (DS)	Ear Length	Row Count	2.5M Pack Price	25M Bag Price
85253	PURSUIT	Bicolor se	80	7.9"	16-18	\$42.30	\$373.00
85254	QUICK TRIP 	Bicolor se	71	7.5"	14-16	N/A	\$373.00
85479	REMEDY	Bicolor se	82	8.5"	14-16	\$42.23	\$372.25
Under certain stress conditions, Remedy may exhibit tassels and or glumes growing out of the ear. Remedy supplemental agreement (page 112) required for purchases 100M or more.							
85462	MILKY WAY	White se	82	8.35"	14-16	\$41.98	\$369.75
85335	ASPIRE	Yellow se	80	8.5"	14-16	\$41.98	\$369.75
85361	PROTECTOR	Yellow Sh2	79	8"	18	\$42.00	\$370.00

ATTRIBUTE® II provides Broad-Spectrum Control of the following pests:

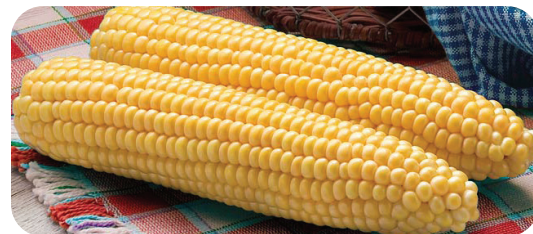
Beet Armyworm	Corn Earworm	Fall Armyworm	Sugarcane Borer
Black Cutworm	Dingy Cutworm	Southern Cornstalk Borer	Western Bean Cutworm
Common Stalk Borer	European Corn Borer	Southwestern Corn Borer	



MILKY WAY



ASPIRE



PROTECTOR

Attribute® II hybrids produce a protein that increases tolerance to glufosinate and glyphosate herbicides. Attribute® Plus hybrids produce a protein that increases tolerance to glufosinate herbicides.

The Attribute® II and Attribute® Plus trait stacks from Syngenta are the latest breakthrough in above-ground insect protection for sweet corn, delivering unsurpassed control of lepidopteran pests to maximize yield, quality and productivity. They provide high performance traits to sweet corn growers, and now they have the added power of Vip3A – a unique mode of action proprietary to Syngenta. The combination of Vip3A with Cry1Ab, the protein found in Attribute insect-protected sweet corn varieties, offers excellent control of key yield-robbing insects including European corn borer, corn earworm and fall armyworm. Attribute II and Attribute Plus are also highly effective against Western bean cutworm, which has emerged as a serious and growing threat in many production areas.

Attribute® II and Attribute® Plus give growers the flexibility to cater their herbicide program to effectively address problem weeds while reaping the benefits of its superior insect control.

For more detailed information please visit: <https://www.syngenta-us.com/seeds/vegetables/commercial-sweet-corn>

COVER CROPS • CUCUMBERS

Item #	Variety ↓	Features								
84742	CALIENTE™ ROJO <i>Mustard</i>	Improve soil quality and reduce your reliance on chemicals for disease, weed, and nematode Control! Improves soil fertility, structure and crop yield. Bred to produce large quantities of biomass. As a biofumigant, Rojo Mustard also suppresses soil borne pests and pathogens. Distinctive mustard with purplish/red leaves and the highest glucosinolate production currently available. Vigorous growth with high leaf biomass and an extensive root system. A good choice for organic or conventional growers with high disease and/or nematode pressure. Seeding Rate: 8-10 lbs. per acre.								
		PRICING								
		<table><tr><th>5 lb</th><th>25 lb</th><th>50 lb</th><th>250 lb</th><th>500 lb</th></tr><tr><td>6.90</td><td>6.45</td><td>6.25</td><td>6.00</td><td>5.75</td></tr></table>	5 lb	25 lb	50 lb	250 lb	500 lb	6.90	6.45	6.25
5 lb	25 lb	50 lb	250 lb	500 lb						
6.90	6.45	6.25	6.00	5.75						
86016	NEMAT/CALIENTE™ ROJO <i>Arugula/Mustard</i>	Arugula/mustard blend designed to enhance nematode and wireworm suppression in organic production or conventional IPM programs, while providing excellent green manure biomass for improved soil tilth and disease and weed suppression. Seeding Rate: 6-9 lbs. per acre.								
		PRICING								
		<table><tr><th>5 lb</th><th>25 lb</th><th>50 lb</th><th>250 lb</th><th>500 lb</th></tr><tr><td>9.00</td><td>8.40</td><td>8.10</td><td>7.80</td><td>7.50</td></tr></table>	5 lb	25 lb	50 lb	250 lb	500 lb	9.00	8.40	8.10
5 lb	25 lb	50 lb	250 lb	500 lb						
9.00	8.40	8.10	7.80	7.50						

CUCUMBERS

SLICING

Item #	Variety	Days (DS) ↓	Habit	Fruit Size	Resistance/ Tolerance	Features
86308	LISBOA <i>Hybrid</i>	45	Pharthenocarpic	9"	HR:Ccu, CVYV, Px IR:CMV, Pcu	Attractive, dark green and extremely productive. Requires no insects to pollinate and set fruit. Best for tunnel/row cover production.
83405	SUPERIOR <i>Hybrid</i>	45	Gynoecious	9x2"	IR:Ccu, CMV, Co, Pcu, PRSV, Psl, Px, WMV, ZYMV	Uniform, dark green fruit with an excellent disease package and high yields throughout extended picks.
84385	COBRA <i>Hybrid</i>	60	Gynoecious	9.5x2"	HR:Ccu, Psl, PRSV, WMV, ZYMV IR:Co, CMV, Pcu	A market leader in gynoecious slicing cucumbers. Productive with an excellent disease package and outstanding fruit quality. Attractive, dark green color fruit that yields well on plastic and open ground production.
84387	SEÑOR <i>Hybrid</i>	60	Monoecious	8.5x2.5"	IR:Ccu, CMV, Co, Pcu, PRSV, Psl, WMV, ZYMV	Short internodes and best for high yields using trellis production. Excellent disease package.
70402	TASTY GREEN <i>Hybrid Burpless</i>	62	Monoecious	9x2.25"	IR:Pcu, Px	Good tasting "Burpless" type that is grown on ground culture. Resembles European greenhouse types.
83942	MARKETMORE 76	68	Monoecious	8x2.5"	HR:Ccu, Pcu, IR:CMV	Developed by Cornell and the most popular open pollinated variety for commercial use.



LISBOA



SUPERIOR



COBRA



SEÑOR



TASTY GREEN



MARKETMORE 76

CUCUMBERS • ENDIVE & ESCAROLE

PICKLING | HYBRID

Item #	Variety	Days (DS)↓	Habit	Fruit Size	Resistance/ Tolerance	Features
88212	SUPER MAX <small>NEW</small>	45	Monoecious	3.75x1.25"	HR:PRSV, WMV, ZYMV IR:CMV	Early maturing high quality, dark green fruit with thick skin and a small seed cavity. Vigorous plant that continues to set fruit for maximum production. Ground or Stake culture.
84388	AVENGER	48	Gynoecious	3.5x1.25"	HR:PRSV, WMC, ZYMV IR:C-cu, Px, Pcu	High productivity with great length, shape, and dark green color. Concentrated and continuous fruit setting. Multi-virus resistant.
84921	EXCELSIOR	52	Parthenocarpic	4.5x1.25"	HR:Cca, Ccu IR:CMV, CVYV, Px	Insects are not needed to set fruit under tunnels or in protected greenhouse for early or all season production. Great tasting American-style pickle.
84405	PUCCINI RZ	53	Parthenocarpic	3.5x1.25"	HR:Ccu, IR:Co:1, Px	Ideal for tunnel or greenhouse production because no pollenizer is needed. Uniform size and shape with high heat tolerance.
84406	SUPREMO	55	Monoecious	3.75x1.25"	IR:Ccu, CMV, Co, Pcu, PRSV, Psl, Px, WMV, ZYMV	Excellent dark green colored fruit on vigorous vines that are extremely productive. Fruit is uniform and maintains quality throughout extended harvests.



SUPER MAX



AVENGER



EXCELSIOR



PUCCINI RZ



SUPREMO

CUCUMBER PRICING

Item #	Variety	Code pg 3	Price Per M M=1000 Seeds					
SLICING			500 sds	1 M	5 M	15 M	75 M	350 M
84385	Cobra	FI400		19.50	17.55	16.15	15.40	15.00
84387	Senor	FI400	37.20	55.90	50.35	46.25	44.15	43.00
83405	Superior	FI400		19.50	17.55	16.15	15.40	15.00
70402	Tasty Green - Burpless	Trt		28.20	25.40	23.30	22.25	21.67

Item #	Variety	Code pg 3	Price Per M or LB M=1000 Seeds				
SLICING			100 sds	500 sds	1 M	5 M	
86308	Lisboa	Trt	19.00	105.15	158.05	145.00	
SLICING			1 M	5 M	15 M	75 M	350 M
84388	Avenger	FI400	17.30	15.60	14.30	13.65	13.30
84405	Puccini RZ	FI400	25.85	23.25	21.40	20.40	19.87
84406	Supremo	FI400	16.90	15.25	14.00	13.35	13.00
88212	Super Max	FI400	16.90	15.25	14.00	13.35	13.00
PICKLING			100 sds	500 sds	1 M	5 M	
84921	Excelsior	Trt	14.50	80.20	120.55	110.59	
PICKLING			1 / 4 lb	1 lb	10 lb		
83942	Marketmore 76	Unt	6.85	20.75	17.50		

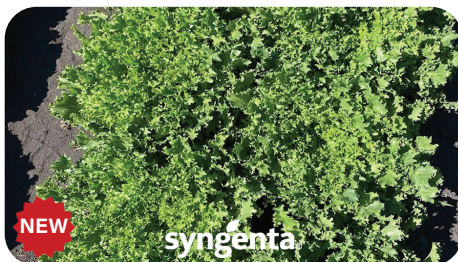
ENDIVE & ESCAROLE

ENDIVE

Item #	Variety	Days (DS)	Features
88215	BINDE <small>NEW</small>	87	A versatile variety that has a long window to harvest. Spring to Autumn. Resists cold season bolting and hot season burning. Upright plant habit, moderate curled leaves and straight ribs.

ESCAROLE

Item #	Variety	Days (DS)	Features
88314	FULL HEART 65	85	Healthy, broad dark green outer leaves with a deep heart which is white at the core. Improved Florida Deep Heart selection.



BINDE



FULL HEART 65

ENDIVE & ESCAROLE PRICING

Item #	Variety	Code pg 3	Price Per M M=1000 Seeds			
ENDIVE			5 M	20 M	100 M	400 M
88215	Binde	Trt/Pr/Pel	3.36	2.93	2.68	2.44
ESCAROLE			5 M	20 M	100 M	400 M
88314	Full Heart 65	Trt/Pr/Pel	2.54	2.22	2.04	1.85

EGGPLANTS

HYBRID

Item #	Variety	Days (DS)↓	Fruit Shape/Size	Fruit Color	Resistance/Tolerance	Features
84571	SHOYA LONG <i>Oriental</i>	55	Slender, Long, 13.75-15.75"	Dark Purple		Vigorous, upright plants produce an abundance of very long, shiny black fruit with a purple calyx. Excellent quality!
27332	MEGAL <i>Italian</i>	60	Cylindrical, 3x8"	Purple, Black	IR:TMV, ToMV	Italian type fruit shape with a green calyx. 7-9" long, 3" diameter. Strong plant.
49078	NADIA	62	Teardrop, 4.5x9"	Almost Black		Heavy early set which does well in cool conditions. Fruits are large, firm and are held high in the plant.
84568	NUBIA <i>Striped Italian</i>	64	Oval, Elongated, 3-4x7-8"	Purple, White Striped		Beautiful striped Italian type that will dress up your eggplant offerings. Tall, sturdy plant with glossy fruit that has red wine stripes over a cream background.
88213	MIRO <i>White</i>	65	Elongated, 0.75x4-6"	Bright White		Early maturing, extremely high yielding with a semi-upright bush, short internodes and good leaf cover. Firm, slender and uniform in color. Smooth calayx, no spines to scratch fruit or harvesters.
84569	PALOMA <i>White</i>	65	Short Teardrop	White		Mildly sweet flavor, creamy texture. Short healthy plants. A perfect farmers' market treat, since they are thin-skinned and easily bruised, precluding them from shipping. Green Calyx.
84570	SABELLE RZ <i>Sicilian</i>	65	Round, 1lb.	Vibrant Purple, White Contrast		Traditional Sicilian type which is very attractive due to the color contrast between fruit skin and calyx. Flavorful and excellent texture for all gourmet preparations.
87957	SANTANA	65	Oval, Elongated, 4x8.5"	Black, Purple		The fruit stem and calyx are nearly spineless. Healthy plant with fruit that are capable of getting large while maintaining quality for duration of the season.
84572	MUMBAI <i>TSX 14389</i>	68	Half Long, Teardrop	Black, Purple		Has merit in commercial production where high quality fruit is picked, packed, shipped and distributed to high end markets. Compact plant with high yields.



SHOYA LONG



MEGAL



NADIA



NUBIA



MIRO



PALOMA



SABELLE RZ



SANTANA



MUMBAI

EGGPLANT PRICING

Item #	Variety	Code pg 3	Price Per M					M=1000 Seeds
			250 sds	1 M	5 M	25 M	100 M	
84807	Aretussa	Trt	33.30	111.00	99.00	90.30	82.81	
85360	Barbarella	Unt	12.95	43.10	38.45	35.05	32.15	
83440	Little Prince	Trt			19.75	18.00	16.50	
27332	Megal	Trt	8.65	28.80	25.65	23.40	21.46	
88213	Miro	Trt	11.25	37.35	33.30	30.40	27.85	
84572	Mumbai	Trt		16.10	14.35	13.10	12.00	

Item #	Variety	Code pg 3	Price Per M					M=1000 Seeds
			250 sds	1 M	5 M	25 M	100 M	
49078	Nadia	Trt	7.50	24.85	22.15	20.20	18.51	
84568	Nubia	Unt	15.70	52.30	46.65	42.55	39.00	
84569	Paloma	Unt	10.00	33.20	29.60	27.00	24.75	
77510	Purple Shine	Unt		12.10	10.80	9.85	9.00	
84570	Sabelle RZ	Trt	33.30	111.00	99.00	90.30	82.81	
87957	Santana	Unt		16.35	14.60	13.30	12.20	
84571	Shoya Long	Unt		10.15	9.05	8.25	7.55	

SMALL

Item #	Variety ↓	Features
84422	AUTUMN WINGS SMALL	Shaped like a swan pear with many intense colors and wings. Bulbs are about 3", the necks will range from 4-5" long. Harvest at mature stage when the wings will be more durable.
84130	AUTUMN WINGS MEDIUM	Expect the same color, shapes and quality of Autumn Wings Small but with larger versions measuring to 6" necks. Many will have shading between the wings.
59045	DAISY	Small 3-4" wide and 2-3" tall multi-colored (yellow, white, green, orange) gourds. Most have warts with a unique shape resembling a Daisy pattern on the stem end. 2 foot linear planting on 5-6 foot centers. Maximize yield by doing more with less seed.
84438	FANCY WARTED	A mixture of very colorful warted gourds such as spoons, pears, and rounds.
84424	GALAXY OF STARS HYBRID	An exciting hybrid gourd mixture in the shape of a 5 point star in many individual striped colors; green, white, orange, yellow that can be mechanically washed. 95 days.
84425	HOARGARTH	A distinctive new orange and dark green gourd that will add texture to your fall displays. Warted covered fruit are 7x5" and grow on an intermediate bush plant. 90 days.
85746	WEE WINGS	Unique small sized mix of 2-6" vibrant colored wings that are warted and smooth with attractive eye catching shapes and abundant color combinations.



AUTUMN WINGS SMALL



AUTUMN WINGS MEDIUM



DAISY



FANCY WARTED



GALAXY OF STARS



HOARGARTH



WEE WINGS

GOURDS PRICING

Item #	Variety	Code pg 3	Price Per M			
			250 sds	1 M	5 M	25 M
84422	Autumn Wings Small	FI400	9.90	29.10	28.00	26.90
84130	Autumn Wings Medium	FI400	9.90	29.10	28.00	26.90
84423	Autumn Wings Large Swan	FI400	9.90	29.10	28.00	26.90
88561	Crowns	FI400	40.40	118.80	114.40	110.00
59045	Daisy	Unt	15.00	44.05	42.40	40.75
84424	Galaxy of Stars	FI400	29.15	85.65	82.50	79.30
82061	Gizmo	FI400	32.35	95.10	91.60	88.05
85670	Goonies	FI400	38.40	112.90	108.70	104.50
85671	Gremlins	FI400	33.05	97.20	93.60	90.00
84425	Hoargarth	FI400	32.35	95.10	91.60	88.05
88563	Queens	FI400	40.40	118.80	114.40	110.00
85746	Wee Wings	FI400	24.65	72.40	69.70	67.00



FarMore® FI400 insecticide and fungicide combination seed treatment technology helps maximize cucurbit production by enhancing performance and quality.

GOURDS PRICING

Item #	Variety	Code pg 3	Price Per LB			
			1 oz	1/4 lb	1 lb	5 lb
83943	Apple	Unt	8.05	23.00	66.95	65.00
83944	Birdhouse	Unt	7.15	20.35	59.25	57.50
61428	Caveman's Club	Unt	7.15	20.35	59.25	57.50
83945	Cucuzzi	Unt	7.15	20.35	59.25	57.50
84438	Fancy Warted	Trt	11.15	31.85	92.80	90.05
84444	Lunch Lady	Trt	15.75	44.90	130.90	125.85
84449	Speckled Swan	Trt	7.20	20.55	59.85	58.10
84453	Turk's Turban	FI400	10.50	34.80	33.75	

Superior Disease Protection: Providing early-season protection against certain diseases including rhizoctonia spp., fusarium spp., pythium spp., and general damping-off and seedling blight.

Excellent Early-Season Insect Protection: FI400 technology contains a second generation neonicotinoid, thiamethoxam, which protects against excessive foliage damage in young plants from cucumber beetles, flea beetles, and leafminers. Thiamethoxam also eliminates or reduces the chance of virus transmission by certain insects including aphids, thrips and whiteflies.

GOURDS

LARGE

Item #	Variety ↓	Features
83943	APPLE	Apple shaped gourd that is 6.5" tall with a 7" diameter. Looks just like a Big Apple!
84423	AUTUMN WINGS LARGE SWAN	Long neck up to 12". Spoon shaped with wings and various colors. Bulbs are 2.5-3", necks up to 12" long.
83944	BIRDHOUSE	12-14" Tall, 5" diameter. To form a bottle gourd that will sit on a base, stand them upright in the field when they are young and still growing.
61428	CAVEMAN'S CLUB	Shaped like a club. Bulb on one end with a long handle shaped neck. About 18" long. Green to dried brown color.
88561	CROWNS	Extra large colorful mix of various colors and shapes but especially featuring spectacular large necked gourds. Mix them with Queens for a dramatic showcase of colors of long necks, huge wings and other surprises.
83945	CUCUZZI	Very long 24" by 2" diameter medium green gourd. Trellis for long straight gourds or grow on ground for curvy snake like appearance.
82061	GIZMO	Bush plant type. Fruit have rich colors including dark green, light green, orange, yellow, and white. Hard shelled gourds are 3-5" tall by 6-8" wide at the tip of the wings.
85670	GOONIES	Extra large, 8-12" various textures of vibrant multiple colored solid, striped, streaked, and speckled wings, long-necks, stars, crook-necks, mushrooms, acorns and bulb shapes.
85671	GREMLINS	Large, 5-8" gourds similar to Goonies in shapes, textures and vibrant abundant colors.
84444	LUNCH LADY	One of a kind warted gourd blend. A perfect novelty mix of many sizes, shapes and colors, all with Warts.
88563	QUEENS	Extra large mix of brilliant colors and shapes but your customers will be especially drawn to the super sized wings. Mix them up with super large Queens to make your own mix with even more diverse shapes and colors.
84449	SPECKLED SWAN	Similar to a birdsnest gourd but has long gently curved necks that peak into a small bulb that resembles a swan. 14-18" long, 6" base.
84453	TURK'S TURBAN	Red, yellow, orange, and green colored gourd has white stripes and a scarlet top. Flesh is orange, thick, and perfect for baking and stuffing. Can be used in fall displays and resemble a colorful turban.



APPLE



AUTUMN WINGS LARGE SWAN



BIRDHOUSE



CAVEMAN'S CLUB



CROWNS



CUCUZZI



GIZMO



GOONIES



GREMLINS



LUNCH LADY



QUEENS



SPECKLED SWAN

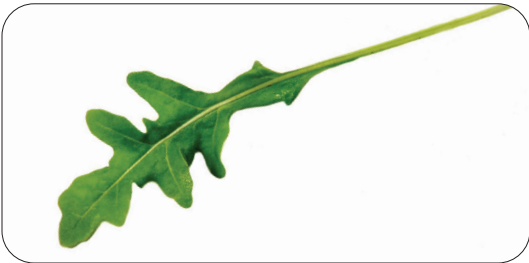


TURK'S TURBAN

Item #	Type ↓	Variety	Features
77572	Arugula	ASTRO	Wider strap leaf. Early heat tolerant for arugula.
80949	Arugula	GRAZIA	A wild rocket type that is more uniform and true to type than other varieties.
84503	Basil	ELEONORA	Medium sized, lightly serrated leaves that are resistant to Downy Mildew. Used for open field production and containers.
83947	Basil	ITALIAN LARGE LEAF	Medium broad green leaves. Slower to bolt. Standard commercial variety.
64572	Chives	NELLY	Dark blue-green in color, vigorous, and upright growing. Resistant to diseases and thrip spots on the leaves. Fresh and industrial markets, particularly popular for bunching due to its long slender leaf presentation.
84500	Coriander	SANTO	Proven performance has made Santo a grower favorite. High yields, attractive deep green leaves.
84501	Dill	BOUQUET	Aromatic, strong dark green plants.
84502	Dill	DUKAT	Dark green, fern like leaves have distinct, strong aroma. Tall, vigorous plants are topped with very large umbels. Best variety for warmer environments.
84504	Fennel	ORION Hybrid	Very uniform and vigorous growing. Medium tall, dark green foliage. Large sized bulbs. Bolt and tip burn tolerant.



ASTRO



GRAZIA



ELEONORA



ITALIAN LARGE LEAF



NELLY



SANTO



BOUQUET



DUKAT



ORION

GREENS & HERBS PRICING

Item #	Kind	Variety	Code pg 3	Price Per LB				
				1 oz	1 /4 lb	1 lb	10 lb	25 lb
77572	Arugula	Astro	Unt		8.25	24.55	22.30	21.20
83947	Basil	Italian Large Leaf	Unt		6.15	18.25	16.55	15.75
64572	Chives	Nelly	Unt	10.35	28.85	86.10	78.25	74.52
84500	Coriander	Santo	Trt			9.85	8.95	8.50
84501	Dill	Bouquet	Trt			14.50	13.15	12.50
84502	Dill	Dukat	Trt			14.50	13.15	12.50

GREENS & HERBS PRICING

Item #	Kind	Variety	Code pg 3	Price Per M M=1000 Seeds		
				50 M	250 M	1000 M
80949	Arugula	Grazia	Trt	0.06	0.05	0.04
84503	Basil	Eleonora	Trt	0.22	0.20	0.19
				1 M	10 M	50 M
84504	Fennel	Orion	Unt	9.15	8.30	7.90

Strain ↓	Closest Relatives	Scent Profile	CBD to THC Ratio	Plant Shape	Flower Type
CBG BERRY	High CBG Fiber x Durban	Floral, Berry, Sweet	130:1	Medium Height, Dense	Dense, Stacked
CHERRY BLONDE	Cherry Wine x Hot Blonde	Cherry, Floral, Citrus	30:1	Bushy	Dense, Resinous Colas
CHERRY BLOSSOM	Cherry Wine x Berry Blossom	Sweet, Cherry, Berry, Floral	30:1	Tight Node Spacing, Broad Fan Leaves, Short and Busy	Tight Round Buds, Dark Color
CINDERELLA STORY	Hot Blonde x Queen Dream	Citrus, Pine, Hops	28:1	Short, Bushy, Tight Growth	Large, Tight Colas
CLOUD BERRY	Hot Blonde x Cherry Blossom	Sour, Cherry, Floral	37:1	Short, Bushy, With More Lateral Branching	Forest Green, Dense Buds
GS1 APRICOT AUTO	Hot Blonde x Finola	Sweet, Apricot, Lemon, Fruity	25:1	Significantly Shorter Than Other Varieties	Dense, Tightly Spaced
HOT BLONDE	Berry Blossom X R5	Citrus, Pine, Gas, Floral	31:1	Short, Bushy, Medium Growth Rate	Large Indica Colas, Cone-shaped Flowers
QUEEN DREAM	R5 x The Wife	Citrus, Candy, Sweet, Floral	25:1	Short, Tight Growth off the Main Stock	Medium Size, Tight Buds, Hybrid Structure
AUTOCBD (NBS-CBD-1)	Autoflower	Musky, Citrus, Pepper, Spicy	26:1	Short, moderately apical dominance.	Moderately large, medium dense colas
AUTOCBD F1	Autoflower	Musky, Citrus, Pepper, Spicy	27:1	Short, moderately apical dominance.	Large, dense to moderately dense colas
PHOTOCBD	Photo x Autoflower	Sweet, Berry, Musky	28:1	Tall, upright growth with long internode spacing and open plant structure.	Long dense colas on terminal branches with pink pistils

ADDITIONAL INFO

Strain ↓	Height*	Width*	Germination	Feminization	Yields	Additional Information
CBG BERRY	3-4 ft	3 ft	99%	99%	1/2 -1 lb	Yields high levels of the cannabinoid, CBG, which has been shown to have uplifting, pain relief, anti-inflammatory, and cancer fighting effects. This variety has little to no THC with a mild terpene profile.
CHERRY BLONDE	5-6 ft	4 ft	98%	99.90%	1-2 lb	Slightly bushier than the standard cherry wine, packing on dense highly resinous colas. Great potential for high flower and oil yields.
CHERRY BLOSSOM	4-5 ft	4 ft	96%	99.90%	1-2 lbs	Has an early flowering time. making it an ideal choice for areas affected by an early frost period. It has also been known to produce CBD : THC ratios as high as 43:1.
CINDERELLA STORY	5-6 ft	4 ft	99%	99.90%	1-2 lb	Extremely phenotypically consistent which allows farmers to harvest the entire crop at once without having to worry about immature flowers.
CLOUD BERRY	5-6 ft	4 ft	96%	99.90%	1-2 lb	An excellent option for smokable flower and oil due to its high cannabinoid content and delicious terpene profile.
GS1 APRICOT AUTO	2-3 ft	2-3 ft	97%	99.90%	1/4-1/2 lb	Gives farmers the ability to harvest multiple crops during the summer region. It is also viable in regions with very narrow growing seasons like Alaska and the Northern United States.
HOT BLONDE	5-6 ft	4 ft	99.00%	99.90%	1-2 lbs	Excellent for both smokable flower and extraction purposes.
QUEEN DREAM	5-6 ft	4ft	99%	99.90%	1-2 lb	Has a slightly later flowering time, allowing for larger vegetative plants and therefore increased yields.
AUTOCBD (NBS-CBD-1)	2-3 ft	2 - 2 1/2 ft	90-97%	99.98% +	0.6-0.9 lb	Feminized, day-neutral hemp variety that produces CBD-rich flower for extraction in an average of 75 days. Adapted for high density planting conditions. Short time to maturity allows for multiple cycles annually in regions with long growing seasons.
AUTOCBD F1	2 1/2 - 3 1/2 ft	2 1/2 - 3 ft	>90%	99.00%+	1-1 1/2 lb	Feminized, day-neutral hemp with an exceptionally high yield and high CBD. Excellent uniformity provides for efficient and mechanized production.
PHOTOCBD	5-6 ft	3-4 ft	>90%	99.00%+	1-2 lb	Feminized, photoperiod (short day) with early vigor, flowering, and maturity makes it a good choice for areas prone to late season disease pressure or when an early harvest is desirable. Tall, open plant structure and excellent uniformity allows for mechanical harvest and high plant density.

*Height and width depending on planting time

*Must be 18 or older to purchase Hemp Seed

*Please review your state or country’s guidelines and regulations before purchasing hemp seed. Gowan Seed will not sell hemp seed if you reside in a state or country where hemp seed is not yet legal for sowing.

*For more details, please visit: www.ams.usda.gov/rules-regulations/hemp

*Please contact your Seed Consultant (pg 1) for pricing or to place an order.

Notice to Hemp Seed Buyers!



Not all seed is created equal.

We know that sourcing reliable seed is the biggest decision a Grower will make. Backed by Phylos experts, our autoflower and photosensitive hemp varieties are rigorously tested and produce predictable, stable results. Contact your local Gowan sales representative for more details.



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Where Good Ideas Grow™

When earliness, uniformity and yield matter.



Prism



Granite

Getting the best out of nature

Positioned right at the start of the food chain, we apply state-of-the-art techniques to the rich genetic diversity nature offers us. With a global network of leading research institutes and universities, we are constantly working to further improve the effectiveness and efficiency of the seed breeding process. Together with our partners, we can make our vegetables tastier, more appealing, easier to prepare and even more healthy.



RIJK ZWAAN

Sharing a healthy future



Cherokee RZ



Lorikeet RZ



Topma RZ

Cherokee RZ

Lettuce

- Red batavia lettuce with thick leaves
- Bright triple red color with striking appearance
- Very resistant to bolting
- Long shelf life

Lorikeet RZ

Spinach

- Semi-savoy variety for baby leaf summer
- Improvement on resistance and type
- Great intermediate resistance against downy mildew
- Good for convenience markets
- Oval leaves with upright growth habit

Topma RZ

Cabbage

- Round blue-green hybrid cabbage with uniform head size and great wrapper leaves
- Great for fresh marketing and processing
- Compact filling, short core, strong frame and FOC tolerant
- 75-80 days to maturity, 3-7 lbs with great field holding capabilities

Rijk Zwaan USA & Canada | rijkzwaanusa.com | (831) 455-3000

Item #	Variety	Days (DS) ↓	Leaf Color, Type	Features
84493	ARUN Hybrid	50	Dark Blue-Green, Heavy Savoy	Earlier maturing, darker color with larger leaves. Has the ability to take heat differentiates Arun from other hybrid varieties.
48510	BLUE RIDGE Hybrid	55	Dark Blue-Green, Heavy Savoy	Widely adapted with semi-tall erect plant. Long harvest period for stripping but also suitable for machine harvesting and processing.
88048	SCARLET	75-90	Violet, Green, Heavy Savoy	Tall 2-3' plant with frilly, blistered reddish/green leaves. Leaves will turn more scarlet after frost but are red even when plant is small. Frost tolerant.
84495	VATES BLUE CURLED	56	Dark Blue-Green, Heavy Savoy	Vates (aka Blue Scotch) is an open-pollinated version of curly kale. Easy to grow and will produce spring through fall. Better suited for cutting smaller leaves and not stripping.
61112	LACINATO	60-80	Dark Blue-Green, Long Strap	Primitive "Dinosaur" kale with long 10" leaves, 3" wide. Frost hardy which will enhance flavor.



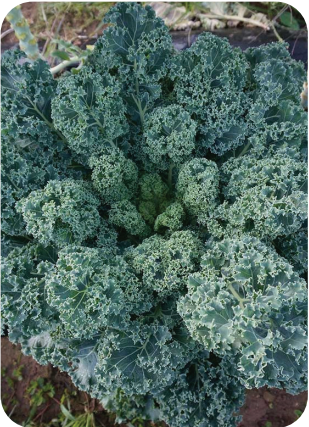
ARUN



BLUE RIDGE



SCARLET



VATES BLUE CURLED



LACINATO

KALE PRICING

Item #	Variety	Code pg 3	Price Per M or LB			M=1000 Seeds		
			1 M	2.5 M	10 M	50 M	100 M	1000 M
84493	Arun	Trt	8.95	8.25	8.00	7.80	7.50	7.14
48510	Blue Ridge	Trt	9.35	8.60	8.35	8.15	7.85	7.45
88048	Scarlet	Unt			0.68	0.55	0.50	0.47
					1 / 4 lb	1 lb	5 lb	25 lb
61112	Lacinato	Unt			9.10	27.50	26.35	25.20
84495	Vates Blue Curled	Trt				12.00	11.50	11.00

Is there anything kale can't do for your health?

One thing is certain – kale is loaded with vitamins A, C and K, also containing a respectable amount of minerals like potassium, magnesium, calcium, iron and manganese, as well as fiber and protein.

If all vegetables could turn into some comic book superheroes, kale would for sure be the first among equals.

So, don't hesitate and welcome this super green into your home!

FUN FACT: Kale belongs to the same family as Cabbage, Brussels Sprouts, and Collards.

KOHLRABI • LEEK

Item #	Variety	Days (DS)↓	Bulb Shape	Fruit Color	Features
77709	AZUR STAR	48	Flat, Round	Deep Purple	Early maturing, appealing purple color with flat, round tender bulbs on high stalks. Easy to trim and bolting tolerant.
77716	QUICKSTAR Hybrid	49	Flat, Round	Pale Green	Early maturing flat-round pale green bulbs that are uniform in size and shape.
46598	WINNER IMPROVED HYBRID	57	Semi-Globe	Pale Green	Large and heavy smooth bulbs that may weigh up to one pound. Plant is upright, light green, attractive, and easy to clean.
84505	KOSSAK Hybrid	85	Round, Huge	White	Bulbs often reach 8 pounds without getting woody. Dense flesh, sweet flavor.



AZUR STAR



QUICKSTAR



WINNER IMPROVED



KOSSAK

KOHLRABI PRICING

Item #	Variety	Code pg 3	Price Per M					M=1000 Seeds
			1 M	2.5 M	10 M	50 M	100 M	
77709	Azur Star	Unt	10.75	9.98	9.55	9.12	8.60	
84505	Kossak	Trt	24.25	22.50	21.53	20.56	19.40	
77716	Quickstar	Unt	8.31	7.71	7.38	7.05	6.65	
46598	Winner Improved	Trt		4.49	4.30	4.10	3.87	

LEEK

Item #	Variety	Days (DS)	Harvest Season	Resistance/Tolerance	Features
84510	MATEJKO RZ Hybrid	85	Summer, Fall	IR:Pa, Tt	Blue Green Autumn type that has a modern plant type, earlier maturing and very uniform in size and shape. Upright leaves, easy to harvest and pack.
52971	TADORNA	95	Fall, Winter		Blue Green Autumn type that has demonstrated commercial success. Upright style, clean plant, and very productive. Long white shank, distinctive transition to green.

LEEK PRICING

Item #	Variety	Code pg 3	Price Per M				M=1000 Seeds
			1 M	5 M	25 M	100 M	
84510	Matejko RZ	Trt/Pr/Pel	21.95	21.10	20.20	19.30	17.69
52971	Tadorna	Trt	4.85	4.65	4.45	4.25	3.89
84511	Tadorna	Trt/Pel	5.30	5.05	4.85	4.65	4.24



MATEJKO RZ



TADORNA

Call us today to place your seed order!
(see page 1 for details)



Create a Measurable Difference with Our Seed Technologies

Growers use the latest, most advanced tools to produce the best vegetables in the world.

It all begins with Gowan's seed and our seed technologies—the highest quality pelleting, priming and coating enhancements. We deliver the measurable difference so you can deliver the most healthful, delicious, and affordable vegetables.

Ask Gowan Seed about Seed Dynamics' organic and conventional seed treatments.

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LETTUCE

ROMAINE

Item #	Variety ↓	Days (DS)	Leaf Type	Size	Resistance/ Tolerance	Features
84563	ARROYO	65	Savoyed	Tall, Upright	HR:Bl:16-27,29,32, 34,36EU, Bl:1-8US, TBSV, IR:Rs	Tall, upright dark green variety that has demonstrated superior performance in warmer harvest periods. Well suited for packing romaine sleeves or 24 count cartons.
88157	BLUEROCK NEW	65	Medium-Dark Green	Tall, Upright	HR:Bl:7-9, Nr, TBSV T:Tip Burn	Great versatile full season variety for carton, processing, and heart use with medium dark green color and low core. Adapted for all Eastern growing conditions to harvest from Spring to Fall. Easy to cut, trim, and pack.
84564	CALSHOT <i>Red</i>	65	Robust Red, Smooth Leaf	Very Erect	IR:Bl1-16,19,21,23	The first and only red romaine with predominately red head color and the ability to make commercial market weight. Upright plant habit, easy to pack with minimal trimming lose. Bright, dark, glossy red leaves with contrasting dark green ribs make Calshot an "EyeCatcher".
84566	COASTAL STAR	65	Dark Green, Smooth	Tall, Upright	IR:Rs	Ideal dark green color, tall upright plant type make Coastal Star a preferred variety for hearts and cartons. Widely adapted and proven performance.



ARROYO



BLUEROCK



CALSHOT



COASTAL STAR

All lettuce varieties listed have been Elisa tested (30,000 seed sample) and is free of seed borne Lettuce Mosaic Virus (LMV).

LETTUCE PRICING

Item #	Variety	Code pg 3		Price Per M	M=1000 Seeds		
BOSTON/BUTTERHEAD			1 M	10 M	100 M	400 M	4000 M
84540	Harmony	Unt/Pr/Pel		2.02	1.85	1.76	1.68
84541	Skyphos RZ	Trt/Pr/Pel	10.58	9.30	8.53	8.14	7.75
CRISPHEAD/ICEBERG				10 M	100 M	400 M	4000 M
84559	Sun Devil	Pel		2.10	1.93	1.84	1.75
GREEN/RED LEAF			1 M	10 M	100 M	400 M	4000 M
84560	Bergam's Green	Unt/Pr/Pel		2.22	2.04	1.94	1.85
84561	Cherokee RZ	Trt/Pr/Pel	7.10	6.24	5.72	5.46	5.20
84562	New Red Fire	Unt/Pr/Pel		1.92	1.76	1.68	1.60
77788	Starfighter RZ	Trt/Pr/Pel	7.10	6.24	5.72	5.46	5.20
ROMAINE				10 M	100 M	400 M	4000 M
84563	Arroyo	Unt/Pr/Pel		2.76	2.53	2.42	2.30
88157	Bluerock	Unt/Org Pel		2.82	2.59	2.47	2.35
84564	Calshot	Trt/Pel		1.62	1.49	1.42	1.35
84566	Coastal Star	Unt/Pr/Pel		2.22	2.04	1.94	1.85

The Benefits of Primed/Pelleted Seeds

Pelleting seed is a process of taking very small seed and making it larger, more uniform in size and shape for easier and more accurate planting. The increased size and density of the seed is done by adding specific inert powders rolled on the seed to make a ball. Because of easier handling, more accuracy in seeding is achieved, less seed is used, a more uniform stand is achieved and less thinning is required after germination.

Some species require light to germinate while other species require a very specific temperature range to germinate.

Priming seed is a process that breaks the requirement for light to be present to germinate (photo dormancy) and widens the temperature range (thermal dormancy) in which seeds will germinate. An increased percentage of seeds will germinate faster and more uniformly.

The combination of primed/pelleted seed is a great advantage for seeds such as lettuce, endive and escarole which are small seeds that tend to be susceptible to either photo or thermal dormancy.

BOSTON/BUTTERHEAD

Item #	Variety	Days (DS)	Head Description	Leaf Type	Resistance/Tolerance	Features
84540	HARMONY	68	Dark Green, Large, Moderate Heading	Glossy, Smooth	IR:Bl:1-17, 19,21,23, LMV	Large framed, dark green color and can be harvested in warm conditions. Proven variety for eastern butterhead lettuce.
84541	SKYPHOS RZ Red	68	Red, Large, Full Heading	Predominately Red, Smooth Texture	HR:Bl:16-26, 32EU, Nr:0, IR:LMV:1	Brilliant red head color with vibrant green interior from core. Slow to bolt. Large heading. Positive attributes make it worth the price.

CRISPHEAD/ICEBERG

84559	SUN DEVIL	60	Uniform, Medium Frame, Sure Heading	Crisp, Smooth	T:Heat	Sure heading, slow to bolt and will develop uniform, medium sized crisp heads in Spring, Summer and Fall.
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HARMONY



SKYPHOS RZ



SUN DEVIL

GREEN/RED LEAF | SORTED BY COLOR

Item #	Variety	Days (DS)	Head Description	Size	Resistance/Tolerance	Features
84560	BERGAM'S GREEN Green	57	Dark Green, Frilly Margins	Large, Heavy Weight	HR:TBSV, IR:Rs	Very dependable, dark green, uniform loose leaf heads. Proven variety for Eastern lettuce production.
77788	STARFIGHTER RZ Green	58	Excellent Texture, Moderate Frill, Dark Green	Very Large, Heavy Weight	HR:Bl:16-25, 27, 30-32EU, Nr:0, Pb, T:Tip Burn	Incredible heavy variety that will give you an expansive harvest window because it continues to get larger and is not prone to tip burn. Slow to bolt. It may be a bit more expensive but once you grow Starfighter RZ you will experience the value.
84561	CHEROKEE RZ Red	54	Brilliant Red, Thick, Smooth, Loose Leaves	Medium Frame, Upright	HR:Bl:16,21,23, 32EU	Excellent intense dark red color with fine ribs and upright frame. Great shelf life. Proven performance and considered the new standard variety for commercial red leaf production in Eastern North America.
84562	NEW RED FIRE Red	50	Very Red, Frilly Leaves	Large, Open Frame	T:Heat	Standard variety for garden and commercial use. Nice bright red color, easy to cut, trim, and pack. Heat tolerant.



BERGAM'S GREEN



STARFIGHTER RZ



CHEROKEE RZ



NEW RED FIRE

MELONS

CANTALOUPE | HYBRID

Item #	Variety	Days (TP) ↓	Size	Netting/Sutures	Flesh Color/Cavity	Rind Color	Resistance/Tolerance	Features
77898	APHRODITE	72	6-7 lbs., 7x6.5"	Medium Coarse Net, Slight Sutures	Med-Orange, Medium	Tan	HR:Fom:0-2, Px:1, T:S	Consistent performer of large fruit with great flavor. Local and commercial shipping markets.
84515	AVATAR	72-75	7-9 lbs., 8x7.5"	Shallow Full Net	Orange, Medium Open	Tan	HR:Fom:0-2, Px:1, IR:Px:2	Early maturing, large size, high sugars and great taste make Avatar a fantastic choice to grow for local markets, CSA and Roadside. Limited shipping ability. High yields.
69847	ACCOLADE	73	7.5x6.7"	Medium Net, Slight Sutures	Med-Orange, Small	Tan	HR:Px:1, Fom:0-2 IR:Ag, Px:3.5, T:S	Improved internal fruit quality for extended shelf life. Tight seed cavity with firm flesh. Early to main season plantings. Strong and vigorous plant. Resistant to cotton aphid.
85339	ASTOUND	75	7.5x6.7"	Fine Net, Slight Sutures	Orange, Medium	Tan	HR:Px:1,2US, Fom:0-2, IR:Ag, Px:3,5, T:S	Promotes improved holdability and storage. Firmer flesh and a smaller cavity with consistent and refined netting. Main-late season plantings for SE and main season plantings for Midwest and Northeast. Resistant to cotton aphid.
67003	ATHENA	75	5-6 lbs., 6.5x6"	Coarse Net, Slight Sutures	Med-Orange, Small	Tan	HR:Fom: 0-2, Px:1,2US, T:S	Firm flesh with sweet taste and excellent for shipping.
84516	SOLSTICE	78	6-9 lbs.	Deep Sutures	Orange	Tan	IR:Px:1,2, Fom:1,2	A large deep sutured melon, similar to the old "eastern" type. Massive 6-9 lb. fruit with high yields, outstanding sugar and flavor. Brix 13%.



APHRODITE



AVATAR



ACCOLADE



ASTOUND



ATHENA



SOLSTICE

MELON PRICING

Item #	Variety	Code pg 3	Price Per M M=1000 Seeds				
CANTALOUPE			250 sds	1 M	5 M	15 M	90 M
69847	Accolade	F300	27.45	81.90	78.55	76.30	74.42
85371	Accolade	FI400	27.45	81.90	78.55	76.30	74.42
77898	Aphrodite	F300	24.40	72.80	69.80	67.80	66.14
85339	Astound	F300	26.90	80.15	76.90	74.70	72.86
79584	Astound	FI400	26.90	80.15	76.90	74.70	72.86
67003	Athena	F300	24.95	74.35	71.30	69.30	67.58
66784	Athena	FI400	24.95	74.35	71.30	69.30	67.58
84515	Avatar	Trt	20.55	61.25	58.75	57.10	55.67

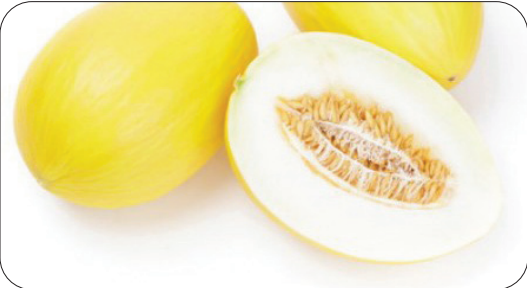
MELON PRICING

Item #	Variety	Code pg 3	Price Per M or LB M=1000 Seeds				
CANTALOUPE (CONT'D)			250 sds	1 M	5 M	15 M	90 M
77906	Goddess	Trt	19.45	58.05	55.70	54.10	52.75
85366	Minerva	F300	21.65	64.50	61.85	60.10	58.62
84516	Solstice	Trt	18.30	54.55	52.30	50.80	49.55
81434	Sweet Sunrise	F300	31.10	92.80	89.00	86.50	84.35
					1/4 lb	1 lb	5 lb
70263	Honey Rock	Unt			7.20	21.45	19.50

Call us today to place your seed order!
(see page 1 for details)

SPECIALTY | HYBRID

Item #	Variety	Type (TP) ↓	Days	Size/Shape	Netting/ Sutures	Flesh Color/ Cavity	Rind Color	Resistance/ Tolerance	Features
53785	NATAL RZ	Canary	80-95	3.3-4.4 lbs., Oval	Smooth, Slightly Ribbed	White to Light Green	Shiny Yellow	HR:Fom:0,2 IR:Gc:1, Px:2	Good vigor, easy fruit setting and great taste. Shape is oval, mature rind color is shiny yellow and the flesh is white.
84638	SUGAR CUBE	Gourmet	77	2-4 lbs., Round	Medium Net, No Sutures	Medium Orange	Tan	IR:Px1,2, Fom:0-2, PRSV, WMV, ZYMV	Uniform round personal size fruit with high yields. Super high sugar at 13 -14% brix. A Super Sweet Treat for local markets and you!
84521	SUGAR RUSH	Gourmet	72	4 lbs., Round	Medium Net, No Sutures	Medium Orange, Small	Tan	IR:Fom:0-2, Px:1,2	Top Notch Flavor for your neighbors and friends. Local market, high sugars and a big brother to Sugar Cube which was just too small to share. Uniform round shape and plenty of fruit to harvest!
84520	INFINITE GOLD	Harper/ LSL	85	9-12 lbs., Round, Oval	Heavy Net, No Sutures	Deep Orange	Tan	HR:Fom:0-2, Px:1,2	Has been bred for strong performance and long shelf life, without sacrificing great flavor and fruit quality. Strong vines, high yield potential and uniform size and shape.
84517	FULL MOON	Honeydew	82	3.5-4.5 lbs., Round	Smooth	Green	Creamy White	IR:Fom:2, Px:2	Attractive exterior and interior. Early maturing, great eating quality, Honey Dew variety for Eastern production. Most other varieties will not produce quality fruits within our short season.
84049	ORANGE SHERBET	Tuscan	85	7-8", Round, Oval	Medium Net, Deep Sutures	Bright Orange	Tan, Green Sutures		High sugars, moderate fiber and aromatic flavor make Orange Sherbet one of the best tasting melons. Makes an attractive display.



NATAL RZ



SUGAR CUBE



SUGAR RUSH



INFINITE GOLD



FULL MOON



ORANGE SHERBERT



FarMore® FI400 insecticide and fungicide combination seed treatment technology helps maximize cucurbit production by enhancing performance and quality.

Superior Disease Protection: Providing early-season protection against certain diseases including rhizoctonia spp., fusarium spp., pythium spp., and general damping-off and seedling blight.

Excellent Early-Season Insect Protection: FI400 technology contains a second generation neonicotinoid, thiamethoxam, which protects against excessive foliage damage in young plants from cucumber beetles, flea beetles, and leafminers. Thiamethoxam also eliminates or reduces the chance of virus transmission by certain insects including aphids, thrips and whiteflies.

MELON PRICING

Item #	Variety	Code pg 3	Price Per M M=1000 Seeds			
SPECIALTY			250 sds	1 M	5 M	15 M
84517	Full Moon	Trt	14.70	43.80	42.00	40.00
84520	Infinite Gold	Trt	39.65	118.30	113.30	108.00
53785	Natal RZ	Trt	25.85	77.10	73.85	70.37
84049	Orange Sherbet	Trt	11.75	35.05	33.60	32.00
84638	Sugar Cube	Trt	20.40	60.80	58.25	55.50
84521	Sugar Rush	Trt	20.40	60.80	58.25	55.50

MUSTARD • OKRA

Item #	Variety	Days (DS)↓	Leaf Characteristics	Features
34673	SAVANNA <i>Hybrid Spinach Mustard</i>	35	Smooth, Thick, Dark Green	Attractive hybrid that is slow to bolt with high yields. Large upright plant with multiple harvests in cooler season.
69298	FLORIDA BROADLEAF <i>India Mustard</i>	45	Round With Serrated Leaf Margins	Smooth medium green serrated leaves that are ideal for fresh market. Upright plant habit and good yield potential.
30976	SOUTHERN GIANT CURLED <i>India Mustard</i>	48	Heavy Curled, Frilled Margins	AAS Winner! Fast growing standard curled mustard variety.
77953	GREEN WAVE <i>India Mustard</i>	50	Heavy Curled, Frilled Margins	AAS Winner! Dark green leaves and slower bolting than Southern Giant Curled. Green Wave will perform better in high heat conditions.



SAVANNA



FLORIDA BROADLEAF



SOUTHERN GIANT CURLED



GREEN WAVE

MUSTARD PRICING

Item #	Variety	Code pg 3	Price Per LB				
			1 / 4 lb	1 lb	10 lb	50 lb	100 lb
69298	Florida Broadleaf	Trt	5.45	16.50	15.95	15.35	14.60
77953	Green Wave	Trt		12.45	12.00	11.55	11.00
34673	Savanna	Trt	37.30	113.00	109.00	105.00	100.00
30976	Southern Giant Curled	Trt		11.10	10.70	10.30	9.80

OKRA

Item #	Variety	Days (DS)↓	Plant	Pods	Features
69793	JAMBALAYA <i>Hybrid</i>	48	Very Compact, Small Leaves	Dark Green, 5-Sided	Extra early, compact, concentrated set and high yield potential of very uniform, high quality dark green pods. Performs very well in the North.
83109	CLEMSON SPINELESS 80	55	Heavy Yielding, 3-4 Feet Tall	Dark Green, 7-8" Long	Straight, slightly grooved, pointed pods are 7-8" long and spineless.



48 JAMBALAYA



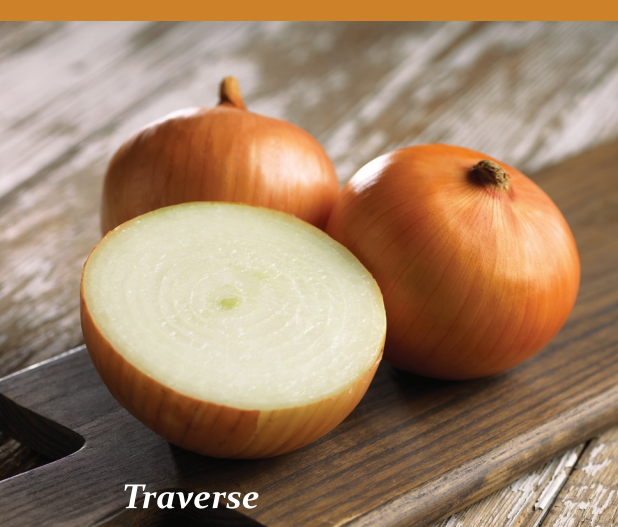
CLEMSON SPINELESS 80

OKRA PRICING

Item #	Variety	Code pg 3	Price Per LB				
			1 oz	1 / 4 lb	1 lb	5 lb	25 lb
83109	Clemson Spineless 80	Trt			4.45	4.15	3.70
69793	Jambalaya	Trt	19.15	53.45	159.50	152.25	145.00

Grow with Confidence, Grow with Gowan!

Driven by Tradition and Innovation



Traverse



Ridgeline

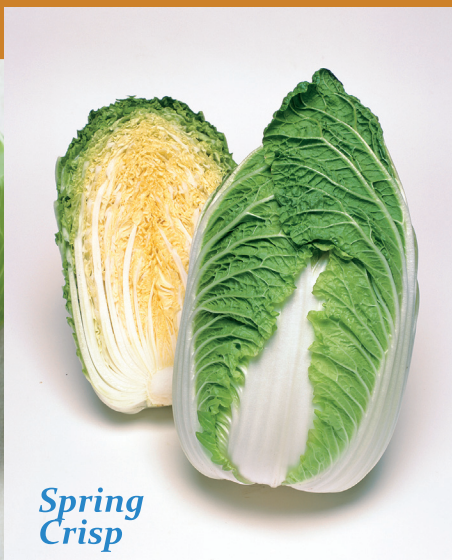


Outlander

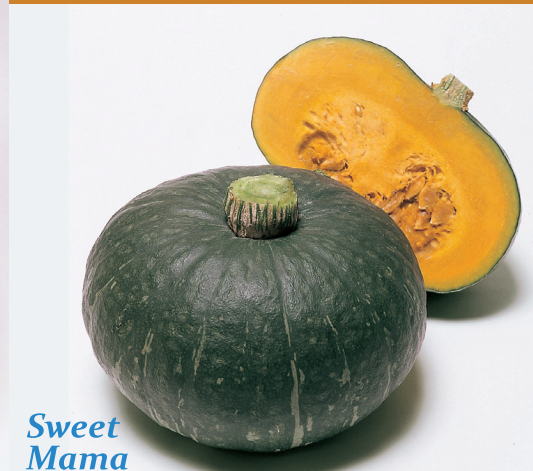
Takii knows that in addition to the exceptional genetics contained in the seeds we breed, seed health is of the utmost importance. Every Takii seed carries with it our reputation. Whether it's a root, leaf or fruit crop, we're vigilant that every seed adds to your confidence in us.



Promise



*Spring
Crisp*



*Sweet
Mama*

ONIONS

LONG DAY YELLOW | HYBRID

Item #	Variety	Days (DS) ↓	Bulb Size & Shape	Skin Color	Storage	Resistance/Tolerance	Features
85944	OUTLANDER	85	Large, Globe, 2.75-3.5"	Bronze, Brown	Short		Especially suited for transplant and early onion production. Large firm bulbs with small neck and good scales. Excellent early yield potential.
84639	HIGHLANDER	85-90	Large, Globe, 2.75-3.5"	Light Brown	Short	IR:Ba, Pd	Extra early variety with excellent size and yield. Transplant and direct seed. Performs better with irrigation. Fresh market or short term storage.
84641	TRAVERSE	105	Large, Globe	Brown	Long	IR; Foc, Pt	Long day hard globe with an upright leaf habit. Attractive, firm, uniform size and shape bulbs capable for long term storage.
84640	RIDGELINE	107	Large, Globe	Brown	Medium	IR:Foc, Pt	Long day semi-Spanish type capable of producing jumbo sized bulbs with good roots. Firm, brown scales and are slow to bolt. Medium storage.

INTERMEDIATE DAY YELLOW | HYBRID

Item #	Variety	Days (DS) ↓	Bulb Size & Shape	Skin Color	Storage	Resistance/Tolerance	Features
84642	SPANISH MEDALLION	110-115	Colossal, Jumbo, Globe	Brown	Short	IR:Pt	Late intermediate yellow that transitions into the long day Spanish types. Firm with excellent skin retention. It cuts a high percentage of single centers. Consistent yields.
62838	GREAT WESTERN	113	Extra Large, Globe	Rich Brown	Short	IR:Pt	Semi-Spanish type which produces mild flavored large/extra large/jumbo bulbs. Suitable for transplant and short term storage. High percentage of single centers.



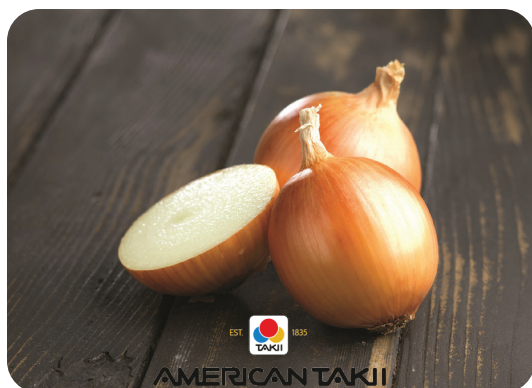
OUTLANDER



HIGHLANDER



TRAVERSE



RIDGELINE




SPANISH MEDALLION



GREAT WESTERN

Call us today to place your seed order!
(see page 1 for details)

SHORT DAY YELLOW | HYBRID

Item #	Variety	Days (DS) ↓	Bulb Size & Shape	Skin Color	Storage	Resistance/Tolerance	Features
83771	SUPEREX	Early	Jumbo, Flattened Globe	Brown, Yellow	Short		Tropic and sub-tropic short day with early maturity. Jumbo sized bulbs are firm, flattened-globe in shape with brown-yellow skin. Vidalia Superior Onion Flavors standards.
84235	SAPELO SWEET	155	Jumbo to Colossal, Granex	Light Bronze	Short	IR:Pt	Jumbo to Colossal flattened bulbs (2:1 ratio) with tight bronze skin and wide interior white rings. Tops are dark green with 7-8 leaves. Adapted to Southern States.
76103	VERONICA 	160	Jumbo to Large, Grano	Light Brown	Short	IR:Pt	Firm, extra large, round, uniform bulbs with excellent skin retention and attractive color. High percentage of single centers. Performs best within 25-35 degree latitude. Gowan Exclusive!



SUPEREX



SAPELO SWEET



VERONICA

BUNCHING

Item #	Variety	Days (DS) ↓	Size & Shape	Color	Resistance/Tolerance	Features
86463	ISHIKURA IMPROVED	66	12-16", Elongated	White		Single stalked with long, white, narrow shafts and upright tops. The best Tokyo type for post harvest quality and shipping. Commercial variety but also excellent for local markets.
77980	FEAST	67	12-16", Elongated	White	IR:Ap, Pd, T:Heat	Single stalk type. Slender white shaft, upright waxy green leaves. Resistant to Downy Mildew and Alternaria Leaf Blight. Heat tolerant for summer production. Very efficient to harvest, clean and pack.



ISHIKURA IMPROVED



FEAST

ONION PRICING

Item #	Variety	Code pg 3	Price Per M or LB		M=1000 Seeds		
LONG DAY YELLOW			10 M	50 M	100 M	1000 M	
84639	Highlander	Trt	3.86	3.55	3.24	3.09	
66496	Highlander	Unt	3.86	3.55	3.24	3.09	
83920	Outlander	Trt			3.23	3.08	
85944	Outlander	Pel/Progro/FI500	4.63	4.26	3.89	3.70	
84640	Ridgeline	Trt	3.81	3.51	3.20	3.05	
69789	Ridgeline	Unt	3.81	3.51	3.20	3.05	
84641	Traverse	Trt			3.27	3.11	
INTERMEDIATE DAY YELLOW			10 M	50 M	100 M	1000 M	
62838	Great Western	Trt	4.00	3.68	3.36	3.20	
84642	Spanish Medallion	Trt/Pel	4.11	3.78	3.45	3.29	
SHORT DAY YELLOW					100 M	1000 M	
84233	DP Sweet	Trt			4.04	3.85	
84235	Sapelo Sweet	Trt			2.84	2.70	
83771	Superex	Trt			2.52	2.40	
76103	Veronica	Trt			3.05	2.90	
BUNCHING			1 oz	1 / 4 lb	1 lb	10 lb	50 lb
77980	Feast	Trt	14.15	39.40	117.55	112.40	103.11
81504	Feast	Unt	14.15	39.40	117.55	112.40	103.11
84643	Ishikura Improved	Trt		13.00	38.75	37.05	33.99
76602	Ishikura Improved	Unt		13.00	38.75	37.05	33.99

PARSLEY • PARSNIP

Item #	Variety	Days (DS)	Leaf Type ↓	Resistance/ Tolerance	Features
45596	FOREST GREEN	70-75	Curly	T:Heat	Plants are erect and vigorous. Good holding ability and regrowth capable for multiple cuttings.
84703	DARK GREEN ITALIAN	65-70	Plain		Wide, dark green, glossy, flat leaves. Upright and vigorous growing, Attractive for bunching.
84960	EINFACHE SCHNITT	65-70	Plain, Smooth, Flat	T:Cold	The best selection of what is referred to as "Common Parsley." Finely divided leaves, medium dark color and capable of overwintering in Mid-Atlantic States. Aromatic.
84644	HAMBURG LONG ROOTED	90	Root		Tapered, white roots 8-10" resembling parsnips. Strong parsley flavor. Northern European cousin for roasting or soup.



FOREST GREEN



DARK GREEN ITALIAN



HAMBURG LONG ROOTED

PARSLEY PRICING

Item #	Variety	Code pg 3	Price Per LB				
			1 / 4 lb	1 lb	25 lb	50 lb	100 lb
84703	Dark Green Italian	Unt	6.70	16.70	15.50	15.20	14.90
84960	Einfache Schnitt	Trt	6.90	17.15	15.95	15.65	15.30
45596	Forest Green	Trt	6.70	16.70	15.50	15.20	14.90
84705	Forest Green	Unt	6.70	16.70	15.50	15.20	14.90
84644	Hamburg Long Rooted	Unt	11.70	29.15	27.05	26.55	26.00

PARSNIP

HYBRID

Item #	Variety	Days (DS)	Features
76734	JAVELIN	110	Consistent, reliable performance. Slender wedge shape root make it ideal for pre-pack market. Shallow crowns, smooth with root is easy to clean. Uniform in size and shape. Good resistance to Canker.
87956	WARRIOR	120	An attractive white root that carries its weight well down the length of the root. Very early bulking with vigorous foliage. Warrior has shown strong resistance to root canker and is ideal for lifting through to late autumn.

PARSNIP PRICING

Item #	Variety	Code pg 3	Price Per M			
			5 M	25 M	100 M	500 M
76734	Javelin	Unt	2.18	1.55	1.46	1.36
87956	Warrior	Unt	2.30	1.63	1.53	1.43



JAVELIN



WARRIOR

SHELLING, GARDEN

Item #	Variety	Days (DS)↓	Vine	Pod Size/ Shape	Peas Per Pod	Resistance/ Tolerance	Features
84652	SPRING	55	22"	3", Blunt	6-7		The benchmark early variety in the industry for many years. First early variety with excellent quality.
84645	KNIGHT	62	18-22"	4", Pointed	7-9	IR:BYMV, Ep, PEMV	Early maturing, bright green pointed pods are high yielding. Good disease package. Perfect for fresh market.
84648	PROGRESS #9	62	16-20"	4-4.5", Pointed	6-8		Broad, slightly curved pods. Early variety and excellent for U-Pick.
84646	PLS 595	65	14-18"	3.5-4", Pointed	11	HR:Ep, Fs:1,2 IR:Pv	Plants produce two long pods with on average 11 berries in each. Fresh market customers are raving about the ease of hand-picking due to high set of pods in upright plant. High yields!



SPRING



KNIGHT



PROGRESS #9



PLS 595

SNAP, EDIBLE POD

Item #	Variety	Days (DS)↓	Vine	Pod Size	Resistance/ Tolerance	Features
84655	TENDERSWEET	65	30"	3-3.5"	IR:Ep, Fop1	Vigorous plants with very high yields, multiple pickings. Stringless, fiberless, tender texture and sweet taste.
84650	SS 141	70	28-30"	3.5"	HR:Ep, Fop	Fleshy, tasty pods. Larger plants with disease resistance.



TENDERSWEET



SS 141

PEAS 101

Garden Peas
Garden peas are also sometimes called sweet peas or English peas. The pods are firm and rounded, and the round peas inside need to be removed, or shelled, before eating (the pods are discarded). The peas are sweet and may be eaten raw or cooked; these are the common peas that are sold shelled and frozen. Peas get starchy and mealy as they get larger or if they are not cooked quickly after they are picked.

Snow Peas
Snow peas are also known as Chinese pea pods since they are often used in stir-fries. They are flat with very small peas inside; the whole pod is edible, although the tough “strings” along the edges are usually removed before eating. Snow peas are mildly flavored and can be served raw or cooked.

Snap Peas
Snap peas are also known as sugar snap peas, and are a cross between snow peas and garden peas. The whole pod is eaten and has a crunchy texture and very sweet flavor. Snap peas may be eaten raw or cooked. There may be tough “strings” at the seams of the pods that need to be removed before being eaten, but stringless varieties are also now available.

PEAS

SNOW, EDIBLE POD

Item #	Variety	Days (DS)↓	Vine	Pod Size/Color	Resistance/Tolerance	Features
84656	AVALANCHE	56	24-28"	5.25", Flat, Dark Green	HR:Ep, Fop1	Rare afila-type Snow Pea with excellent stand-ability even after it sets loads of double 5.25" pods. Exceptional yields with a beautiful dark color.
62094	OREGON SUGAR POD II	68	28-38"	3.5-4.5", Flat, Light Green	IR:Ep, Fop, PEMV	High percentage of double clusters. High yielding. A more disease resistant variety.

PEAS PRICING

Item #	Variety	Code pg 3	Price Per LB			
SHELLING, GARDEN			1 lb	5 lb	50 lb	500 lb
84645	Knight	Trt	4.25	2.98	2.73	2.50
84646	PLS 595	Trt	4.93	3.45	3.16	2.90
84648	Progress # 9	Trt	3.57	2.50	2.29	2.10
84652	Spring	Trt	4.59	3.21	2.94	2.70
SNAP, EDIBLE POD			1 lb	5 lb	50 lb	500 lb
84650	SS 141	Trt	4.25	2.98	2.73	2.50
84655	Tendersweet	Trt	4.25	2.98	2.73	2.50
SNOW, EDIBLE POD			1 lb	5 lb	50 lb	500 lb
84656	Avalanche	Trt	4.08	2.86	2.62	2.40
62094	Oregon Sugar Pod II	Trt	4.17	2.92	2.67	2.45
SOUTHERN			5 lb	50 lb	100 lb	500 lb
85449	Mississippi Silver Brown Crowder	Unt	3.05	2.80	2.70	2.55
85450	Mississippi Purple Brown Crowder	Unt	3.05	2.80	2.70	2.55
84658	Queen Anne	Trt	2.80	2.60	2.45	2.35
84659	Top Pick Brown Crowder	Unt	3.30	3.00	2.90	2.75
84660	Top Pick Cream	Unt	3.30	3.00	2.90	2.75
84661	Top Pick Pinkeye	Unt	3.30	3.00	2.90	2.75



AVALANCHE



OREGON SUGAR POD II

SOUTHERN

Item #	Variety ↓	Days (DS)	Features
84658	QUEEN ANNE	68	Improved fresh market black eye pea bred for cooler regions. Compact plant, machine or hand harvest. Bright seed color.
84659	TOP PICK BROWN CROWDER	68-73	Replaces Mississippi Purple with an improved brighter pink/red pod color. Seed size and color are similar.
84660	TOP PICK CREAM	50	Early maturing. Strong upright plant type, concentrated pods with high yield potential.
84661	TOP PICK PINKEYE	50	Pale purple colored pods when ready to pick. Upright plant and pods in cluster for easy picking. Good disease and virus tolerance.



QUEEN ANNE



TOP PICK BROWN CROWDER



TOP PICK CREAM



TOP PICK PINKEYE

BELL GREEN TO RED | HYBRID

Item #	Variety	Days (TP) ↓	Fruit Size (LxW)	Plant Type	Resistance/Tolerance	Features
69578	BADGER <small>NEW</small>	68	4.5-5x4", Deep Block	Good Cover	HR:Tm:0-3 IR:TSWV	Produces glossy red, large elongated peppers on a tall plant. Uniform size and shape with medium-thick walls. For fresh market quality red and processing. Gowan Exclusive!
83288	PROVIDER	73	Large to Extra Large, Blocky	Great Cover	HR:PVY:0-1, Tm:0, Xcv:1-10 IR:TEV	High quality dark green fruit with excellent cover. Plant structure and fruit set make this a good choice for extended harvest.
86934	REGULATOR <small>NEW</small>	73-75	Blocky, Extra Large	Strong, Good Cover	HR:Tm:0, Xcv:1-10 IR:TSWV:0	Attractive 4-lobed fruit that maintains its size throughout the growing season and is widely adapted. High yields of uniform fruit. Ideal for Eastern US for main season Spring and Fall.
84683	MERCER	75	Large to Extra Large, Blocky	Large, Good Cover	HR:TMV:0 Xcv:0-3,7,8 IR: Pc	Well adapted to the Northeast and where Phytophthora is an expected problem. Plants are vigorous, sturdy, have good cover and high yield potential of good quality fruit.
83420	PLACEPACK	75	Large to Extra Large, Blocky	Good Cover	HR:Xcv:1-10, PVY:0-1, Tm:0 IR:TEV	Good cover and produces high quality dark green peppers. This variety is positioned for mainseason, Spring and Fall. With Placepack you are assured of a high percentage 4-lobed peppers.
88050	NITRO S10® <small>NEW</small>	75	Large to Extra Large, Blocky	Compact, Medium	HR:TMV:0 IR:Pc, TSWV, Xcv:0-10	High quality fruit have good size uniformity and are smooth, firm, and glossy. Adapted to Fall and Spring in SE and summer production in NE. Suited for place pack and where bacterial leaf spot is a concern.
86218	SHOGUN S10® <small>NEW</small>	75	Large to Extra Large, Blocky	Vigorous, Continuous Setting	HR:TMV:0 IR:TSWV, Xcv:0-10	Uniform, continuous setting large to extra large fruit with firm, thick walls, mostly 4-lobed. Good vigor, great cover, and high yield potential. Performs best in Fall and Spring SE and Summer in the NE.
85338	PALADIN	77	Large to Extra Large, Blocky	Compact, Vigorous, Good Cover	HR:TMV, ToMV IR:Pc	Produces quality, large to extra-large fruit on a vigorous and semi-compact plant with good cover. Has very good tolerance to Phytophthora and shows wide adaptability.



BADGER



PROVIDER



REGULATOR



MERCER



PLACEPACK



NITRO S10®



SHOGUN S10®



PALADIN

SWEET PEPPERS

BELL VARIOUS COLORS | HYBRID

Item #	Variety ↓	Days (TP)	Color	Fruit Size (LxW)	Plant Type	Resistance/Tolerance	Features
81303	ABAY	72	Green/Yellow	4.25x4.25", Extra Large	Strong Bush	HR:TM:0, Xcv:1-5	Adapted to Midwest/Northeast for mainseason and Southeast for Spring and Fall. Suitable for tunnel production.
84686	BIANCA	65	Ivory White/Light Red	3", Medium	Compact	HR:Tm:0	Strong growing compact plant, suitable for unheated greenhouse and open field production. Blocky fruits mature to a very attractive shiny white color, are medium-sized and have thick walls.
60980	DELIRIO	Mid-Early	Green/Orange	3.9", Large	Strong, Open	HR:Tm:0-3 IR:TSWV:0	Large, thick walled, 4 lobed, firm, uniform fruit matures to a beautiful dark-orange color. Perfect for local markets.
60738	FLAVORBURST	62	Lime Green/Yellow/Gold	4.5x3.25", Large	Medium, Strong		Very early maturing and continues to set big, uniform, blocky fruit with thick walls and great flavor. High yields.
84688	TEQUILA	72	Light Purple/Purple/Red	3", Medium	Open, Easy Setting	HR:Tm:0	Medium early maturing four-lobed lilac pepper with strong plant habit and medium vigor. Unique colored bell on a very productive plant.



ABAY



BIANCA



DELIRIO



FLAVORBURST



TEQUILA

GREENHOUSE | HYBRID

Item #	Variety ↓	Days (TP)	Color	Fruit Size	Plant Type	Resistance/Tolerance	Features
84689	DICAPRIO	70	Green/Yellow	3.5x3.5", Blocky	Compact, Upright, Strong	HR:Tm:0-3 IR:TSWV:0	Very adaptable. Perfect for greenhouse and tunnel production. Matures to a brilliant yellow fruit that is uniform in size, shape, and color. High quality!
69686	MILENA	70	Green/Orange	3.5x3.5", Blocky	Medium/Large, Vigorous	HR:PVY:0-1, Tm:0-3 IR:TEV, TSWV:0	Super quality fruit that matures orange early. Very uniform in size and shape. Tray pack quality! Grow in non-heated protected conditions and open field.
84691	SPRINTER	70	Green/Red	3.5x3.5", Blocky	Vigorous	HR:Tm:0-3	High yield for a long production period. Not sensitive to blossom end rot or russetting. Very adaptable and performs well in greenhouse and open field productions.



DICAPRIO



MILENA



SPRINTER

Call us today to place your seed order!
(see page 1 for details)

MINI | HYBRID

Item #	Variety	Days (TP)	Color	Fruit Size	Plant Type	Features
84692 88704 88705	ORANGE YOU SWEET RIGHT ON RED YES TO YELLOW!	Very Early	Orange, Red, Yellow	Small, Round-Flat	Medium-Strong	Small, colorful, smooth flat-round fruit are thick walled and mature early. Continuous setting with mid-strong plant vigor. Perfect for fresh snacks, grilling, stuffing or pickling. Buy all three and create your own colorful mix!
83118 83113 83116	ORANGE SWEETIE RED SWEETIE YELLOW SWEETIE	70	Orange, Red, Yellow	2.5-3" Long	Upright Bush	Extremely sweet and perfect size for snacking. Uniform fruit with open seed cavity. Grow great in open field and protected culture. High yields. Buy all three and create your own colorful mix!
88298 88299	PEPPI RED PEPPI YELLOW	NEW 75-80, Mature	Red, Yellow	4x1.75" 40-50 Grams Red 25-30 Grams Yellow	Tall	Seedless* snack peppers that are sweet and have a crisp texture. Perfect size, appearance, taste, and texture for a sweet pepper snack. Buy them both for a yellow, red and green mix. *Do not cross pollinate with other pepper varieties since some seeds may develop.



ORANGE YOU SWEET
RIGHT ON RED
YES TO YELLOW!



ORANGE SWEETIE



RED SWEETIE



YELLOW SWEETIE



PEPPI RED & PEPPI YELLOW

SWEET BANANA/HUNGARIAN | HYBRID

Item #	Variety	Days (TP)↓	Color	Fruit Size (LxW)	Plant Type	Resistance/Tolerance	Features
84948	SUPERETTE	53	Yellow/Red	8x1.75"	Upright Bush		Very early maturing with continuous production of smooth pointed fruit that's uniform in size and shape. Matures attractive color stages from yellow to orange to glossy red.
84947	SWEET SAVANNAH	54	Yellow/Red	9x2"	Upright Bush		Very early and productive. Continuous setting of an abundance large, smooth fruit that is uniform in size and shape. Often producing 2 fruit per node.
84695	DUCADO	68	Yellow/Red	7.75x1.75"	Med-Large, Upright	HR:Xcv:1-3	Tremendous yields and excellent quality on a strong upright plant. Fruit are straight, uniform, and have thick walls. Expect an abundance of marketable fruit for fresh market or processing.
55948	DOBLON	70	Yellow/Red	8x1.75"	Large, Tall	IR:TMV, TSWV	Long, straight, smooth fruit held high on strong, upright plant keeping the fruit clean and protected. Very productive.



SUPERETTE



SWEET SAVANNAH



DUCADO



DOBLON

SWEET PEPPERS

SPECIALTY | HYBRID

Item #	Type↓	Variety	Days (TP)	Color	Fruit Size (LxW)	Plant Type	Resistance/Tolerance	Features
85359	Cherry	SWEET CHERRY LARGE	63	Green/Red	1.25x2.25"	Strong Vigorous Bush		Large, flattened shaped cherry pepper perfect for stuffing. Pendant style fruit attachment to plant with slightly curved stem for efficient harvesting. An exceptional variety for fresh market and processing.
34131	Cubanelle	ARUBA	60	Light Green/Red	5.5-6.5x2.25"	Vigorous, Erect, Continuous Setting		Vigorous, erect plant produces large, straight fruit of outstanding size, yield and uniformity. Continuous setting plant provides an extended harvest period. Widely adapted.
84696	Roasting	SWEET DELILAH	72	Green/Deep Red	9x2.5"	Large, Upright	IR:TSWV	Large, thick fleshed Italian (Marconi) roasting pepper with very high yields. Can also be fried. Nice apple green, but usually marketed at mature deep red when it tastes the best. In early production it will usually have 3 lobes taper to a "sheeps nose" rather than a blunt tip.



SWEET CHERRY LARGE



ARUBA



SWEET DELILAH

SWEET PEPPER PRICING

Item #	Variety	Code pg 3	Price Per M M=1000 Seeds				
BELL GREEN TO RED			500 sds	1 M	5 M	25 M	50 M
69578	Badger	Trt	34.65	53.30	51.85	49.20	48.00
48265	Classic	Trt	33.15	50.95	49.60	47.05	45.90
84683	Mercer	Trt	55.25	84.95	82.65	78.45	76.50
81880	Ninja S10®	Trt	57.05	87.70	85.35	81.00	79.00
88050	Nitro S10®	Trt	60.15	92.50	90.00	85.40	83.30
85338	Paladin	Trt	39.10	60.10	58.50	55.50	54.13
83420	Placepack	Trt	61.00	93.80	91.25	86.60	84.46
84935	Prodigy	Trt	61.00	93.80	91.25	86.60	84.46
83288	Provider	Trt	61.00	93.80	91.25	86.60	84.46
86934	Regulator	Trt	61.35	94.35	91.80	87.15	85.00
84684	Samurai S10®	Trt	57.05	87.70	85.35	81.00	79.00
86218	Shogun S10®	Trt	60.15	92.50	90.00	85.40	83.30
84685	Touchdown	Trt	32.15	49.40	48.10	45.65	44.50
83578	Triology	Trt	56.35	86.65	84.30	80.00	78.04
BELL VARIOUS COLORS			500 sds	1 M	5 M	25 M	50 M
81303	Abay	Trt	55.25	84.95	82.70	78.45	76.53
84686	Bianca	Trt	66.60	102.45	99.70	94.60	92.29
60980	Delirio	Trt	59.65	91.75	89.25	84.70	82.62
60738	Flavorburst	Trt	35.25	54.20	52.75	50.05	48.80
84688	Tequila	Trt	67.90	104.45	101.65	96.45	94.08
GREENHOUSE			100 sds	500 sds	1 M	5 M	
84938	Celaya	Trt		41.25	184.10	274.75	255.56
84689	Dicaprio	Trt		60.60	270.70	404.00	375.79
69686	Millena	Trt		41.60	185.80	277.30	257.95
84691	Sprinter	Trt		41.00	182.95	273.05	253.98

SWEET PEPPER PRICING

Item #	Variety	Code pg 3	Price Per M		M=1000 Seeds		
MINI			100 sds	500 sds	1 M	5 M	
84692	Orange You Sweet	Trt	8.65	38.60	57.55	53.50	
88704	Right on Red	Trt	7.95	35.45	52.90	49.20	
88705	Yes to Yellow!	Trt	7.95	35.45	52.90	49.20	
83118	Orange Sweetie	F300	23.05	102.95	153.60	142.86	
83267	Orange Sweetie	F300/Film	23.05	102.95	153.60	142.86	
83113	Red Sweetie	F300	23.05	102.95	153.60	142.86	
83265	Red Sweetie	F300/Film	23.05	102.95	153.60	142.86	
81703	Red Sweetie	Unt	23.05	102.95	153.60	142.86	
83116	Yellow Sweetie	F300	23.05	102.95	153.60	142.86	
83266	Yellow Sweetie	F300/Film	23.05	102.95	153.60	142.86	
88298	Peppi Red	Trt	20.75	92.50	138.05	128.40	
88299	Peppi Yellow	Trt	20.35	90.80	135.45	126.00	
SWEET BANANA			500 sds	1 M	5 M	25 M	50 M
55948	Doblon	Trt	33.60	51.65	50.25	47.70	46.52
84695	Ducado	Trt	33.60	51.65	50.25	47.70	46.52
85332	Goddess	Trt	34.65	53.30	51.85	49.20	48.00
84948	Superette	Trt	32.75	50.35	49.00	46.50	45.35
84947	Sweet Savannah	Trt	32.75	50.35	49.00	46.50	45.35
SPECIALTY			500 sds	1 M	5 M	25 M	50 M
34131	Aruba	Trt	33.55	51.55	50.15	47.60	46.41
85359	Sweet Cherry Large	Trt	32.75	50.35	49.00	46.50	45.35
84696	Sweet Delilah	Trt	34.65	53.30	51.85	49.20	48.00

Grow with Confidence, Grow with Gowan!

ANAHEIM | HYBRID

Item #	Variety	Days (TP)	Fruit Color	Fruit Size (LxW)	Scoville Rating	Resistance/Tolerance	Features
55303	CHARGER	75	Green/Deep Red	7.5x1.5"	1,000-2,000	IR:TSWV	Smooth, flat, thick walled and modestly hot. Erect vigorous plant to protect fruit load. Heavier, darker green and larger than other Anaheim varieties.

**CHARGER****GOLDEN DAGGER****SUPER HOT HUNGARIAN****BLAZING BANANA**

HOT BANANA/HUNGARIAN | HYBRID

Item #	Variety	Days (TP)↓	Fruit Color	Fruit Size (LxW)	Scoville Rating	Resistance/Tolerance	Features
84950	GOLDEN DAGGER	56	Yellow/Red	8x2"	3,500-5,000		Very early maturing hot Hungarian/Banana stuffing pepper. Uniform yellow and matures to red. Roast, fry, slice or pickle.
85014	SUPER HOT HUNGARIAN	58	Yellow/Red	8x2.5"	3,500-6,000		Traditional Hungarian hot pepper with a larger shoulder and a little more heat. Early maturing, attractive, smooth, and creamy yellow to red fruit.
59707	BLAZING BANANA	70	Yellow/Red	9x2"	3,000-6,000	IR:Xcv:1-3	Consistent performer and continues to be the variety of choice. Early maturing, long, straight, smooth fruit on a strong plant. Exceptional for fresh market or processing.

CAYENNE | HYBRID

Item #	Variety	Days (TP)	Fruit Color	Fruit Size (LxW)	Scoville Rating	Resistance/Tolerance	Features
83020	IBERIA	71	Dull Green/Red	11x2"	1,100	IR:TMV	Improved "Long Hot Cayenne" similar to Mesilla but is more consistent in longer fruit size, shape, and color. Vigorous continuous plant type for extended harvests and higher yields.

**IBERIA****FLAT CHERRY HOT****GRANDI RED CHERRY HOT****CHERRY HOT 102****FIREBALL**

HOT CHERRY | HYBRID

Item #	Variety	Days (TP)↓	Fruit Color	Fruit Size (LxW)	Scoville Rating	Features
84945	FLAT CHERRY HOT	66	Green/Red, Flat	1.25x2"	2,500-4,000	The perfect large size and flattened shape for stuffing. Early maturing to a vibrant red color. High yielding. The preferred variety for the processing industry, but also an exceptional option for retail.
84946	GRANDI RED CHERRY HOT	67	Green/Red	1.5x2.25"	5,000-6,500	Extra large sized, very "spicy" hot cherry pepper that is early maturing. Uniform size and shape with an appealing red color when mature. More round in shape than flattened.
83343	CHERRY HOT 102	70	Green/Red	1.75x2"		Semi-flat large fruit for fresh market chopped, slicing, pickling and stuffing. Tremendous yields of uniform, moderately "spicy" fruit that are brilliant red when mature.
84681	FIREBALL	78	Green/Red	1.5x1.5"	2,500-5,000	Round, uniform in size and shape. Sweet flavor initially then followed by heat. Curved stem on fruit for faster, cleaner harvest by hand or machine pick.

HOT PEPPERS

HABANERO

Item #	Variety	Days (TP)	Fruit Color↓	Fruit Size (LxW)	Scoville Rating	Resistance/ Tolerance	Features
84676	HABANERO ORANGE	90-100	Green/ Orange	2x1"	200,000-350,000		Early with extra large fruit that turn beautiful brilliant orange.
55147	HELIOS Hybrid	85	Green/ Orange	2x1.5"	75,000		Produces large, uniform, slightly elongated but near perfect Habanero peppers, earlier than other varieties.
81869	MEGALODON Hybrid	90	Green/ Orange	Large	Very High		Large, uniform fruit maturing from green to orange. Medium plant with multiple branching, many fruit clusters and short internodes.
84675	PRIMERO RED Hybrid	75-80	Green/ Red	3.25x1.5"	40,000-50,000	IR:TSWV	One of the earliest ripening habaneros on the market, with fruit ready to harvest as early as bell peppers. Produces huge yields of fruit larger than other standard habaneros, with just about one-third the heat.
51871	REY PAKAL Hybrid	90	Green/ Red	1.5x2"	200,000	IR:CMV	Fruit matures from green to medium dark red color, uniform in size and shape and extremely hot. Upright and vigorous plants provide extended, easy picks.
83913	SUPER HABANERO Hybrid	90	Green/ Red	2x1"	200,000-350,000	IR:CMV	Large plant with excellent fruit cover. Uniform fruit that is extremely hot. Excellent in a variety of climates, including northern.



HABANERO ORANGE



HELIOS



MEGALODON



PRIMERO RED



REY PAKAL



SUPER HABANERO

Scoville scale

- Pure capsaicin 15,000,000
- Carolina Reaper 1,400,000 - 2,200,000
- Trinidad Scorpion 1,200,000 - 2,000,000
- Ghost 855,000 - 1,041,427
- Chocolate Habanero 425,000 - 577,000
- Red Savina Habanero 350,000 - 577,000
- Zutati 125,000 - 325,000
- Habanero 100,000 - 350,000
- Scotch Bonnet 100,000 - 350,000
- Thai 50,000 - 100,000
- Cayenne 30,000 - 50,000



- Aji (30,000 - 50,000)
- Tabasco (30,000 - 50,000)
- Arbol (15,000 - 30,000)
- Serrano (10,000 - 23,000)
- Hungarian (5,000 - 10,000)
- Chipotle (5,000 - 8,000)
- Jalapeno (2,500 - 8,000)
- Poblano (1,000 - 1,500)
- Anaheim (500 - 2,500)
- Pepperoncini (100 - 500)
- Bell Pepper (0)

JALAPENO | HYBRID

Item #	Variety	Days (TP)↓	Fruit Color	Fruit Size (LxW)	Scoville Rating	Resistance/Tolerance	Features
43429	COMPADRE	70	Green/Red	3.5x1.5"	4,000-6,000	HR:TMV, Xcv:2,5	Vigorous tall plants produce an abundance of large sized jalapenos with thick walls and large cavities perfect for stuffing. They get hotter as they mature from green to red. Continues to thrive and produce even under late season cool conditions.
84933	TENIENTE <small>NEW</small>	70	Green/Red	Extra Large	2,500-3,500	HR:PVY:0, Xcv:1-4	Compact to medium sized plant with a good canopy and concentrated fruit set. Uniform green color and high resistance to cracking.
69697	JEDI	70-75	Green/Red	4-4.5"	2,500-3,600	IR:Xcv:1-3	Outstanding quality and exceptional yield. Dark green, long, thick walled with tolerance to resist checking, cracking and purpling. Vigorous plant for continuous harvests.
86031	IGNACIO <small>NEW</small>	74	Green/Red	5.5-6 x 0.75-1"	2,000-3,500	HR:Xcv:1,3,5 IR:TSWV	Dark green, smooth fruit that are long and cylindrical making them perfect for uniform wheels or rings when slicing. Very high yielding due to strong and healthy plants. The best commercial "Nacho" type jalapeno variety we have trialed to date.
64213	COLOSSUS	75-80	Green/Red	5"	2,800-3,000	IR:Xcv:1-3	Semi early maturity with very large fruit on a vigorous plant. Dark green, uniform with thick walls and no checking.
83422	GABINO <small>NEW</small>	76	Green/Red	4.5x1.5"	2,000-4,000	HR:Xcv:1-3	Strong continuous setting plant produces very large, dark green shiny thick walled fruit. Perfect for fresh market and shipping. Moderately pungent. Gowan Exclusive!
85330	CATARINO <small>NEW</small>	78	Green/Red	4-6x1.5"	4,000-6,000	HR:Xcv:1-3	Jumbo sized, dark green fruit with broad shoulders tapered to a point. Very thick walls and heavy fruit weight. Excellent shelf life. Vigorous plants and fruit setting ability assure high yield potential in all growing regions. Gowan Exclusive!



COMPADRE



TENIENTE



JEDI



IGNACIO



COLOSSUS



GABINO



CATARINO



TRICKSTER

NO HEAT JALAPENO | HYBRID

Item #	Variety	Days (TP)	Fruit Color	Fruit Size	Resistance/Tolerance	Features
88178	TRICKSTER <small>NEW</small>	75	Green/Red	4-4.5"	HR:Xcv:1-3	Hybrid Non-Heat jalapeno that has a medium to large plant type continuously setting extra large, dark green, thick walled, firm, and uniform cylindrical shaped fruit. Looks may fool you!

HOT PEPPERS

POBLANO/ANCHO | HYBRID

Item #	Variety	Days (TP)↓	Fruit Color	Fruit Size (LxW)	Scoville Rating	Resistance/Tolerance	Features
41710	MASIVO	70-75	Dark Green	7x3"	1,500-4,000	HR:ToMV	Early maturing and concentrated first pick of extra large, 2 lobed, dark green high quality fruit. Early higher yields.
86035	HIDALGO	77	Very Dark Green	6.5x3.25"	800		Very dark green, mostly 2 lobed flattened fruit. Large size, great color, uniform desired shape. We have a Winner here!
83242	HITMAN	80	Dark Green	4.5x2"	1,000-2,000	HR:Tm:0	High yields of uniform, large, 2 lobed, dark green fruit. Medium early maturity make this pepper an excellent choice for growers throughout the eastern US. Open field with well-covered plant and fruit that provide protection from the sun.



MASIVO



HIDALGO



HITMAN

SERRANO | HYBRID

Item #	Variety	Days (TP)	Fruit Color	Fruit Size	Scoville Rating	Features
64160	ALTIPLANO	75	Green/Red	5"	Unrated	Very large, uniform fruit with high yields. One of the best varieties and well adapted for Eastern growing conditions.



ALTIPLANO



GHOST



GOLDEN HEAT



TRINIDAD SCORPION



TAKARA

SPECIALTY

Item #	Type↓	Variety	Days (TP)	Fruit Color	Fruit Size (LxW)	Scoville Rating	Features
85555	Bhut Jolokia	GHOST	90-100	Green/Red, Flat	2x1"	1,000,000+	New strain of Ghost pepper with improved vigor and earliness. Wrinkled fruit mature form green to red. Handle and consume this pepper with care!
83560	Finger Hot	GOLDEN HEAT Hybrid	77	Green/Red	5x0.5"	3,000-6,000	A very high yielding "finger hot" cayenne. The flesh will turn dark green to bright red at maturity. Excellent for drying.
84682	Scorpion	TRINIDAD SCORPION	100	Green/Red	1-2"	1,200,000+	Fruits have a tender fruit-like flavor which makes for a sweet- hot combination. Use extreme caution when handling fruits and warn children of the dangers of these super, super hot fruits!
69675	Shishito	TAKARA Hybrid	60	Green/Red, Flat	3.5x1"	100-500	Early, uniform and prolific. Shishito peppers have small fruit but rich, mild flavor. Compact plant has a spreading habit, short internodes, is well branched and has high production potential.

HOT PEPPER PRICING

Item #	Variety	Code	pg 3	Price Per M or LB		M=1000 Seeds		
ANAHEIM				500 sds	1 M	5 M	25 M	50 M
55303	Charger	Trt		50.15	77.15	75.10	71.25	69.50
HOT BANANA/HUNGARIAN				500 sds	1 M	5 M	25 M	50 M
59707	Blazing Banana	Trt		41.15	63.30	61.60	58.45	57.00
84950	Golden Dagger	Trt		32.75	50.35	49.00	46.50	45.35
85014	Super Hot Hungarian	Trt		32.75	50.35	49.00	46.50	45.35
CAYENNE				500 sds	1 M	5 M	25 M	50 M
83020	Iberia	Trt		31.10	47.80	46.50	44.15	43.04
HOT CHERRY				500 sds	1 M	5 M	25 M	50 M
83343	Cherry Hot 102	Trt		25.00	38.40	37.35	35.45	34.57
84681	Fireball	Trt		30.35	46.65	45.40	43.05	42.00
84945	Flat Cherry Hot	Trt		32.75	50.35	49.00	46.50	45.35
84946	Grandi Red Cherry Hot	Trt		32.75	50.35	49.00	46.50	45.35
HABANERO			100 sds	500 sds	1 M	5 M	25 M	50 M
55147	Helios	Trt	7.75	33.25	51.10	49.70	47.15	46.00
81869	Megalodon	Trt	9.00	38.20	58.75	57.20	54.25	52.92
84675	Primero Red	Trt	16.75	72.15	111.00	108.00	102.50	100.00
51871	Rey Pakal	Trt	11.00	46.90	72.15	70.20	66.65	65.00
83913	Super Habanero	Trt	12.75	54.70	84.10	81.85	77.65	75.75
84232	Yellow Flamethrower	Unt	14.50	61.85	95.15	92.60	87.90	85.71
HABANERO					1 / 4 oz	1 oz	1 / 4 lb	1 lb
84676	Habanero Orange	Unt			7.95	23.60	66.45	214.25
JALAPENO				500 sds	1 M	5 M	25 M	50 M
85330	Catarino	Trt		39.00	59.95	58.35	55.35	54.00
50706	Centella	Trt		19.35	29.75	28.95	27.50	26.80
64213	Colossus	Trt		33.95	52.20	50.80	48.20	47.00
43429	Compadre	Trt		37.65	57.85	56.30	53.45	52.10
84934	Cuatrero	Trt				46.05	43.70	42.62
83422	Gabino	Trt		30.35	46.65	45.40	43.05	42.00
86031	Ignacio	Trt		35.95	55.25	53.75	51.00	49.75
69697	Jedi	Trt		39.70	61.05	59.40	56.40	55.00
60929	Lexus	Trt		39.70	61.05	59.40	56.40	55.00
43563	Mammoth	Trt		39.70	61.05	59.40	56.40	55.00
84933	Teniente	Trt		30.80	47.35	46.05	43.70	42.62
JALAPENO						1 oz	1 / 4 lb	1 lb
84677	Jalapeno M	Trt				6.05	17.05	55.00
NO HEAT JALAPENO				500 sds	1 M	5 M	25 M	50 M
84678	Felicity	Trt		27.95	42.95	41.80	39.65	38.67
88178	Trickster	Trt		40.45	62.20	60.50	57.40	56.00
POBLANO/ANCHO				500 sds	1 M	5 M	25 M	50 M
81285	Hidalgo	Trt		34.35	52.80	51.40	48.75	47.56
86035	Hidalgo	Unt		34.35	52.80	51.40	48.75	47.56
83242	Hitman	Trt		35.40	54.45	53.00	50.30	49.05
41710	Masivo	Trt		30.35	46.65	45.40	43.05	42.00
SERRANO				500 sds	1 M	5 M	25 M	50 M
64160	Altiplano	Trt		28.15	43.30	42.15	40.00	39.00
45161	Devil	Trt		27.45	42.20	41.05	38.95	38.00
SPECIALTY			100 sds	500 sds	1 M	5 M	25 M	50 M
85224	Crackle	Unt	6.50	28.15	43.30	42.15	40.00	39.00
85555	Ghost	Trt	13.75	58.85	90.50	88.05	83.55	81.50
83560	Golden Heat	Trt	5.00	21.65	33.30	32.40	30.75	30.00
69675	Takara	Trt	9.75	37.35	63.75	62.00	58.85	57.40
84682	Trinidad Scorpion	Unt	16.75	72.15	111.00	108.00	102.50	100.00



F1 Hybrid Pepper
Badger



F1 Hybrid Pumpkin
Hawk



F1 Hybrid Butternut
Texas





Pumpkin, Cinderella

Pumpkin Cinderella is an antique French heirloom that is flat and shiny. These red-orange fruits are 6-inch-deep and 18 inch in diameter. Pumpkin Cinderella has deep ribbed sections with rough, bumpy skin. These beautiful pumpkins are 25 lbs. and can be used as decoration.

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2021 NEW SUPERSTARS



Badger Pg 51



Tons of Fun Pg 70



Catarino Pg 61



Death Star Pg 69



Spartacus Pg 69



Regulator Pg 55



Star 7001 Pg 72



Gabino Pg 61

PUMPKINS

MINIATURE

Item #	Variety	Days	Weight, Size (HxW) ↓	Shape	Texture	Plant Type	Resistance/ Tolerance	Features
83971	BUMPKIN <i>Hybrid</i>	90	4 oz., 2x3"	Flattened, Concave Top	Medium Ribbing	Semi-Bush		Cute hybrid for small ornamental market and has excellent edible qualities. Dark orange, strong handles, and excellent high yield potential. A big hit for novelty markets.
46157	GOLD DUST <i>Hybrid</i>	95	5.3 oz.	Flattened, Concave Top	Slight Ribbing	Semi-Bush	HR:Px	Dark orange, uniform, and high yields. Most fruit set close to the crown early and escape virus flecking. May produce 15% fruit that vary in shape, color, and size. Signed agreement required for purchase.
84390	WEE-B-LITTLE	95	8 oz., 3x3"	Globe	Slight Ribbing	Bush		AAS Winner! A true mini pumpkin that is very carveable. Excellent plant health on a tight bush plant.
85524	SPARK <i>Hybrid</i>	90	8 oz., 2x3.5"	Flattened, Concave Top	Slight Ribbing	Restricted Vine	IR:Px	Unique yellow and deep orange striped pumpkin with dark green, strong handles. Very vigorous plant with uniform, high yields. This ornamental is perfect for Fall decoration.
82520	JILL-BE-LITTLE	100	8.5 oz., 2.5x3-4"	Flattened, Concave Top	Deep Ribbing	Vine	IR:Px	Dark orange skin color and beautiful deep sutures make this pumpkin perfect for Fall decoration. Uniform fruit on a strong vine.
84050	MIDNIGHT <i>Hybrid</i>	77	0.5-1 lbs.	Slightly Flattened, Dark Green, Black	Deep Ribbing	Semi-Bush	IR:Px, WMV	Very dark green/black pumpkin with deep ribbing and a classic shape. Will start to turn orange approximately 2 months after storage. Great with Casperita and Orangita. Plant no earlier than June 22.
84433	FLAME <i>Hybrid</i>	90	1 lbs., 3x4.5"	Flat, Round, Yellow, Orange	Slight Ribbing	Reduced Vine	HR:Px	Yellow and deep orange striped pumpkin for ornamental or eating with a high quality squash flavor. Handles are dark green and strongly attached. Reduced vines with high yields.
38184	SWEET LIGHTNING <i>Hybrid</i>	100	1-1.25 lbs., 3x5"	Flattened Top	Deep Ribbing	Semi-Bush	IR:Px	Beautiful pale yellow and orange striped squash has outstanding decorative and eating qualities. Is one of the best flavored when used as a squash.
88508	ORANGITA <i>Hybrid</i>	80	1-1.5 lbs.	Flattened, Orange	Deep Ribbing	Semi-Bush	IR:Px	Excellent producer of slightly larger mini orange pumpkins. Nice deep ribbing with flesh and sugars similar to an acorn type. Great with Black Kat and Casperita.
84381	HALF PINT <i>Hybrid</i>	70	1-2 lbs., 4x4"	Round	Slight Ribbing	Semi-Bush, Single Runner	IR:Px	Produces extremely uniform fruit with a beautiful bright orange color, sturdy dark green handles, and high yields. Perfect for carving, painting, or decorating.
83978	HARVEST PRINCESS <i>Hybrid</i>	90	1.5 lbs.	Flattened Top	Slight Ribbing	Semi-Bush		Tremendous yields of perfect, deep orange, ribbed, miniature pumpkins. Semi-vining and sets numerous fruit per plant. Perfect for home garden or commercial growers.



BUMPKIN



GOLD DUST



WEE-B-LITTLE



SPARK



JILL-BE-LITTLE



MIDNIGHT



FLAME



SWEET LIGHTNING



ORANGITA



HALF PINT



HARVEST PRINCESS

SMALL/PIE | HYBRID

Item #	Variety	Days	Weight, Size (HxW)↓	Shape	Texture	Plant Type	Resistance/ Tolerance	Features
87055	TOUCH OF AUTUMN	95	2.25 lbs., 6x5"	Globe	Smooth	Semi-Bush	IR:Px	Excellent handles and perfect size for boxing. High yields in fruit numbers and pounds per acre.
67284	JACK SPRAT	100	3 lbs., 5x6"	Round, Blocky	Slight Ribbing	Restricted Vine	HR:Px	Consistent performance with high yields of dark orange, uniform size and shape pumpkins. Embedded dark green handles.
69515	PRANKSTER	85	3 lbs., 6x4"	Round	Shallow Ribbing	Semi-Bush	IR:Px	Uniform size and shape. Good size for boxing, painting and the school market.
84389	ANNABELLE	90	3-4 lbs.	Slightly Tall, Round	Slight Ribbing	Restricted Vine	IR:Px	Dark orange color with nice handles. A great addition to your Fall pumpkin line up!
87595	HOT CHOCOLATE <small>NEW</small>	95	5-8 lbs. 6x6"	Round, Blocky	Medium Ribbing	Full Vine	IR:Px	New and unique chocolate colored pie pumpkin that is an "Eye Catcher". Perfect shape and attractive ribbing. Strong dark green handles with a great attachment. The kids will love it!
85287	EARLY ABUNDANCE	95	4-6 lbs.	Round	Medium Ribbing	Full Vine	IR:Px	Dark orange color, uniform shape with strong, thick handles.
84401	SUNLIGHT	100	4-6 lbs.	Round	Slight Ribbing	Vine	IR:Px	AAS Winner! Unique bright yellow pie sized pumpkin. Nice uniform size, shape and color with great handles.
84395	BISBEE GOLD	90	4.5-6lbs., 6.5x6.5"	Round	Slight Ribbing	Semi-Bush	HR:Px	Pie sized, gorgeous dark orange fruit with jet black handles. Has tremendously refined ribbing and high resistance to Powdery Mildew. Early maturing on Semi- Bush plant.
84397	FALL SPLENDOR PLUS	105	5-6 lbs., 6x8"	Round, Blocky	Medium Ribbing	Restricted Vine	IR:Px	Uniform, smooth, dark orange pumpkin with good handles on a strong vine. Excellent yield potential of high quality fruit. Great for school kids.
88279	DARLING	90	6-8 lbs.	Slightly Tall	Slight Ribbing	Restricted Vine	IR:Px	Tall, uniform pie pumpkin with dark orange color and large thick handles.
84398	HIJINKS	100	7-9 lbs., 7.5x8"	Round, Blocky	Medium Ribbing	Vine		AAS Winner! Extremely uniform in size and shape. Nice long, dark green handle, making this variety great for kids and Fall decorating.



TOUCH OF AUTUMN



JACK SPRAT



PRANKSTER



ANNABELLE



HOT CHOCOLATE



EARLY ABUNDANCE



SUNLIGHT



BISBEE GOLD



FALL SPLENDOR PLUS



DARLING

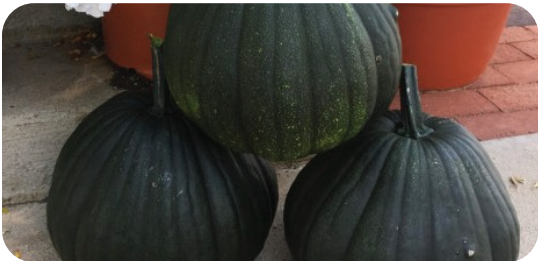


HIJINKS

PUMPKINS

MID-SIZE | HYBRID

Item #	Variety	Days	Weight, Size (HxW)↓	Shape	Texture	Plant Type	Resistance/ Tolerance	Features
84055	DARK NIGHT	100	8-10 lbs.	Globe	Medium-Deep Ribbing	Vine	IR:Px	Unique black pumkin which will retain color if planted after June 20th in the mid-west. Smaller shoulders, globe shape with moderate deep ribbing. Excellent shelf life.
88507	FALCON <small>NEW</small>	100	10-15 lbs.	Round, Oval	Moderate Ribbing	Vine	IR:Px:1,2	Dark burnt orange color with dark embedded handles. Strong plant, uniform shape, great color and moderate ribbing.
84408	MELLOW YELLOW	100	12-15 lbs.	Slightly Tall	Moderate Ribbing	Full Vine	IR:Px	True bright yellow color pumpkin with uniform size. Will be a great addition to your orange and white pumpkin display.
84407	EROS	100	12-15 lbs.	Round	Slight Ribbing	Vine	IR:Px	Deep orange color, embedded dark green handles and slightly flattened round in shape with high yields. Perfect for bin sales and local roadside markets.
84410	SKIDOO GOLD	90	12-15 lbs., 11x10"	Round, Blocky	Heavy Ribbing	Restricted Vine	IR:Px	Blocky, heavily ribbed, mid-sized hybrid with powdery mildew tolerance. Improved uniformity and color over comparable varieties in the same weight class.
88223	CARBONADO GOLD <small>NEW</small>	100	15-18 lbs.	Round, Oval	Medium Ribbing	Vine, Aggressive	IR:Px	Very dark orange color, moderate ribbing, strong dark green embedded handles and very uniform in both size and round shape. Perfect for packing 40 count bins.
84409	SECRETARIAT	105	15-18 lbs.	Slightly Flattened	Medium Ribbing	Vine	IR:Px	Dark orange with thick handles on a medium vine. Very productive with multiple fruit per plant. Perfect size and shape for packing and shipping bins.
84403	BAYHORSE GOLD	100	15-20 lbs.	Slightly Tall, Round	Medium Ribbing	Vine	HR:Px	Uniform, slightly elevated with strikingly gorgeous, very dark orange fruit and elongated dark handles. Can be used for roadside sales or wholesale shipping in 40 count bins.
85491	CARRIE	95-100	16-20 lbs.	Round	Slight Ribbing	Semi-Bush	IR:Px	Burnt orange color with an attractive uniform round shape. Has dark green handles that are firm and well attached. Perfect for roadside sales or wholesale 55 bin count.



DARK NIGHT



FALCON



MELLOW YELLOW



EROS



SKIDOO GOLD



CARBONADO GOLD



SECRETARIAT



BAYHORSE GOLD



CARRIE

MID-SIZE (Cont'd) | HYBRID

Item #	Variety	Days	Weight, Size (HxW)↓	Shape	Texture	Plant Type	Resistance/ Tolerance	Features
85111	HAWK <small>NEW</small>	95	17-20 lbs.	Oval	Medium Ribbing	Semi-Bush	IR:Px	Attractive with nice deep orange color, texture, medium ribbing, and dark well rooted handle. Excellent yielder.
87188	DEATH STAR <small>NEW</small>	100	18-22 lbs.	Round, Uniform	Slight Ribbing	Vine	IR:Px	Very uniform in size and shape. Attractive, medium sized dark orange color with thick long green handles. Gowan Exclusive!
84464	SPARTACUS	100	18-22 lbs.	Dark Orange	Medium Ribbing	Full Vine	IR:Px	This 40 count, Jack-O-Lantern offers dark orange color with very large dark embedded handles. Intermediate resistance to powdery mildew.
69672	JASON	100	20-22 lbs.	Slightly Tall	Slight Ribbing	Vine	IR:Px	Deep orange color, dark green embedded handles, and reliable yields make this Jack-O-Lantern a Winner.
79904	BELLATRIX	95	20-25 lbs.	Round	Medium Ribbing	Vine	IR:Px	Large, round attractive orange pumpkin with a strong dark green handle. Very high yield potential.
88473	CARGO PMR	100	20-25 lbs.	Tall, Round	Moderate Deep Ribbing	Short Vine	IR:Px	Perfect medium to large Jack-O-Lantern with strong green handles.
87925	SPARTAN	95	20-25 lbs., 12x11.75"	Round, Blocky Round	Deep Ribbing	Vine	IR:Px	Deep orange color, uniform shape and size with deep green, firmly attached handles. Early maturing and maintains its large size in hot growing conditions. Strong vines and high yield potential. Excellent for shipping.
84411	THOR	100	20-25 lbs., 11.5x13"	Round, Blocky	Medium Ribbing	Vine		The perfect "shipper" pumpkin with the right size, shape and handle. Thor is stress tolerant and will make yields under adverse growing conditions. Burnt orange color, uniform size, shape and good yield potential.



HAWK



DEATH STAR



SPARTACUS



JASON



BELLATRIX



CARGO PMR



SPARTAN



THOR

Call us today to place your seed order!
(see page 1 for details)

PUMPKINS

LARGE & EXTRA LARGE | HYBRID

Item #	Variety	Days	Weight, Size (HxW) ↓	Shape	Texture	Plant Type	Resistance/ Tolerance	Features
85403	EARLY KING	95	22-28 lbs.	Slightly Tall	Medium Ribbing	Full Vine	IR:Px	Early maturing on a full vine. Deep orange color, thick handles and very productive.
85402	EARLY GIANT	95	25-30 lbs.	Mostly Tall	Medium Ribbing	Full Vine	IR:Px	Very large, tall with excellent dark orange color. Early maturing and is productive on a full vine.
88472	TONS OF FUN <small>NEW</small>	105	25-30 lbs.	Round	Medium Ribbing	Restricted Vine		An amazing variety that is uniform in large size, shape and dark orange color. Handles are long, thick and maintain a dark green color for attraction and durability. Gowan Exclusive!
84415	EL TORO	105	25-35 lbs.	Round, Blocky	Medium Ribbing	Vine	IR:Px	Very uniform in size and shape. Deep orange color with thick, green embedded handles. Excellent yield potential.
84414	CHAMPION	95	30+ lbs.	Tall, Upright	Medium Ribbing	Vigorous, Medium		A big Jack-O-Lantern with earlier maturity. Tall upright shape. Attractive, medium sized handles, ribbing and color.
84412	BIG DORIS	100-105	30-35 lbs.	Round, Slightly Tall	Medium Ribbing	Vine		Large, uniform Jack-O-Lantern with thick dark green handles and burnt orange color. Good setting ability. Productive.
84413	BIG LORETTA	100	35+ lbs.	Slightly Tall	Slight Ribbing	Medium Vine	IR:Px	Uniform, attractive dark orange color with great handles. Perfect size for 28 count bins. Matures early for its size class.
84416	HULK	100	35+ lbs., 15x13"	Barrel	Medium Ribbing	Vine		Extra large barrel shape with a very dark orange color and 5" embedded handles. Has the ability to set several large, uniform size and shape pumpkins on one plant.



EARLY KING



EARLY GIANT



TONS OF FUN



EL TORO



CHAMPION



BIG DORIS



BIG LORETTA



HULK



Pink Pumpkin Patch
Foundation

PinkPumpkinPatch.org

The Pink Pumpkin Patch Foundation's purpose is to unite in the fight against breast cancer with a pink pumpkin on every porch. You can help us by spreading the word and placing a pink pumpkin on your porch this fall.



Colorado Seeds

Colorado Seeds, Inc is a seed company dedicated to the highest quality breeding and research of cucurbits. Colorado Seeds, Inc will donate \$10 of every 1,000 seeds sold to the Pink Pumpkin Foundation, a non-profit organization for breast cancer awareness.



Porcelain Doll Improved Pg 75

LARGE & EXTRA LARGE (Cont'd)

Item #	Variety	Days	Weight, Size (HxW) ↓	Shape	Texture	Plant Type	Resistance/ Tolerance	Features
82170	CAPTAIN JACK <i>Hybrid</i>	100 -110	30-40+ lbs., 15x13"	Barrel	Medium Ribbing	Long Vine, Vigorous		Very large, uniform size, dark orange color and shape. Superior yields with multiple pumpkins per plant.
84417	LARGE MARGE <i>Hybrid</i>	105	30-40 lbs., 13x13"	Round, Blocky	Medium Ribbing, Wrinkled	Full Vine		Extremely large with dark embedded handles to match the fruit size. Nice dark orange color.
79786	ATLANTIC GIANT	120	50-100+ lbs.	Variable	Deep Ribbing	Large Vine		Big Pumpkin competitors will limit the vine to one fruit which can result in "Humungus" sized pumpkins.
56880	WORLD OF COLOR <i>Hybrid</i>	120	50-125 lbs.	Multi-Colors	Various	Vigorous Vine		A blend of Monster sized pumpkins that are dark Red-Orange, White, Pink, Blue and Peach. All will be pumpkin shaped and will definitely create a brilliant display of Autumn colors.



CAPTAIN JACK



LARGE MARGE



ATLANTIC GIANT



WORLD OF COLOR

WARTED | HYBRID

Item #	Variety	Days	Weight, Size (HxW) ↓	Shape	Texture	Plant Type	Resistance/ Tolerance	Features
84418	BABY BUMPS	95	3-5 lbs.	Round		Vine		Pie size of superior warted pumpkins. Orange and green warts are sturdy for shipping and shelf life.
84420	GRIZZLY BEAR	95	5-8 lbs.	Round		Vine	IR:Px	Light brown color with warts and bumps. A real novelty pumpkin that will attract all your customers!
61425	GOOSE BUMPS II	95	8-12 lbs., 8x8"	Round		Vine		Uniform size, shape, and heavily covered with orange and green warts and bumps. Sturdy warts for bins and shipping.
84421	KNUCKLE HEAD II	105	12-16 lbs., 12x10"	Slightly Tall, Round		Vine		Heavily warted with green and orange durable warts and bumps. Unique carvable Jack-O-Lantern.



BABY BUMPS



GRIZZLY BEAR



GOOSE BUMPS II



KNUCKLE HEAD II

Call us today to place your seed order!
(see page 1 for details)

PUMPKINS

WHITE

Item #	Variety	Days	Weight, Size (HxW)↓	Shape	Texture	Plant Type	Resistance/ Tolerance	Features
83977	GOOLIGAN <i>Hybrid</i>	95	4oz., 2x3"	Flattened, Concave Top	Deep Ribbing	Vine		Hybrid Baby Boo type. Excellent yields. Vigorous vines with excellent cover, plants set high numbers of unique fruit. Edible!
88506	CASPERITA <i>Hybrid</i>	77	0.5-1 lbs., 3.5x4.5"	Flattened	Deep Ribbing	Semi-Bush	IR:Px:2, WMV	Outstanding miniature ornamental pumpkin that has edible flesh with sugar and texture comparable to acorn squash. Has strong green handles and holds its color well. Great with Midnight and Orangita.
78362	SNOWBALL <i>Hybrid</i>	90	1-2 lbs.	Round	Smooth	Vine	IR:Px	Bright white, with smooth round shape and super long green handles. Has the ability to hold nice white color under stress but also recommend to harvest when mature to protect from the sun.
81780	BLANCO <i>Hybrid</i>	105	4-6 lbs.	Round	Medium Ribbing	Restricted Vine		Uniform flattened shape, medium ribbing and long handles. Great for growers who require a consistent high quality white pumpkin. The stay white gene extends the harvest window.
69673	MOONSHINE <i>Hybrid</i>	100	8-12 lbs.	Round	Medium Ribbing	Vine		Very uniform, smooth, and perfect for decorating or carving. Long, dark green handles. Avg. 3-4 fruits per plant.
69470	WHITE FLAT BOER FORD <i>Hybrid</i>	110- 120	10-15 lbs., 6x12"	Flattened, Concave Top		Full Vine	HR:Px	A unique flat, white pumpkin. A must have for decorating, stackable, or to eat. White color holds well. Orange interior flesh.
84064	STELLA LUNA <i>Hybrid</i>	95	12-15 lbs	Round, Slightly Flattened	Slight Ribbing	Vine	IR:Px	Heavy yields of uniform fruit with an attractive color. Trailing vine habit.
84465	STAR 7001 <i>Hybrid</i>	90	18-25 lbs.	Round, Flattened	Medium Ribbing	Semi-Bush		Improvement over Flat White Boer and White Knight. Uniform, better vigor and plant type. Shallower stem attachment and smaller blossom end scar for better appearance and post harvest life.
85936	CRYSTAL STAR	100	25-35 lbs., 11x12"	Round	Smooth	Medium Vine		Bright white smooth skin is perfect for painting. Maintains its true white color through maturity.
56572	POLAR BEAR <i>Hybrid</i>	100	30-65 lbs.	Round	Slight Ribbing	Vigorous Vine		Retains its color after maturity in the field, at market, and in decorative displays. Long, vigorous vines produce on average one fruit per plant of true white pumpkins.
84428	NEW MOON <i>Hybrid</i>	80- 90	35-75 lbs.	Round	Slight Ribbing	Full Vine		Full, vigorous vines produce uniform fruit with thick white flesh. Under ideal conditions these range between 35-75 pounds. Sometimes turns slightly off-white 2-3 weeks after picking.



GOOLIGAN



CASPERITA



SNOWBALL



BLANCO



MOONSHINE



WHITE FLAT BOER FORD



STELLA LUNA



STAR 7001



CRYSTAL STAR



POLAR BEAR



NEW MOON

SPECIALTY PUMPKINS • FALL ORNAMENTALS • EDIBLES (Continues on next page)

Item #	Variety	Days	Weight, Size (HxW)↓	Shape/Color	Texture	Plant Type	Resistance/ Tolerance	Features
84442	BLAZE Hybrid	100	3 lbs. 3.5x7"	Flat, Round, Yellow, Orange	Slight Ribbing	Restricted vine	IR:Px	Ornamental yellow and deep orange striped pumpkin with dark green, strong handles. Vigorous plant will give you top yields.
82481	BLACK FUTSU	100	3-5 lbs.	Flat, Round, Blue, Green Matures to Tan		Medium Vine		Unique! Small, bumpy, heavily ribbed Japanese squash with gold flesh and a nutty flavor. Edible thin skin doesn't require peeling. Productive vines have medium sprawl and very heavy fruit set.
84065	GOLDEN BUTTA BOWL Hybrid	82- 85	3.3-5.5 lbs.	Orange		Bush	IR:Px	High quality, deep yellow flesh, orange shell with greenish blossom end. Excellent flesh with high dry matter. Bush habit with high yields that are early and compact.
84436	AUTUMN CROWN Hybrid	100	4.5 lbs.	Tan		Medium Vine		Produces an abundance of attractive early maturing fruit with reduced vines. Long storing fruits have a unique "sweet melon" aroma and flesh is deep orange with a small cavity.
84453	TURK'S TURBAN	100	5 lbs.	Turban Shaped	Smooth	Vine		Red, yellow, orange, and green colored gourd has white stripes and a scarlet top. Flesh is orange, thick, and perfect for baking and stuffing. Can be used in fall displays and resemble a colorful turban.
84059	SILVER MOON Hybrid	95- 100	5-6 lbs.	Flattened, Pale Blue	Medium Ribbing	Vine	IR:Px, ZYMV	Australian type, very pale blue with silvery white striping and speckling, dark orange color flesh. Produces uniform shape and size fruit.
83980	JARRADALE	100	7-8 lbs., 6x12"	Flattened, Blue-Grey	Deep Ribbing	Full Vine		Australian type known for its edible and decorative qualities. Attractive blue color.
64718	MARINA DE CHIOGGIA	95- 100	7-8 lbs.	Flattened Globe, Grey, Green		Vigorous Vine		Beautiful Italian heirloom squash is grey-green with ridges and bumps that resemble waves. Sweet orange flesh excellent for soup, roasting, and baking.
83981	LONG ISLAND CHEESE	108	6-10 lbs.	Round, Flattened, Tan	Slight Ribbing	Vine		An heirloom variety great for decoration because of its flattened shape, ribbing and tan color. Thick orange flesh which is edible and tasty. Often used for pies. Long storage.



BLAZE



BLACK FUTSU



GOLDEN BUTTA BOWL



AUTUMN CROWN



TURK'S TURBAN



SILVER MOON



JARRADALE



MARINA DE CHIOGGIA



LONG ISLAND CHEESE

PUMPKINS

SPECIALTY PUMPKINS • FALL ORNAMENTALS • EDIBLES (Cont'd)

Item #	Variety	Days	Weight, Size (HxW)↓	Shape/Color	Texture	Plant Type	Resistance/ Tolerance	Features
85842	JADE KNIGHT <i>Hybrid</i>	90	7-10 lbs.	Oblate, Green	Deep Ribbing	Vine	IR:Px:2, ZYMV	Unique specialty pumpkin with deep ribbing and bright yellow high quality flesh. High yields.
88511	PORCELAIN PRINCESS <i>Hybrid</i>	100	7-10 lbs.	Oblate, Flattened, Pink	Deep Ribbing	Trailing Vine	IR:Pcu, Px	Table top PINK pumpkin smaller than Porcelain Doll. Great for decoration or eating. Attractive with bright orange flesh that tastes great. Excellent yielder.
64720	AMERICAN TONDO	100	8-10 lbs.	Round, Yellow/Orange, Green	Broad Ribbing	Full Vine		Attractive and unique ornamental squash, deep orange skin with mottled green stripes between its thick orange ribs. When the fruit is young it is a two-tone speckled green and can be eaten like squash.
84432	CAMILLA (HSC209) <i>Hybrid Hull-less</i>	100	8-10 lbs.	Slightly Tall, Round, Orange, Green Stripes	Smooth Ribbing	Medium Vine		Produces true hullless seeds lacking a hard seed coat. Seeds are lighter green in color, and take on a fresher appearance when roasted or baked.
88232	JESTER <i>Hybrid</i>	100	8-10 lbs.	Blocky, Oval, Reddish/Orange	Heavy Ribbing	Vine	IR:Px	Specialty reddish/orange skinned pumpkin has a blocky, oval shape with heavy ribbing and light warts. Grows on a semi-trailing plant with good yields that set early on the vine.
84014	TRIAMBLE	105	8-12 lbs.	Blue, Green		Vigorous Vine		Triangular shaped heirloom variety with dry, sweet flesh. Wonderful flavor and flesh quality great for eating, baking, or ornamentals.
83983	UGLY DUCKLING	100	8-13 lbs.	Slightly Flattened	Slight Ribbing	Vine		French heirloom ornamental pumpkin (cinderella type). Skin color ranges from pale yellow to a deep dark orange with an occasional green stripe. Do not expect uniformity in size, shape and color. This is what makes Ugly Duckling desirable.
83969	AUTUMN BUCKSKIN <i>Hybrid</i>	110	12-15 lbs., 8X13"	Slightly Flattened, Buff	Deep Ribbing	Large Vine		Dickenson hybrid developed for both processing and decorative markets. Unique buff colored rind and deep orange flesh with very high sugars. Excellent yields with up to 5 pumpkins per plant.
84437	GREY GHOST <i>Hybrid</i>	100	12-15 lbs.	Flattened, Round, Grey		Vigorous Vine		Grey Crown type most recognized as a pumpkin in New Zealand. Outstanding eating quality. Produces good yields of uniform fruit that has good storage ability.



JADE KNIGHT



PORCELAIN PRINCESS



AMERICAN TONDO



CAMILLA (HSC209)



JESTER



TRIAMBLE



UGLY DUCKLING



AUTUMN BUCKSKIN



GREY GHOST

SPECIALTY PUMPKINS • FALL ORNAMENTALS • EDIBLES (Continues on next page)

Item #	Variety	Days	Weight, Size (HxW)	Shape/Color	Texture	Plant Type	Resistance/ Tolerance	Features
84007	CUSHAW GREEN STRIPED	112	12-16 lbs.	Curved Neck, Creamy White with Green Mottled Stripes		Large Vine		Sweet pale yellow flesh is tasty and can be used for pies, canning, or stock. Long neck with bulbous stem end. Good for ornamental displays.
84057	RITZ Hybrid	100	14-20 lbs.	Oblate, Round, Reddish	Slight Ribbing	Vine		Round to oblate, slightly ribbing reddish skin great for carving Large and good yielding with a trailing vine habit.
84054	MR. FUGLY	100	15-20 lbs.	Mostly Round, Pale Orange	Deep Ribbing	Vine		A pale orange skin with dimpling. An excellent yielder of large, heavy fruit. Great for carving. Kind of ugly, kind of Cute!
88509	PORCELAIN DOLL IMPROVED <small>NEW</small> Hybrid	110	15-20 lbs.	Oblate, Flattened	Deep Ribbing	Trailing Vine	IR:Pcu, Px	Improved Exotic Pink color compared to Porcelain Doll when mature and planted at a population under 2,000 plants/ acre. Expect the same deep orange, sweet flesh than can be utilized in pies, soups and all gourmet culinary delights.
83974	FAIRYTALE	115	20 lbs., 6x15"	Flattened, Buff	Deep Ribbing	Long Vine		Gorgeous, big, flat fruits are heavily ribbed and look similar to large wheels of cheese. Ripen to a rich brown when fully ripe. Deep orange flesh is very fine grained, one of the best for baking. Long season maturity.
84434	ONE TOO MANY	110	20 lbs., 14x14"	Mostly Round, White with Red Veins	Course Netting	Large Vine		A unique novelty pumpkin. The fruit skin has a white background with red veins that crawl across the surface. Thus the appearance of a blood shot eyeball and perhaps "One Too Many".
84435	RED WARTY THING	110	20 lbs., 14x14"	Round, Bright Orange	Warty	Large Vine		Good eating hubbard type with a very hard, thick and colorful rind. Well suited for the unusual decorative market.
84051	BLUE DOLL Hybrid	100	20-24 lbs.	Square, Exotic Blue	Deep Ribbing	Full Vine	IR:Px	Blue toned color, square, blocky shaped pumpkin with deep sutures. Flesh is deep orange and can be used for soup, pies and pastry. Unique!
84056	INDIAN DOLL	100	20-24 lbs.	Almost Square, Deep Orange	Deep Ribbing	Full Vine	IR:Pcu, Px	Vibrant orange exterior, sweet orange flesh for sweet treats and soups. Attractive for Fall decorations also.



CUSHAW GREEN STRIPED



RITZ



MR. FUGLY



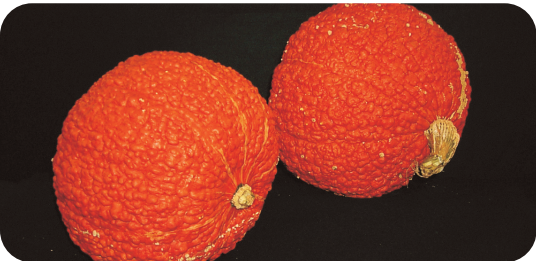
PORCELAIN DOLL IMPROVED



FAIRYTALE



ONE TOO MANY



RED WARTY THING



BLUE DOLL



INDIAN DOLL

PUMPKINS

SPECIALTY PUMPKINS • FALL ORNAMENTALS • EDIBLES (Cont'd)

Item #	Variety	Days	Weight, Size (HxW) ↓	Shape/Color	Texture	Plant Type	Features
83973	CINDERELLA	100	25 lbs., 6x18"	Flat, Red-Orange	Medium Ribbing	Vine	Flattened pumpkin known for it's brilliant red color. Shaped like Cinderella's fairytale carriage. A beautiful and decorative favorite.
56862	GALEUX D'EYSINES <i>Peanut</i>	95- 100	25-28 lbs.	Pink with Beige Bumps		Vine	Unique and beautiful with bumps that resemble peanuts. Shape similar to a wheel of cheese. Great baking, as its orange flesh is smooth and sweet.
84010	CUSHAW ORANGE	110	20-35 lbs.	Long Curved Neck, Dark Green with Golden/Orange Mottling		Vigorous Full Vine	Large fruit with oblong-butternut shape skin good for home or market growers. Orange will fade to tan in storage but taste will remain full and fresh.



CINDERELLA



GALEUX D'EYSINES



CUSHAW ORANGE

PUMPKINS PRICING

Item #	Variety	Code pg 3	Price Per M or LB M=1000 Seeds				
MINIATURE			250 sds	1 M	3 M	30 M	75 M
84433	Flame	Trt	24.00	79.95	75.75	72.20	70.75
46157	Gold Dust	FI400	14.40	47.95	45.40	43.25	42.40
84381	Half Pint	FI400	13.90	46.25	43.80	41.75	40.90
82520	Jill-Be-Little	Trt		11.90	11.25	10.75	10.50
84050	Midnight	Trt	21.50	71.45	67.65	64.50	63.22
84062	Orangita	Trt	19.30	64.05	60.65	57.85	56.68
88508	Orangita	FI400	21.10	70.30	66.60	63.50	62.21
85524	Spark	Trt	19.20	64.00	60.60	57.75	56.60
38184	Sweet Lightning	FI400	16.00	53.25	50.40	48.05	47.10
84390	Wee-B-Little	FI400	8.60	28.45	26.95	25.70	25.15
82060	WeeeeeOne	FI400	18.90	62.75	59.40	56.65	55.50
MINIATURE			1 oz	1/4 lb	1 lb	5 lb	25 lb
83971	Bumpkin	Unt	10.25	27.60	91.80	88.80	85.75
83978	Harvest Princess	Unt	7.75	20.90	69.55	67.30	65.00
SMALL/PIE			250 sds	1 M	3 M	30 M	75 M
84389	Annabelle	FI400	29.60	98.50	93.30	88.90	87.15
85525	Bisbee Gold	Trt	25.60	85.10	80.60	76.85	75.30
84395	Bisbee Gold	FI400	27.50	91.40	86.55	82.50	80.85
78263	Chucky	FI400	25.50	84.75	80.25	76.50	75.00
88279	Darling	FI400	23.20	77.15	73.05	69.65	68.24
85287	Early Abundance	FI400	21.60	71.85	68.00	64.85	63.55
84397	Fall Splendor Plus	FI400	25.70	85.60	81.10	77.30	75.75
84398	Hijinks	FI400	25.70	85.60	81.10	77.30	75.75
87595	Hot Chocolate	FI400	34.60	115.30	109.15	104.05	102.00
67284	Jack Sprat	FI400	25.70	85.60	81.10	77.30	75.75
69515	Prankster	FI400	16.70	55.35	52.40	49.95	48.95
85661	Rockafellow	FI400	18.40	61.15	57.90	55.20	54.10
84401	Sunlight	FI400	31.10	103.40	97.95	93.35	91.50
87055	Touch of Autumn	FI400	9.10	30.25	28.65	27.30	26.75



FarMore® FI400 insecticide and fungicide combination seed treatment technology helps maximize cucurbit production by enhancing performance and quality.

Superior Disease Protection: Providing early-season protection against certain diseases including rhizoctonia spp., fusarium spp., pythium spp., and general damping-off and seedling blight.

Excellent Early-Season Insect Protection: FI400 technology contains a second generation neonicotinoid, thiamethoxam, which protects against excessive foliage damage in young plants from cucumber beetles, flea beetles, and leafminers. Thiamethoxam also eliminates or reduces the chance of virus transmission by certain insects including aphids, thrips and whiteflies.


PUMPKINS PRICING

Item #	Variety	Code pg 3	Price Per M or LB		M=1000 Seeds			
MID-SIZE			250 sds	1 M	3 M	30 M	75 M	
84403	Bayhorse Gold	FI400	29.10	96.75	91.60	87.35	85.60	
79904	Bellatrix	FI400	24.40	81.10	76.80	73.20	71.73	
88223	Carbonado Gold	FI400	30.00	99.70	94.40	90.00	88.20	
88473	Cargo PMR	Trt	14.90	49.50	42.50	37.00	32.50	
85491	Carrie	FI400	19.50	65.00	61.55	58.65	57.50	
84055	Dark Night	Trt	32.30	107.35	101.65	96.90	95.00	
87188	Death Star	FI400	33.10	100.15	95.45	91.45	87.15	
84404	Diablo	FI400	28.60	95.05	90.00	85.80	84.10	
84361	Eagle	Trt	23.10	76.85	72.80	69.40	68.00	
54428	Earlipack	Trt	21.50	71.60	67.80	64.60	63.33	
84407	Eros	FI400	25.50	84.75	80.25	76.50	75.00	
87115	Falcon	Trt	29.60	98.35	93.10	88.75	87.00	
88507	Falcon	FI400	31.40	104.60	99.05	94.40	92.53	
45948	Hannibal	FI400	25.50	84.75	80.25	76.50	75.00	
85111	Hawk	FI400	29.00	96.65	91.55	87.25	85.53	
69672	Jason	FI400	25.50	84.75	80.25	76.50	75.00	
84408	Mellow Yellow	FI400	31.10	103.40	97.95	93.35	91.50	
84409	Secretariat	FI400	24.10	80.25	76.00	72.45	71.00	
84410	Skidoo Gold	FI400	25.40	84.60	80.10	76.35	74.85	
84464	Spartacus	FI400	28.60	95.05	90.00	85.80	84.10	
87925	Spartan	FI400	21.80	72.45	68.60	65.40	64.10	
84411	Thor	FI400	22.90	76.20	72.15	68.80	67.42	
MID-SIZE			1 oz	1/4 lb	1 lb	5 lb	25 lb	
88188	Wolf	FI400	17.50	47.40	157.85	152.70	147.50	
LARGE & EXTRA LARGE		100 sds	250 sds	1 M	3 M	30 M	75 M	
84412	Big Doris	FI400	25.50	84.75	80.25	76.50	75.00	
84413	Big Loretta	FI400	25.50	84.75	80.25	76.50	75.00	
82170	Captain Jack	FI400	28.60	95.05	90.00	85.80	84.10	
84414	Champion	Trt	14.90	49.50	42.50	37.00	32.50	
84361	Eagle	Trt	23.10	76.85	72.80	69.40	68.00	
85402	Early Giant	FI400	21.00	69.75	66.05	62.95	61.70	
85403	Early King	FI400	21.30	70.90	67.15	64.00	62.73	
84415	El Toro	FI400	28.60	95.05	90.00	85.80	84.10	
85540	Gold Medal	FI400	17.50	58.15	55.10	52.50	51.45	
84416	Hulk	FI400	28.60	95.05	90.00	85.80	84.10	
84417	Large Marge	FI400	28.60	95.05	90.00	85.80	84.10	
88472	Tons of Fun	FI400	29.20	97.30	92.15	87.85	86.08	
56880	World of Color	Trt	52.25	94.70	315.35	298.60	284.65	279.05
LARGE TO EXTRA LARGE			1 oz	1/4 lb	1 lb	5 lb	25 lb	
79786	Atlantic Giant	Unt	9.50	25.60	85.10	82.30	79.50	
WARTED			250 sds	1 M	3 M	30 M	75 M	
84418	Baby Bumps	FI400	34.60	115.30	109.15	104.05	102.00	
84420	Grizzly Bear	FI400	34.60	115.30	109.15	104.05	102.00	
61425	Goose Bumps II	FI400	34.60	115.30	109.15	104.05	102.00	
82098	Knucklehead	FI400	34.60	115.30	109.15	104.05	102.00	
84421	Knucklehead II	FI400	34.60	115.30	109.15	104.05	102.00	
WHITE		100 sds	250 sds	1 M	3 M	30 M	75 M	
78250	Blanco	Unt	22.00	73.10	69.20	65.95	64.65	
81780	Blanco	FI400	24.50	81.45	77.10	73.50	72.05	
84053	Casperita	Trt	21.50	71.45	67.65	64.50	63.22	
88506	Casperita	FI400	23.40	77.70	73.60	70.15	68.75	
85936	Crystal Star	FI400	35.00	63.30	210.85	199.65	190.30	186.55
86471	Full Moon	Trt	32.25	58.50	194.70	184.40	175.75	172.30
83977	Gooligan	FI400	8.50	28.25	26.75	25.50	25.00	


Item #	Variety	Code pg 3	Price Per M or LB		M=1000 Seeds			
WHITE			100 sds	250 sds	1 M	3 M	30 M	75 M
69673	Moonshine	FI400		27.50	91.55	86.70	82.65	81.00
84428	New Moon	Trt	35.50	64.50	214.70	203.30	193.80	190.00
56572	Polar Bear	Trt	25.25	45.80	160.00	136.50	127.50	
78362	Snowball	FI400		27.50	91.55	86.70	82.65	81.00
84465	Star 7001	FI400		15.90	52.85	50.05	47.70	46.75
84064	Stella Luna	Trt		16.40	54.45	51.55	49.15	48.15
69470	White Flat Boer Ford	Trt		12.70	42.20	39.95	38.10	37.33
WHITE				1 oz	1/4 lb	1 lb	5 lb	25 lb
83976	Gooligan	Unt		10.25	27.60	91.80	88.80	85.75
SPECIALTY, FALL ORNAMENTALS, EDIBLES				250 sds	1 M	3 M	30 M	75 M
84442	Blaze	Trt		29.10	96.90	91.80	87.50	85.75
84051	Blue Doll	Trt		26.20	87.10	82.45	78.60	77.04
84432	Camillo	FI400		18.70	62.15	58.85	56.10	55.00
83973	Cinderella	FI400		17.30	57.65	54.60	52.05	51.00
83974	Fairytale	FI400		12.80	42.40	40.15	38.25	37.50
84056	Indian Doll	Trt		25.40	84.65	80.15	76.40	74.90
85842	Jade Knight	Trt		24.80	82.50	78.15	74.50	73.00
83980	Jarradale	FI400		6.60	21.80	20.60	19.65	19.25
88232	Jester	Trt		23.10	76.85	72.80	69.40	68.00
84054	Mr. Fugly	Trt		18.20	60.50	57.25	54.60	53.50
85256	New England Cheddar	FI400		11.40	37.90	35.85	34.20	33.50
84434	One Too Many	FI400		52.70	175.55	166.25	158.50	155.35
84052	Porcelain Doll	Trt		39.00	129.95	123.05	117.30	115.00
88510	Porcelain Doll	FI400		40.90	136.20	129.00	122.95	120.53
88509	Porcelain Doll Improved	FI400		42.60	141.85	134.35	128.05	125.53
84549	Porcelain Princess	Trt		40.70	135.60	128.40	122.40	120.00
88511	Porcelain Princess	FI400		42.60	141.85	134.35	128.05	125.53
84057	Ritz	Trt		14.60	48.40	45.80	43.70	42.80
84058	Shadow Moon	Trt		16.10	53.40	50.60	48.20	47.25
84059	Silver Moon	Trt		18.20	60.50	57.25	54.60	53.50
57187	Speckled Hound	Trt		15.30	50.80	48.10	45.85	44.94
84060	Troll	Trt		13.90	46.15	43.70	41.65	40.80
SPECIALTY, FALL ORNAMENTALS, EDIBLES				1 oz	1/4 lb	1 lb	5 lb	25 lb
83969	Autumn Buckskin	Trt		10.50	28.50	94.85	91.75	88.60
83984	Autumn Colors Cushaw	Unt		9.00	24.00	79.75	77.15	74.50
84007	Cushaw Green Striped	Unt			6.20	20.35	19.70	19.00
84010	Cushaw Orange	Unt			11.10	36.95	35.75	34.50
84435	Red Warty Thing	Trt		9.50	25.70	85.60	82.80	80.00
83983	Ugly Duckling	Unt		10.00	27.10	90.30	87.35	84.35
SPECIALTY SQUASH				250 sds	1 M	3 M	30 M	55 M
84436	Autumn Crown	Unt		10.90	32.80	31.30	29.95	28.57
82481	Black Futsu	Unt		25.00	75.50	71.95	68.95	65.75
84065	Golden Butta Bowl	Trt		15.50	46.85	44.65	42.80	40.80
84437	Grey Ghost	FI400		20.10	60.85	58.00	55.55	53.00
SPECIALTY SQUASH				1 oz	1/4 lb	1 lb	5 lb	20 lb
64720	American Tondo	Unt		9.75	26.40	80.00	75.00	71.40
56862	Galeux D'eyesines	Unt		9.75	26.40	80.00	75.00	71.40
83981	Long Island Cheese	Trt		6.75	18.50	56.00	52.50	50.00
64718	Marina De Chioggia	Unt		8.75	23.80	72.05	67.55	64.30
84014	Triamble	Unt		8.75	23.80	72.05	67.55	64.30
84453	Turk's Turban	FI400			10.50	34.80	33.75	

RADISH


Item #	Variety ↓	Days (DS)	Root Shape/Color	Top Height	Features
87917	CHAMPION	28	Globe, Bright Red	Medium	Bright red roots average 1-1.5" with firm mild flesh. Grows large without getting pithy and holds well. Resistant to cold temperatures, and is great for early or late plantings.
40961	CHERRIETTE <i>Hybrid Performax®</i>	24	Round, Bright Red	Short	Uniform size and shape and grows well under warm conditions. Use for bunch or cello. Widely adapted, proven performance.
88233	CRUNCHY DELIGHT <i>Hybrid Performax®</i> <small>NEW</small>	28	Round, Scarlet Red	Medium	Summer type that displays very nice uniformity and internal qualities. Has glossy scarlet red exterior and brilliant white interior. Tolerant to cracking and pithing. Excellent yield potential, especially in Northern growing areas.
84649	CRUNCHY KING <i>Hybrid Performax®</i>	22-28	Globe, Scarlet Red	Medium	Fantastic quality. External red and brilliant white interior. Uniform size and shape. Crunchy King has it all. Bunch or Cello, take it to the bank!
74592	CRUNCHY ROYALE <i>Hybrid Performax®</i>	25	Round, Bright Red	Medium Tall	Widely adapted and proven performance in all production areas and soil types. Best in Spring/Fall. Tops are perfect for bunching or machine harvest cellos. Expect large diameter, brilliant red exteriors, white interiors, and clean tops if bunching.
84672	FIREBALL <i>Hybrid Performax®</i>	25	Round, Dark Red	Medium Tall	Excellent dark red roots with uniform, medium tall tops. Rich red roots are uniformly large and round, making a beautiful bunch of crisp, peppery snacks or salad garnish. High yield potential.
81868	STARGAZER <i>Specialty</i>	55-60	Globe, Green Top, White Bottom, Pink Center	Medium Tall	Watermelon radish. Rosey pink interior, green and white exterior. Unique, easy to grow, mild, great taste, juicy texture and an eye catcher. Recommended to plant in summer and harvest in Fall.




CHAMPION




CHERRIETTE




CRUNCHY DELIGHT




CRUNCHY KING



CRUNCHY ROYALE



FIREBALL



STARGAZER



osborneseed.com

800-845-9113



R _ G _ N _ C

Filling empty fields.

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DAIKON & ORIENTAL | HYBRID

Item #	Variety ↓	Days (DS)	Root Shape/Color	Top Height	Resistance/ Tolerance	Features
42650	APRIL CROSS <i>Daikon</i>	60	Elongated, Slender, Bright White	Tall		Extra slow bolting Daikon for Spring and Fall harvest. White roots 12-18" long.
65311	MINOWASE SUMMER CROSS #3 <i>Daikon</i>	50	Elongated, Tapered, Bright White	Tall	HR:For, T:Heat	Dependable variety for Summer, high heat harvest. Smooth white roots 12-18" long. Great full season variety program with April Cross.
84909	TAE BAEK <i>Oriental</i>	70	Oblong, Globe, Bright Green Top Half	Tall	IR:Hb, Psm	Firm flesh with good uniformity and tall tops. Recommended to plant at high population.



APRIL CROSS



MINOWASE SUMMER CROSS #3



TAE BAEK

RADISH PRICING

Item #	Variety	Code pg 3	Price Per M or LB				
			M=1000 Seeds				
			1 M	10 M	50 M	250 M	1000 M
40961	Cheriette - Performax®	Trt		1.68	1.60	1.48	1.32
88233	Crunchy Delight - Performax®	Trt		1.78	1.69	1.57	1.40
84649	Crunchy King - Performax®	Trt		1.78	1.69	1.57	1.40
74592	Crunchy Royale - Performax®	Trt		1.68	1.60	1.48	1.32
84672	Fireball - Performax®	Trt		1.68	1.60	1.48	1.32
85517	Starburst	Unt	6.95	2.59	2.47	2.28	2.04
81868	Stargazer	Trt	7.00	2.62	2.49	2.31	2.06
DAIKON			1 M	10 M	50 M	250 M	1000 M
42650	April Cross	Trt	13.71	10.88	10.37	9.60	8.57
DAIKON & ORIENTAL			1 oz	1/4 lb	1 lb	5 lb	25 lb
65311	Minowase Summer Cross #3	Trt	21.11	70.72	211.11	195.41	174.47
84909	Tae Baek	Trt	10.69	35.80	106.87	101.04	97.15
O.P.					1 lb	5 lb	25 lb
87917	Champion	Trt			10.89	10.30	9.90

RUTABAGA

Item #	Variety	Days (DS)	Features
43765	LAURENTIAN	95	Smooth, globe shaped roots with finely grained, crisp flesh. Tops grow 15-18" tall. Recommended for shipping, processing and storage.



LAURENTIAN

RUTABAGA PRICING

Item #	Variety	Code pg 3	Price Per LB			
			1/4 lb	1 lb	10 lb	50 lb
43765	Laurentian	Trt	11.29	33.70	32.20	31.20

SPINACH

Item #	Variety ↓	Days	Leaf Type	Suggested Season	Market Use	Resistance/ Tolerance	Features
62777	KOOKABURRA RZ	35-50	Semi-Savoy	Spring, Summer, Fall	Baby Leaf, Mature Fresh	HR:Pe:1-13,15	Early semi-savoy, very dark, glossy, oval leaves with an upright growing habit. Uniform in leaf type. Strong against yellow leaves, cotyledons and colletotrichum. Replaces Crocodile.
78502	LAKESIDE	25-50	Smooth	Spring, Summer, Fall	Baby Leaf, Bunch, Clip	HR:Pe:1-11,15-16 IR:Pe:12,14	Versatile variety that can be used for baby leaf, bunch or clip. Round to oval, thick dark green smooth leaves.
81825	LORIKEET RZ	30-45	Semi-Savoy	Warm Season	Baby Leaf, Teen Clip, Bunch	HR:Pe:1-15,17, IR:Pe:16	Excellent for baby leaf summer production, since Lorikeet will handle more heat when other varieties may fail. Upright plant, dark green, thick leaves.
45657	MARABU RZ	25-55	Smooth	Warm Season	Baby Leaf, Fresh Market, Processing	IR:CMV, Pe:1-10,15	Smooth, dark green leaves with upright growth. Widely adapted and can be used for baby leaf, clip, bunch and processing markets.



KOOKABURRA RZ



LAKESIDE



LORIKEET RZ



MARABU RZ



SPINACH PRICING

Item #	Variety	Code pg 3	Price Per M			M=1000 Seeds	
			10 M	50 M	500 M	1000 M	5000 M
62777	Kookaburra RZ	Trt	0.55	0.44	0.40	0.39	0.37
78502	Lakeside	Trt	0.55	0.46	0.42	0.40	0.38
81825	Lorikeet RZ	Trt	0.55	0.45	0.41	0.40	0.38
45657	Marabu RZ	Trt	0.55	0.44	0.40	0.39	0.37

Interesting Facts about Spinach

- Just half a cup of raw spinach counts as 1 of the 5 servings of fruits and vegetables you should eat a day.
- Spinach is a member of the goose-foot family, which makes it a relative to beets and chard
- In the 1930's U.S. spinach growers credited Popeye with a 33% increase in domestic spinach consumption.
- The spinach growing town of Crystal City, Texas, erected a statue of Popeye in 1937.
- Spinach leaves are a mild diuretic and mild laxative.
- Medieval artists extracted green pigment from spinach to use as an ink or paint.
- Spinach is best eaten fresh. It loses nutritional properties with each passing day.
- California produces 74 percent of the fresh spinach grown in the United States.

ZUCCHINI | HYBRID

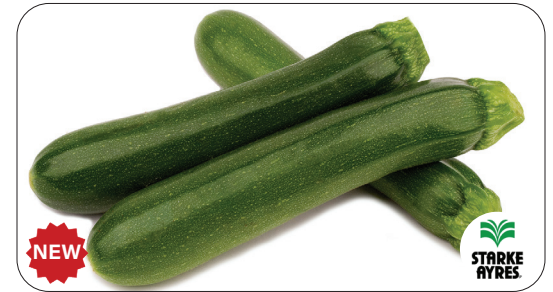
Item #	Variety	Days (DS)↓	Color	Plant Type	Resistance/ Tolerance	Features
83158	GREEN MACHINE	43	Medium Green	Semi-Open	IR:CMV, Px, WMV, ZYMV	Consistently a top performer in the Midwest and East Coast for high yields of quality fruit. Has open, labor-friendly plant habit.
85346	SPINELESS BEAUTY	43	Medium Green	Open, Medium Vigor, Spineless Leaves and Petioles		Eastern adapted variety produces high yields of glossy, high-quality fruit on truly spineless plant.
88234	STAR 8023 	43	Medium Dark Green	Open, Medium, Shorter Petioles	IR:ZYMV	Early maturing, medium vigor on open plant with almost no spines on the petioles. High yield potential. Glossy, attractive, medium dark green flecked, uniform cylindrical fruit.
81922	SPINELESS PERFECTION	44	Medium Green	Strong, Open, Upright, Spineless Leaves and Petioles	IR:Px, WMV, ZYMV	Classic Spineless Beauty-type producing high glossy, rich green color on an open, upright plant. Easy to pick.
79333	SPINELESS SUPREME	44	Medium-Dark Green	Open, Erect, Spineless Petioles	IR:CMV, PRSV, Px, WMV, ZYMV	Glossy, club-shaped fruit with spineless petioles. Improved disease package which keeps plant healthy throughout the season to maximize yield.
65014	DUNJA	45	Dark Green	Semi Open, Upright	IR:PRSV, Px, WMV, ZYMV,	Plant is open and compact with a vigorous growth habit, easy fruit set, and high yields. Fruit are shiny, finely speckled, dark green, medium long, and of excellent quality.
79794	PAYROLL	47	Medium Green	Open, Upright, Reduced Spines	IR:Px, WMV, ZYMV	Widely adapted, upright plant performs well under spring and summer conditions and produces smooth, attractive fruit.
85343	GOLDEN GLORY <i>Golden</i>	50	Deep Gold	Open, Upright	IR:Px, WMV, ZYMV	Produces high yields of quality, smooth, uniform, golden yellow fruit. Open plant and nearly spineless plant which means less fruit damage at harvest.
64593	TROOPER 	50	Medium-Dark Green	Strong, Upright	IR:Px, PRSV, WMV, ZYMV	Strong upright plant produces an abundance of 8x1.5" cylindrical, medium-dark, smooth, lightly speckled fruit. The open plant and few spines make for easy picking. Gowan Exclusive!



GREEN MACHINE



SPINELESS BEAUTY



STAR 8023



SPINELESS PERFECTION



SPINELESS SUPREME



DUNJA



PAYROLL



GOLDEN GLORY



TROOPER

SQUASH – SUMMER

YELLOW STRAIGHTNECK | HYBRID

Item #	Variety	Days (DS)↓	Color	Plant Type	Resistance/ Tolerance	Features
27337	FORTUNE	39	Yellow, Green Stem	Medium Vigorous		Early maturing, excellent yields of attractive, uniform, yellow color fruit with a tendency for less greening. High quality!
86597	BLONDE BEAUTY	40	Glossy Yellow	Open		Very early maturing with beautiful 5-7" glossy yellow fruit. East to pick, open plant, and petioles are spineless.
36053	ENTERPRISE	41	Yellow, Green Stem	Vigorous		Proven performance, adaptability and outstanding yield potential.
85311	GOLDPRIZE	42	Light Yellow, Green Stem	Open, Semiprostrate	IR:WMV, ZYMV	Glossy, firm fruit, thick necks and reduced roughness on early picks. Excellent quality with uniform shape for high-quality pack. Easy pick.
85097	GRANDPRIZE	42	Deep Yellow, Green Stem	Erect, Semi-Open, Reduced Spines	IR:Px, WMV, ZYMV	Classy fruit appearance, very productive. Glossy deep yellow fruit with strong outer walls. Excellent disease package.
84446	SMOOTH CRIMINAL	50	Yellow, Green Stem	Open, Upright		Almost spineless, upright plants . Easy to pick 6" attractive fruit with good neck girth.



FORTUNE



BLONDE BEAUTY



ENTERPRISE



GOLDPRIZE



GRANDPRIZE



SMOOTH CRIMINAL

YELLOW SEMI-CROOKNECK | HYBRID

Item #	Variety	Days (DS)	Color	Shape	Plant Type	Resistance/ Tolerance	Features
88036	GOLD STAR	42	Deep Golden Yellow, Green Stem	Semi- Crookneck	Vigorous, Reduced Spines	IR:CMV, Px	Glossy, smooth, dark yellow fruit on a vigorous plant with reduced spines. Improved disease package.
85342	GENTRY	43	Golden Yellow, Green Stem	Semi- Crookneck	Vigorous, Reduced Spines		Consistent performer. Boasts broad adaptability, producing smooth, high-quality fruit with a small blossom scar.



GOLD STAR



GENTRY

SPECIALTY | HYBRID

Item #	Variety	Days (DS)	Size (HxW), Shape	Color	Plant Type	Resistance/Tolerance	Features
67533	CUE BALL <i>Round Zucchini</i>	35-40	3", Round	Pale Green, White Mottles	Vigorous Bush, Upright, Open	IR:WMV, ZYMV	Very productive with multiple harvests and easy picking. Nice shiny fruit are round and have excellent flavor. Compliments Eight Ball and One Ball.
69288	EIGHT BALL <i>Round Zucchini</i>	40-45	3", Round	Dark Green, Flecked	Vigorous Bush, Upright, Open		Very productive with multiple harvests and easy picking. Nice shiny fruit are round and have excellent flavor. Compliments Cue Ball and One Ball.
38376	ONE BALL <i>Round Zucchini</i>	35-40	3", Round	Golden Yellow	Vigorous Bush, Upright, Open	IR:WMV, ZYMV	Golden yellow with green stars on both ends. Very productive with multiple harvests and easy picking. Nice shiny fruit are round and have excellent flavor. Compliments Cue Ball and Eight Ball.
58287	ISHTAR <i>Gray</i>	35-40	5-6", Cylindrical	Pale Green	Open, Semi-Erect	IR:WMV, ZYMV	Middle Eastern type, very productive. Excellent disease package.
84013	PETER PAN <i>Scallop</i>	49	2x3", Flat Scallop	Light Green	Bush		Flat shaped pale green scallop with sweet, delicious flavor.
SUNB	SUNBURST <i>Scallop</i>	50	2.5x3", Scallop	Deep Yellow, Green Stem	Compact Bush		AAS Winner! Delivers exceptional buttery, nutty flavor that is maintained in both baby or full-size markets.



CUE BALL



EIGHT BALL



ONE BALL



ISHTAR



PETER PAN



SUNBURST

UNIQUE FALL SUPERSTARS!



Autumn Frost



Goldilocks



Black Futsu



Star 7053



Golden Butta Bowl

SQUASH – WINTER

ACORN

Item #	Variety	Days (DS)↓	Size (HxW)	Color	Plant Type	Resistance/ Tolerance	Features
88505	GALAXY <i>Hybrid</i>	75	6x5"	Dark Green	Compact Bush	IR:Px	A new Gowan Seed exclusive developed to have reduced ground spot with exceptional dark green color that holds longer in storage than similar varieties. Its compact plant and high yields have made Galaxy a standout in our trials. The dark color is a perfect complement to Goldilocks golden acorn in fall harvest displays.
88235	GOLDBLOCKS <i>Hybrid</i>	78	4x4"	Bright Orange	Compact Bush	IR:Px	AAS Winner! Hands down a "Winner" for uniform size and attractive bright orange mature fruit. Continuous setting for high yields on a compact bush plant. Has delightful tasty rich "Nuttty" flavor.
78608	AUTUMN DELIGHT <i>Hybrid</i>	80	6x5"	Dark Green	Semi-Bush	IR:Px	Large fruit with excellent quality. Popular powdery mildew resistant variety.
79792	HEART OF GOLD <i>Hybrid</i>	80	5.5x4.5"	Cream, Green Stripes	Semi-Bush		Attractive coloring for table or decoration. Fine flesh with higher sugar than most other Acorn squash.
67236	TABLE ACE <i>Hybrid</i>	80	6x5"	Dark Green, Black	Semi-Bush		Flesh is flavorful with less stringiness. Round ribs and blunted blossom end. Good storage ability.
39151	TABLE GOLD	80	6x5"	Golden Orange	Compact Bush		Very productive with excellent fruit set. Attractive exterior color.
69775	SWEET DUMPLING	82	4.5x3.5"	Cream, Green Mottled Stripes	Medium Vine		Light yellow interior flesh is smooth with a sweet and delicate flavor. Beautiful squash can be used for cooking and ornamentals.
85337	MASHED POTATO <i>Hybrid</i>	90	1.5-2 lbs.	White	Compact Vine		Beautiful bright shiny white acorn squash that holds its color into late Fall. Interior flesh is white which when baked and fluffed resembles mashed potatoes. Very productive, typically producing 3-4 large fruit per plant on a compact vine.
84012	FESTIVAL <i>Hybrid</i>	100	5x4"	Mottled Orange, Green, Yellow	Semi-Bush		Excellent for eating and decorating. Bright colors of orange, yellow and splashes of green. Fruit shape is between an acorn and sweet dumpling.



GALAXY



GOLDBLOCKS



AUTUMN DELIGHT



HEART OF GOLD



TABLE ACE



TABLE GOLD



SWEET DUMPLING



MASHED POTATO



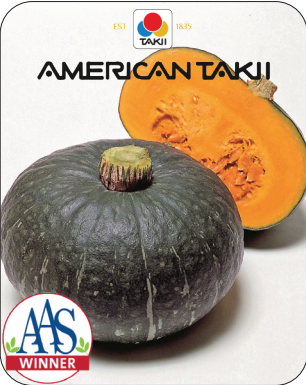
FESTIVAL

BUTTERCUP/KABOCHA

Item #	Variety	Days (DS)↓	Weight, Size (HxW)	Shape, Color	Plant Type	Features
DELI	DELICA Hybrid	85	3.75-4 lbs., 7x4"	Oval, Dark Green	Vigorous Vine	North America standard for Kobocha. Wide adaptability, vigorous with good fruit setting ability. Sweet and flavorful.
84454	SWEET MAMA Hybrid	85	4 lbs., 8-9x5"	Oval, Dark Green	Semi-Bush, Single Vine	AAS Winner! Dry, sweet, nutty flavor of deep yellow flesh. Stores well.
70365	AMBERMAX Hybrid	90-95	3 lbs., 6x5"	Oval, Orange, Red	Full Vine	Orange, red exterior with light orange stripes. Exceptional sweet flavor with smooth texture. Uniform fruit on compact plant. Excellent storage.
70383	SPECIAL EXPORT Hybrid	90-95	3-4 lbs., 6.5x4"	Oval, Dark Green	Vigorous, Full Vine	High yields of exceptional quality fruit that stores well. Orange flesh has very good sweetness and a flavorful taste.
83987	BURGESS BUTTERCUP	95	3-5 lbs., 6x5"	Blocky, Dark Green	Bush	The most popular strain of buttercup squash. Creamy, deep orange flesh with rich, sweet flavor.



DELICA



SWEET MAMA



AMBERMAX



SPECIAL EXPORT



BURGESS BUTTERCUP

BUTTERNUT | HYBRID (Continues on next page)

Item #	Variety	Days (DS)↓	Weight, Size (LxW)	Color	Primary Use	Plant Type	Resistance/Tolerance	Features
67134	BETTERNUT 900	80	3 lbs., 8-9"	Light Tan	Fresh Market	Semi-Bush	IR:Px	Excellent fresh market "boxing" type. Uniform size, shape and color on a productive semi-bush plant. Early maturing.
84063	EARLY NUTTER	80-90	4-5 lbs.	Beige	Fresh Market	Vigorous Vine	IR:Px	Thick neck with slight bell shape. Very attractive beige color and a rich orange interior flesh which is nutty, buttery delicious. Outstanding yields of uniform fruit.
84469	AVALON	88	4 lbs., 7-9x4"	Tan	Fresh Market	Vine		Consistently out performs other hybrid butternut varieties. Uniform fruit with firm, fine texture and sweet interior that matures to dark orange.
84473	PRISM	90	2.3 lbs., 8.8"	Tan	Fresh Market	Restricted Vine		The flesh is firm, fine textured, deep orange colored and sweet. Early maturing specifically for fresh market with great uniformity and high productivity.



BETTERNUT 900



EARLY NUTTER



AVALON

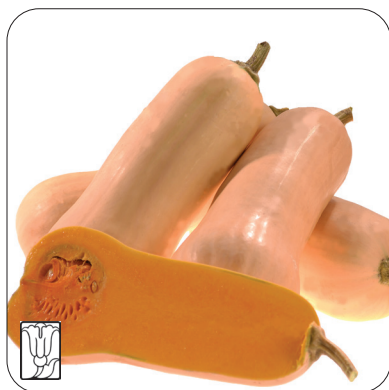


PRISM

SQUASH – WINTER

BUTTERNUT (Cont'd)

Item #	Variety	Days (DS)↓	Weight, Size (LxW)	Color	Primary Use	Plant Type	Resistance/ Tolerance	Features
84472	GRANITE Hybrid	95	3-3.5 lbs., 9.5x3.5"	Tan	Fresh Market	Restricted Vine		Premium choice for fresh market butternut with improved appearance, uniform size and shape. Very productive.
84481	LAUDA Hybrid	95	3-4 lbs., 9x4"	Tan	Fresh Market	Vigorous Vine	IR:Px	Extremely uniform size and shape. Perfect for fresh market, local and shipping markets. Strong vines and high yield potential.
35078	WALTHAM BUTTERNUT	95	3-4 lbs., 8-10x3"	Light Cream to Tan	Fresh Market	Vigorous Vine		AAS Winner! Widely adapted. Hard, tough rind which makes it a good choice for storage. Flesh is extremely fine, sweet and light yellow.
85411	ULTRA Hybrid	96	4-18 lbs.	Light Tan	Processing	Vine		Best variety for you when tonnage counts. Specific for processing, dehydrating or freezing. Size varies on growing season. Flesh is dark orange, fine and sweet.
87059	GENESIS Hybrid	105-110	5 lbs., 4x12"	Tan	Fresh Market, Processing	Vine	HR:Px	A processing-type butternut that is extra large in size with a thick, long neck and little to no ribbing. Good storability, vigorous strong vines with high yield potential.
60630	ATLAS Hybrid	100-110	5-7 lbs., 13x5.5"	Creamy Tan	Fresh Market, Processing	Short Vine		Produces high yields of large, uniform, fruit with dark orange flesh. Cylindrical necks and slight bulb end make it easier to cut and prepare for cooking. Ideal for processing.
80734	QUANTUM Hybrid	100-110	2.5-4.5 lbs., 10x5"	Tan	Fresh Market, Processing	Vigorous Vine		Exceptional uniformity of size and shape with thick necks and small seed cavity. Great exterior and interior quality for box/ship and peal/tray pack. Widely adapted.



GRANITE



LAUDA



WALTHAM BUTTERNUT



ULTRA



GENESIS



ATLAS



QUANTUM



LA ESTRELLA

CALABASA

Item #	Variety	Days (DS)	Color	Size/Weight	Plant Type	Features
85660	LA ESTRELLA	125 Northern US 70 Florida Winter	Green and Tan	11.5" x 11.5", Oval 10 lbs. Northern US Summer 6 lbs. Florida Winter	Vine	Compact plants produce concentrated sets of 3-4 fruits per plant. Uniform fruit size and superior flesh color.

HUBBARD

Item #	Variety	Days (DS) ↓	Weight	Color	Plant Type	Features
86574	STAR 7053 <i>Hybrid</i>	80-90	11-17 lbs.	Dark Green	Vine	Increased yield potential in summer plantings. Vigorous plant producing large, uniform fruit with thick, orange, firm flesh.
84483	RED OCTOBER <i>Hybrid</i>	90	5-6 lbs.	Red, Orange	Vine	Beautiful colored red/orange hubbard that is productive and a great compliment for mixed bins. Very uniform size and shape. Edible and ornamental.
59373	BLUE MAGIC <i>Hybrid</i>	95	4-6 lbs.	Blue Gray	Semi-Vine	Unique mini hubbard with the normal shape and flesh qualities of the hubbard family. Excellent eating quality and can be used for fall decorations.
84008	CHICAGO WARTED	105	12-16 lbs.	Dark Green, Black	Vigorous Vine	Vigorous vine, dark green/black hard shell covered in warts. Dry, sweet yellow flesh. Long term storage.
84482	HEAVENLY HUBBARD <i>Hybrid</i>	105	15 lbs.	Blue Gray	Vigorous Vine	Hybrid based on New England favorite. Vigorous vines with high yields of uniform fruit. Sweet, fine textured flesh with excellent flavor.
84011	ESSEX RED	120	20 lbs.	Bright Orange	Vine	Very warty bright orange skin, hard thick rind, flavorful Hubbard/Turban cross. Introduced in 1883.



STAR 7053



RED OCTOBER



BLUE MAGIC



CHICAGO WARTED



HEAVENLY HUBBARD



ESSEX RED

SPAGHETTI

Item #	Variety	Days (DS) ↓	Weight, Size (HxW)	Color	Plant Type	Features
71633	PINNACLE <i>Hybrid</i>	85	3 lbs., 7x5"	Bright Yellow	Semi-Bush	Semi-bush plant habit allows for higher plant densities and yields per acre. Attractive bright yellow skin and fine interior flesh with nutty flavor.
84488	PRIMAVERA <i>Hybrid</i>	90	2.5-3 lbs., 7x4"	Light Yellow	Restricted Vine	High yielding! Excellent uniform size and shape. Consistent performer. Reduced vine compared to OP types.
42687	VEGETABLE SPAGHETTI	90	2.5-3 lbs., 10x5.5"	Light Yellow	Vigorous Vine	Popular variety that produces 2.5-3 pound fruit and has light yellow color, with noodle-like strands inside. High quality strain!



PINNACLE



PRIMAVERA



VEGETABLE SPAGHETTI

SQUASH – WINTER

SPECIALTY WINTER • FALL ORNAMENTALS • EDIBLES

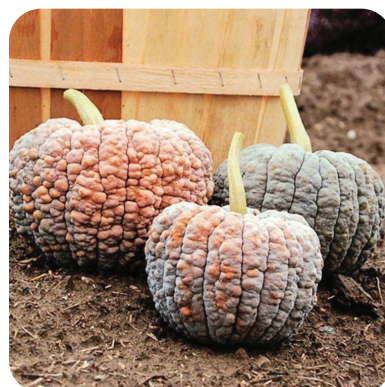
Item #	Variety	Days (DS)	Weight ↓	Shape, Color	Plant Type	Resistance/ Tolerance	Features
83988	DELICATA	100	2-3 lbs.	Elongated, White with Dark Green Stripes	Vine		AAS Winner! Colorful with fine grained, sweet flesh. Skin is tender enough to eat. Excellent for stuffing and baking, even right at harvest.
84489	AUTUMN FROST Hybrid	100	3.25-4 lbs.	Round, Tan	Vine	IR:Px	Uniquely ribbed, round fruit ripens to dark tan with a frosted overlay. Fruit is similar in taste to a butternut squash, with superior quality, rich flavor and a long shelf life, allowing for a supply of high-quality fruit throughout the Winter season.
82481	BLACK FUTSU	100	3-5 lbs.	Flat, Round, Blue, Green Matures to Tan	Medium Vine		Unique! Small, bumpy, heavily ribbed Japanese squash with gold flesh and a nutty flavor. Edible thin skin doesn't require peeling. Productive vines have medium sprawl and very heavy fruit set.
84060	TROLL Hybrid	85	3.5-5 lbs., Square, Round	Redish Orange, Green	Bush		High quality flavorful deep yellow flesh great for eating. High dry matter. Add this unique squash to any Fall displays.
84065	GOLDEN BUTTA BOWL Hybrid	82-85	3.3-5.5 lbs.	Orange	Bush	IR:Px	High quality, deep yellow flesh, orange shell with greenish blossom end. Excellent flesh with high dry matter. Bush habit with high yields that are early and compact.
84436	AUTUMN CROWN Hybrid	100	4.5 lbs.	Tan	Medium Vine		Produces an abundance of attractive early maturing fruit with reduced vines. Long storing fruits have a unique "sweet melon" aroma and flesh is deep orange with a small cavity.
57187	SPECKLED HOUND Hybrid	95-100	3-6 lbs.	Orange, Blue, Green	Open Vine	IR:ZYMV	Unusual looking squash for decor use but also is very tasty. Flesh is dense and yellow/orange.
64718	MARINA DE CHIOGGIA	95-100	7-8 lbs.	Flattened Globe, Grey, Green	Vigorous Vine		Beautiful Italian heirloom squash is grey-green with ridges and bumps that resemble waves. Sweet orange flesh excellent for soup, roasting, and baking.



DELICATA



AUTUMN FROST



BLACK FUTSU



TROLL



GOLDEN BUTTA BOWL



AUTUMN CROWN



SPECKLED HOUND



MARINA DE CHIOGGIA

SPECIALTY WINTER • FALL ORNAMENTALS • EDIBLES (Cont'd)

Item #	Variety	Days (DS)	Weight ↓	Shape, Color	Plant Type	Features
83981	LONG ISLAND CHEESE	108	6-10 lbs.	Round, Flattened, Tan	Vine	An heirloom variety great for decoration because of its flattened shape, ribbing and tan color. Thick orange flesh which is edible and tasty. Often used for pies. Long storage.
64720	AMERICAN TONDO	100	8-10 lbs.	Round, Yellow/Orange, Green	Full Vine	Attractive and unique ornamental squash, deep orange skin with mottled green stripes between its thick orange ribs. When the fruit is young it is a two-tone speckled green and can be eaten like squash.
84014	TRIAMBLE	105	8-12 lbs.	Blue, Green	Vigorous Vine	Triangular shaped heirloom variety with dry, sweet flesh. Wonderful flavor and flesh quality great for eating, baking, or ornamentals.
84437	GREY GHOST Hybrid	100	12-15 lbs.	Flattened, Round, Grey	Vigorous Vine	Grey Crown type most recognized as a pumpkin in New Zealand. Outstanding eating quality. Produces good yields of uniform fruit that has good storage ability.
84007	CUSHAW GREEN STRIPED	112	12-16 lbs.	Curved Neck, Creamy White with Green Mottled Stripes	Large Vine	Sweet pale yellow flesh is tasty and can be used for pies, canning, or stock. Long neck with bulbous stem end. Good for ornamental displays.
83984	AUTUMN COLORS CUSHAW Hybrid	105	Up to 25 lbs.	Curved Neck, Orange, Green on White	Large Vine	Unique shape and color combination add spice to any fall display. Sweet golden flesh is excellent for baking and cooking.
56862	GALEUSE D'EYSINES Peanut	95-100	25-28 lbs.	Pink with Beige Bumps	Vine	Unique and beautiful with bumps that resemble peanuts. Shape similar to a wheel of cheese. Great baking, as its orange flesh is smooth and sweet.
84010	CUSHAW ORANGE		20-35 lbs.	Long Curved Neck, Dark Green with Golden/Orange Mottling	Vigorous Full Vine	Large fruit with oblong-butternut shape skin good for home or market growers. Orange will fade to tan in storage but taste will remain full and fresh.



LONG ISLAND CHEESE



AMERICAN TONDO



TRIAMBLE



GREY GHOST



CUSHAW GREEN STRIPED



AUTUMN COLORS CUSHAW



GALEUSE D'EYSINES



CUSHAW ORANGE

Call us today to place your seed order!
(see page 1 for details)

ZUCCHINI SQUASH PRICING

Item #	Variety	Code pg 3	Price Per M or LB				
			M=1000 Seeds				
			250 sds	1 M	3 M	30 M	55 M
84020	Cash Machine	FI400	21.90	66.20	63.10	60.45	57.6
85340	Cashflow	FI400	21.50	64.85	61.85	59.25	56.44
65014	Dunja	FI400	21.30	64.50	61.45	58.90	56.11
88189	Endeavor	Trt			50.40	48.30	46.00
85341	Everglade	FI400	22.90	69.15	65.90	63.15	60.17
85343	Golden Glory	FI400	20.10	60.80	57.95	55.50	52.89
83158	Green Machine	FI400	21.30	64.25	61.25	58.65	55.90
85344	Paycheck	FI400	25.60	77.40	73.80	70.70	67.36
85345	Payload	FI400	26.20	79.25	75.55	72.35	68.95
79794	Payroll	FI400	23.60	71.25	67.90	65.05	61.99
85346	Spineless Beauty	FI400	17.00	51.40	49.00	46.95	44.72
81922	Spineless Perfection	FI400	24.20	73.10	69.65	66.75	63.59
79333	Spineless Supreme	FI400	25.00	75.75	72.20	69.20	65.92
88234	Star 8023	FI400	20.30	61.40	58.50	56.05	53.40
64593	Trooper	Trt	22.60	68.40	65.20	62.45	59.50
					1 lb	5 lb	20 lb
69219	Black Beauty	Trt			12.90	12.10	11.50

SUMMER SQUASH PRICING

Item #	Variety	Code pg 3	Price Per M or LB M=1000 Seeds				
YELLOW STRAIGHTNECK			250 sds	1 M	5 M	40 M	80M
36053	Enterprise	FI400	12.00	36.35	34.65	33.20	31.62
27337	Fortune	FI400	10.00	30.15	28.75	27.55	26.24
85311	Goldprize	FI400	17.50	52.75	50.30	48.15	45.90
87724	Grandprize	F300	19.90	60.25	57.40	55.00	52.40
85097	Grandprize	FI400	19.90	60.25	57.40	55.00	52.40
84446	Smooth Criminal	FI400	16.30	49.30	47.00	45.05	42.90
86597	Blonde Beauty	FI400	15.50	46.75	44.55	42.65	40.65
YELLOW CROOKNECK			250 sds	1 M	5 M	40 M	80M
85342	Gentry	FI400	10.10	30.50	29.05	27.85	26.52
88036	Gold Star	FI400	14.90	45.15	43.05	41.20	39.27
SPECIALTY			250 sds	1 M	3 M	30 M	55 M
67533	Cue Ball	Trt	15.30	46.10	43.95	42.10	40.15
69288	Eight Ball	Trt	19.40	58.75	56.00	53.65	51.15
58287	Ishtar	Trt	15.60	47.10	44.90	43.00	41.00
38376	One Ball	Trt	15.60	47.10	44.90	43.00	41.00
SUNB	Sunburst	Trt	16.50	49.85	47.55	45.55	43.42
SPECIALTY SUMMER			1 oz	1 / 4 lb	1 lb	5 lb	20 lb
84013	Peter Pan	Unt	9.75	26.40	80.00	75.00	71.40

COLORFUL PUMPKINS FOR YOUR FARM STAND



Snowball Pg 72 Sunlight Pg 67 Hot Chocolate Pg 67 Bisbee Gold Pg 67

WINTER SQUASH PRICING

Item #	Variety	Code pg 3	Price Per M or LB		M=1000 Seeds		
ACORN			250 sds	1 M	3 M	30 M	55 M
78608	Autumn Delight	FI400	15.00	45.30	43.20	41.35	39.45
78632	Cream of the Crop	Unt	10.40	31.25	29.80	28.55	27.20
88505	Galaxy	FI400	16.00	48.20	45.90	44.00	41.95
88235	Goldilocks	Trt	19.00	57.40	54.70	52.40	50.00
79792	Heart of Gold	FI400	11.50	34.75	33.10	31.75	30.25
85337	Mashed Potato	Trt	10.10	30.35	28.90	27.70	26.40
67236	Table Ace	FI400	12.40	37.30	35.55	34.05	32.45
ACORN			1 oz	1/4 lb	1 lb	5 lb	20 lb
84012	Festival	Unt	11.75	31.70	96.05	90.05	85.75
39151	Table Gold	Unt	5.50	14.80	44.80	42.00	40.00
69775	Sweet Dumpling	Trt	13.25	36.30	109.80	102.90	98.00
BUTTERCUP/KABOCHA			250 sds	1 M	3 M	30 M	55 M
70365	Ambermax	FI400	19.40	58.55	55.80	53.45	51.00
83987	Burgess Buttercup	FI400		12.65	12.05	11.55	11.00
70383	Special Export	FI400	27.00	81.55	77.70	74.45	71.00
84454	Sweet Mama	FI400	24.50	74.05	70.60	67.60	64.50
BUTTERCUP/KABOCHA			1 oz	1/4 lb	1 lb	5 lb	20 lb
DELI	Delica	Trt	26.75	73.40	222.25	208.40	198.43
BUTTERNUT			250 sds	1 M	3 M	30 M	55 M
62445	Atlas	Unt	18.60	56.30	53.65	51.40	49.00
60630	Atlas	FI400	18.20	54.90	52.35	50.15	47.82
84469	Avalon	FI400	15.10	45.60	43.45	41.65	39.70
85277	Betternut 401	FI400	12.20	36.95	35.20	33.70	32.15
67134	Betternut 900	FI400	13.00	39.25	37.40	35.80	34.15
84063	Early Nutter	Trt	18.30	55.30	52.70	50.50	48.15
87059	Genesis	FI400	18.70	56.45	53.80	51.55	49.15
84472	Granite	FI400	14.20	42.85	40.85	39.10	37.30
84481	Lauda	FI400	13.80	41.65	39.70	38.00	36.25
51178	Polaris	Trt	16.50	49.75	47.45	45.45	43.33
84473	Prism	FI400	15.40	46.50	44.35	42.45	40.50
80734	Quantum	FI400	18.70	56.45	53.80	51.55	49.15
85411	Ultra	Trt	15.10	45.50	43.35	41.55	39.60
84475	Yukon	FI400	16.30	49.25	46.95	45.00	42.90
BUTTERNUT				1/4 lb	1 lb	5 lb	20 lb
35078	Waltham Butternut	Unt		11.10	33.35	31.25	29.75
CALABASA			250 sds	1 M	3 M	30 M	55 M
85660	La Estrella	Trt	11.20	33.80	32.20	30.85	29.40
HUBBARD			250 sds	1 M	3 M	30 M	55 M
84482	Heavenly Hubbard	Trt	49.70	150.60	143.50	137.45	131.15
85745	Hubba Hubba	FI400	23.20	70.05	66.75	63.95	61.00
84483	Red October	FI400	23.20	70.05	66.75	63.95	61.00
86574	Star 7053	FI400	25.70	77.70	74.05	70.90	67.65
HUBBARD			1 oz	1/4 lb	1 lb	5 lb	20 lb
59373	Blue Magic	Unt	11.00	30.00	90.75	85.05	81.00
84008	Chicago Warted	Unt		8.70	26.35	24.70	23.50
84011	Essex Red	Unt	9.75	26.50	80.10	75.10	71.50
84019	Golden Hubbard	Unt		7.40	22.15	20.75	19.75
SPAGHETTI			250 sds	1 M	3 M	30 M	55 M
71633	Pinnacle	Trt	19.60	59.25	56.50	54.10	51.60
84488	Primavera	FI400	19.60	59.10	56.35	54.00	51.48
SPAGHETTI			1 oz	1/4 lb	1 lb	5 lb	20 lb
42687	Vegetable Spaghetti	Trt	8.75	24.10	72.80	68.25	65.00

Item #	Variety	Code pg 3	Price Per M or LB		M=1000 Seeds		
SPECIALTY			250 sds	1 M	3 M	30 M	55 M
84436	Autumn Crown	Unt	10.90	32.80	31.30	29.95	28.57
84489	Autumn Frost	Trt	24.30	73.50	70.05	67.10	64.00
82481	Black Futsu	Unt	25.00	75.50	71.95	68.95	65.75
83988	Delicata	FI400	7.30	21.85	20.80	19.95	19.00
84065	Golden Butta Bowl	Trt	15.50	46.85	44.65	42.80	40.80
84437	Grey Ghost	FI400	20.10	60.85	58.00	55.55	53.00
SPECIALTY			1 oz	1/4 lb	1 lb	5 lb	20 lb
64720	American Tondo	Unt	9.75	26.40	80.00	75.00	71.40
56862	Galeuse D'Eysines	Unt	9.75	26.40	80.00	75.00	71.40
83981	Long Island Cheese	Trt	6.75	18.50	56.00	52.50	50.00
64718	Marina De Chioggia	Unt	8.75	23.80	72.05	67.55	64.30
84014	Triamble	Unt	8.75	23.80	72.05	67.55	64.30
SPECIALTY PUMPKINS			250 sds	1 M	3 M	30 M	55 M
57187	Speckled Hound	Trt	15.30	50.80	48.10	45.85	44.94
84060	Troll	Trt	13.90	46.15	43.70	41.65	40.80
SPECIALTY PUMPKINS			1 oz	1/4 lb	1 lb	5 lb	25 lb
83984	Autumn Colors Cushaw	Unt	9.00	24.00	79.75	77.15	74.50
84007	Cushaw Green Striped	Unt		6.20	20.35	19.70	19.00
84010	Cushaw Orange	Unt		11.10	36.95	35.75	34.50



FarMore® FI400 insecticide and fungicide combination seed treatment technology helps maximize cucurbit production by enhancing performance and quality.

Superior Disease Protection: Providing early-season protection against certain diseases including rhizoctonia spp., fusarium spp., pythium spp., and general damping-off and seedling blight.

Excellent Early-Season Insect Protection: FI400 technology contains a second generation neonicotinoid, thiamethoxam, which protects against excessive foliage damage in young plants from cucumber beetles, flea beetles, and leafminers. Thiamethoxam also eliminates or reduces the chance of virus transmission by certain insects including aphids, thrips and whiteflies.

Thank you for your business!

SUNFLOWERS

Item #	Variety ↓	Days	Bloom Size	Branching	Single	Pollenless	Plant Height	Color	Pricing			
									1/4 lb	1 lb	5 lb	25 lb
79035	AUTUMN BEAUTY	95	4-5"	X			5-6'	Bronze, Red, Yellow, Bi-Colors	11.10	33.50	30.40	25.75
79047	LEMON QUEEN	90	5"	X			5-7'	Pale Lemon; Dark Chocolate Center	12.90	38.95	35.35	29.95
79041	MAMMOTH GREY STRIPED	75-85	12-20"+	X			5-6'	Yellow; Dark Center	6.90	20.80	18.90	16.00
67590	PROCUT BICOLOR Hybrid	50	4-6"		X	X	5-6'	Burgundy Center with Yellow Margins	250 sds	1 M	5 M	25 M
									9.45	28.60	26.00	22.00
79058	PROCUT GOLD Hybrid	50-60	4-6"		X	X	5-6'	Bright Gold/Yellow; Light Green Center	9.45	28.60	26.00	22.00
79060	PROCUT ORANGE Hybrid	50	4-6"		X	X	5-6'	Bright Orange; Dark Brown Center	9.45	28.60	26.00	22.00
85486	PROCUT PLUM Hybrid	75-85	4-6"		X	X	5-6'	Purple Fading Inner Ring; Dark Chocolate Center	11.25	33.95	30.80	26.10
86478	PROCUT RED Hybrid	50-60	4-6"		X	X	5-6'	Deep Red	11.25	33.95	30.80	26.10
79073	PROCUT WHITE LITE Hybrid	50-60	4-6"		X	X	5-6'	Pale Creamy Yellow; Light Golden-Green Center	13.75	41.60	37.80	32.00



AUTUMN BEAUTY



LEMON QUEEN



MAMMOTH GREY STRIPED



PROCUT BICOLOR



PROCUT GOLD



PROCUT ORANGE



PROCUT PLUM



PROCUT RED



PROCUT WHITE LITE

SUNFLOWERS • SWISS CHARD

Item #	Variety ↓	Days	Bloom Size	Branching	Single	Pollenless	Plant Height	Color	Pricing			
									250sds	1 M	5 M	25 M
79096	ROUGE ROYAL Hybrid	55-65	3-6"	X		X	6'	Deep Maroon	9.45	28.60	26.00	22.00
79045	STARBURST LEMON AURA Hybrid	60-65		X		X	4'	Lemon; Green Center	11.40	34.45	31.30	26.50
79069	SUNRICH GOLD Hybrid	60-65	5-6"		X	X	4-5'	Gold Petals; Golden and Green Center	10.75	32.50	29.50	25.00
79046	SUNRICH SUMMER LIMONCELLO Hybrid	50-60	4-6"		X	X	3-4'	Bright Yellow Fading to Light Yellow; Dark Brown Center	11.20	33.80	30.70	26.00
79070	SUNRICH ORANGE Hybrid	55-60	5-6"		X	X	2-3'	Golden Yellow; Black Center	10.75	32.50	29.50	25.00



ROUGE ROYAL



STARBURST LEMON AURA



SUNRICH GOLD



SUNRICH SUMMER LIMONCELLO



SUNRICH ORANGE

SWISS CHARD

(Pricing on page 96)

Item #	Variety	Days (DS)	Height	Stem Color	Resistance/ Tolerance	Features
49091	BRIGHT LIGHTS	28 Baby, 55 Bunching	12-16"	Multi-Colored		AAS Winner! Lightly savoyed, green or bronze leaves with stems of many colors including pink, gold, white, orange, red and purple.
71586	CELEBRATION	58-63	30"	Multi-Colored	IR:Ps	Vibrant multi-colored chard that exhibits uniform plants with dark green glossy leaves and a high percentage of bright colored stems with very few whites.
84698	FIRE FRESH Hybrid	30	20-26"	Bright Red	HR:Cb, IR:Ps:1	Add bold, bright red color to baby leaf salads, spring mix or stir fries. Crunchy leaves are round to oval with a slight texture. Fast growing, upright plants. Babyleaf use only. Not for full grown bunching.
13770	SILVERADO	60	14-16"	White		Slow to bolt. Compact plant which is easy to cut, clean and pack.
RHUB	RHUBARB	60	24-26"	Bright Red, Flattened		Excellent quality strain developed for fresh market bunching. Superior uniformity in size , shape and color.



BRIGHT LIGHTS



CELEBRATION



FIRE FRESH



SILVERADO



RHUBARB

Multipurpose MARZITO!



Versatile **NEW Marzito Tomato** is a unique **mini-Marzano type** that is great for cooking in sauce or fresh eating! The fruit has an elongated shape with a firm texture and **rich, sweet flavor**. This indeterminate plant offers high disease resistance to leaf mold, Fusarium, nematodes and tobacco mosaic virus, making it the perfect choice for **high tunnel and field growing**.

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**THE ULTIMATE
COLLECTION**



GRAND VANTAGE cabbage



NITRO S10® pepper

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MERCER pepper



ROADSTER tomato

SAKATA®
SAKATAVEGETABLES.COM



SPARTACUS pumpkin



RED SNAPPER tomato



TWISTER cauliflower



STM2255 tomato

SWISS CHARD • TOMATO

SWISS CHARD PRICING						
Item #	Variety	Code pg 3	Price Per M or LB		M=1000 Seeds	
			5 M	20 M	100 M	500 M
49091	Bright Lights	Unt	4.25	3.65	3.25	3.00
71586	Celebration	Trt	3.73	3.40	3.11	2.98
84698	Firefresh	F300		0.59	0.54	0.52
				1 lb	5 lb	25 lb
RHUB	Rhubarb	Trt		12.35	11.70	11.00
13770	Silverado	Trt		8.75	8.30	7.80

TOMATO

ROUND RED/FRESH MARKET | HYBRID

Item #	Variety ↓	Days (TP)	Fruit Size, Shape	Plant Type	Resistance/ Tolerance	Features
87708	B-3345 <small>NEW</small>	75-80	Extra Large to Jumbo, Globe	Indeterminate	HR:Fol:1,2, Ma, Mi, Mj, Pi, ToMV, Va, Vd	Consistent through multiple harvests. Firm with great eating quality. Dual purpose that will hold for the shipper market and roadside stands. Crimson genes. Performs well in the open field with high stakes and in high tunnels/greenhouses for extended harvest. Gowan Exclusive!
87793	B-3353 <small>NEW</small>	72-75	Large to Extra Large	Determinate, Strong	HR:Fol:1,2, For, TSWV, Va, IR:TYLCV	Widely adapted (South to North) with a strong plant and continuous setting of firm large to extra large fruit. Crimson red interior and clean blossom ends. A great variety for multi-packs.
84731	BHN 589	74	8-10 oz., Deep Oblate	Determinate, Medium Tall	HR:Fol:1,2, TMV, Va, Vd	Great tasting tomato. Best used for vine ripe production at local markets where flavor has a value. Can be used in tunnels.
84712	CAMARO	72-75	8-10 oz., Large Globe	Determinate, Medium, Compact	HR:Aal, Fol:1-3, Va:1, Vd:1, IR:Ss, TYLCV:ls	Early maturing, extra large, smooth fruit. Vine-ripe or gas green. High yield potential setting fruit throughout the plant. Pruning is not required.
84713	GRAND MARSHALL	67-72	Deep Oblate, Large to Extra Large	Determinate, Strong	HR:Aal, Fol:1,2, Va:1, Vd:1 IR:Ss, TYLCV:ls	Early maturity for a main season hot set type. Strong plant and very good field performance under bacteria pressure. Deep red fruit have smooth shoulders. Performs well for both vine-ripe or mature green gassing.
83179	JOLENE	73	Large to Extra Large	Determinate		Produces attractive, firm fruit with deep dark interior on a determinate plant. Early maturing with a clean blossom end and uniform smooth shoulders. Mature green or vine ripe production.
84714	RED SNAPPER	70-75	8-12 oz., Deep Oblate	Determinate, Medium-Large	HR:Aal, Fol:1,2, Va:1, Vd:1 IR:Ss, TSWV, TYLCV:ls	Attractive red color, firm and has a good shelf-life. Suited for mature green and vine ripe markets. Plants have mid cover and benefit from light pruning. Has more manageable plant than most "hot set" commercial varieties with good fruit set potential.



NEW

GOWAN SEED COMPANY

B-3345



NEW

B-3353



BHN 589



SAKATA

CAMARO



SAKATA

GRAND MARSHALL




JOLENE



SAKATA

RED SNAPPER

ROUND RED/FRESH MARKET | HYBRID (Cont'd)

Item #	Variety ↓	Days (TP)	Fruit Size, Shape	Plant Type	Resistance/ Tolerance	Features
84716	ROADSTER	65-70	8-12 oz., Deep Oblate	Determinate, Medium-Large	HR:Aal, Fol:1-3, For, Va:1, Vd:1 IR:Ss, TSWV	Early maturing, concentrated set that produces large, very firm fruit for vine-ripe and mature green markets. Superior flavor.
82146	SKYWAY 687	65-70	Extra Large to Jumbo, Globe	Determinate	HR:Fol:0-2, ToANV, Va:0, Vd:0 IR:TSWV, TYLCV, Ma, Mi, Mj	Vigorous, determinate variety especially suited for SE USA. Prune ground and auxillary shoots for full season production. Very strong disease package.
84297	STM2255 	68-73	Large to Extra Large	Determinate, Medium Tall	HR:Aal, Fol:1,2, For, Va:1, Vd:1 IR:Ss, TSWV, TYLCV:ls	Very versatile and adaptable with high yield potential and good vine-ripe flavor. Attractive red color, firm fruit and good shelf life. Can be used for mature green and vine ripe markets. Has potential to used in multiple slots and regions across the eastern USA.



ROADSTER



SKYWAY 687



STM2255

ROUND YELLOW/FRESH MARKET | HYBRID

Item #	Variety	Days (TP)	Fruit Size, Shape	Plant Type	Resistance/ Tolerance	Features
83376	BHN 871	74	10-12 oz., Oblate	Determinate	HR:Fol1-2, For, TMV, Va, Vd	Very attractive gold-tangerine color that is smooth and firm. , Very large and exceptional quality. Also suitable for tunnel production.

ROMA/SALADETTE | HYBRID (Continues on next page)

Item #	Variety ↓	Days (TP)	Fruit Size, Shape	Plant Type	Resistance/ Tolerance	Features
84710	BHN 1045	75	4-5 oz., Deep Blocky	Determinate, Medium-Large	HR:Fol:1-3, Ma, Mi, Mj, Va, Vd IR:TSWV, TYLCV	Midseason, deep blocky, uniform fruit on a determinate, strong, medium-large plant. Excellent disease package.
83646	BHN 685	76	4-5 oz., Oval	Large, Vigorous	HR:Fol:1-3, TSWV, Va, Vd	Performs well in SE and NE. Very large fruit on a nice big plant. Picks over a long period.
84711	BHN 783 Yellow	76	Medium Large, Plum	Determinate	IR:Fol:1,2, Pst, ToMV, Va, Vd	This unique gold to mature tangerine orange colored Roma is an "eye catcher". Big, beautiful, flavorful and high yielding.



BHN 871



BHN 685



BHN 783

TOMATO

ROMA/SALADETTE | HYBRID (Cont'd)

Item #	Variety ↓	Days (TP)	Fruit Size, Shape	Plant Type	Resistance/ Tolerance	Features
85289	DAYTONA	72-75	3-4 oz., Elongated Blocky	Determinate, Medium, Compact	HR:Aal, Fol:1,2, Mi^, Vd:1 IR:TYLCV:Is	Productive, medium, compact plants produce smooth extra-large fruit with good color, firmness and shelf life. Widely adapted, proven to excellent quality and high yields.
84719	MARIANA	74	4-5 oz., Deep Blocky	Determinate, Compact	HR:Aal, Fol:1-3, Mi^, Va:1, Vd:1 IR:Ss	Very large, firm, blocky saladette with thick fruit walls and exceptional shelf life. Uniform green shoulders and jointed pedicel.
84736	PLUM REGAL	79	4 oz., Blocky	Determinate, Medium-Large, Vigorous	HR:Fol:1,2, TSWV, Va	Late maturing fresh market plum with exceptional yield. Highly resistant to fruit crack and greywall. Determinate plant with heavy cover. Fruit has deep red interior. For vine ripe or mature green harvest.



DAYTONA



MARIANA



PLUM REGAL

CHERRY | HYBRID

Item #	Variety ↓	Days (TP)	Fruit Size, Shape	Plant Type	Resistance/ Tolerance	Features
83645	BHN 268	68	< 1 oz., Small Globe	Determinate, Medium-Tall	HR:Fol:1, Va, Vd	Smooth, attractive fruits ripen to fully red. Premium, extra-firm, uniform fruits hold, pack, ship extremely well. Exceptional flavor.
84737	MOUNTAIN MAGIC	74	2 oz.+, Round	Indeterminate, Compact	HR:Fol:1,2, Va IR:Pi	Expect a little larger size (cocktail) with a great sweet taste. Uniform red fruit on a manageable plant type that is resistant to late blight.
84738	SUN GOLD Orange	55-60	13-15 Grams, Round	Indeterminate	HR:Fol:1, TMV:2	Tiny, cherry-sized bright orange to golden fruits have juicy and deliciously sweet flavor (9% brix). Perfect for a satisfying, healthy snack, on salads or in other dishes.
84723	SWEET TREATS Pink	65-67	20-30 Grams, Globe	Indeterminate	HR:Fol:1,2, Pf:A-E, ToMV:0,1 IR:For, Ss	Large dark pink cherry tomato that tastes delicious! Strong, vigorous plants with high yields. Ideal for retail markets, home garden or plant sales. Offers great cracking resistance.



BHN 268



MOUNTAIN MAGIC



SUN GOLD



SWEET TREATS

GRAPE | HYBRID

Item #	Variety ↓	Days (TP)	Fruit Size, Shape	Plant Type	Resistance/ Tolerance	Features
83377	BHN 785	65-70	8-13 Grams, Oval, Elongated	Determinate, Tall	IR:Fol:1	Vigorous plant with good cover. Better uniformity of size and shape over other grape varieties. High yielding and firm fruit for excellent post harvest quality.
83378	GOLD SPARK <small>NEW</small> Yellow	Mid-Late	12-14 Grams, Barrel, Blocky	Indeterminate	HR:ToMV:0-2, Pf:A-E	Firm with great taste and excellent shelf life. High yield potential and consistent brix throughout the season. Plants display strong vigor with medium height. Ideal for outdoor environments or low-tech hydroponic applications.
84740	JOLLY GIRL	62	10-13 Grams, Oblong	Determinate	IR:Fol:1,2, Va, Vd	Tremendous taste with good uniformity and shelf life. Almost no cracking and high brix.
84724	RUBY CRUSH	65-70	12-17 Grams, Blocky, Oval	Determinate	HR:Fol:1,2, For, ToMV:0-2 IR:Ss	Deep red fruit that are very smooth, uniform and firm with good flavor. Setting and size is very good through the plant with high yield potential.
84728	SWEET HEARTS	64	7-9 Grams, Elongated, Oval	Indeterminate	HR:Pf:A-E, Fol:1, ToMV:0-2 IR:Ss	Leading grape tomato that is brilliant red, has excellent flavor, shelf life and resistance to cracking. Good vigor, produces early, impressive yields with continuous sets and full clusters of very firm fruit. Excellent quality.

**BHN 785****GOLD SPARK****JOLLY GIRL****RUBY CRUSH****SWEET HEARTS**

SAN MARZANO | HYBRID

Item #	Variety	Days (TP)	Fruit Size, Shape	Plant Type	Resistance/ Tolerance	Features
88303	MARZITO <small>NEW</small>	50-55	2x0.75"	Indeterminate	HR:Fol:1, Pf, Ma, Mi, Mj, TMV, ToMV	Snack type that could be considered a mini-Marzano or a large grape. Very sweet and meaty, great eating fresh or sauteing for a quick sauce. Can be grown ground culture or in a protected structure.

**MARZITO****SUPER VERDE**

TOMATILLO | HYBRID

Item #	Variety	Days (TP)	Fruit Size, Shape	Plant Type	Features
84729	SUPER VERDE	59	2.4-2.8 oz., Deep Oblate	Indeterminate, Continuous Setting	Improved uniformity, yield potential and longer cycle production. Fruit are firm, have strong healthy husks, attractive green color and above average shelf life. Fruit set is very good.

TOMATO

HEIRLOOM

Item #	Variety ↓	Days (TP)	Fruit Size, Shape	Plant Type	Resistance/Tolerance	Features
84015	BRANDYMASTER PINK <i>Hybrid</i>	80	10-16 oz., Oblate	Indeterminate		Exceptional fruit quality with a great taste! Large plant with potato like leaves to protect fruit from sun. Excellent yield and post harvest quality. Less cracking and better uniformity than open pollinated varieties.
78734	CHOCOLATE SPRINKLES <i>Hybrid</i>	50-55	1.5", Elongated	Indeterminate, Tall	HR:Fol:1, Ma, Mi, Mj	Striped red and dark green colored fruit which are bite size. Rich flavor for snacks or salads. Highly productive and disease resistant.
84016	STRIPED GERMAN	90	Up to 2.5 lbs., Round, Oblate	Indeterminate, Medium Tall		Classic Striped German with colorful red and yellow skin and flesh color. Remarkable taste of very large fruit. Beautiful when sliced.



BRANDYMASTER PINK



CHOCOLATE SPRINKLES



STRIPED GERMAN

TOMATO PRICING

Item #	Variety	Code pg 3	Price Per M M=1000 Seeds				
ROUND RED/FRESH MARKET			500 sds	1 M	5 M	25 M	100 M
87708	B-3345	Trt/Pel	82.70	137.80	135.20	132.60	130.00
87793	B-3353	Trt/Pel	51.70	86.10	82.20	80.25	78.25
84731	BHN 589	Unt/Pel	50.20	83.60	79.80	77.90	76.00
84732	BHN 602	Unt/Pel	53.50	89.10	85.05	83.05	81.00
84712	Camaro	Trt/Pel	56.50	94.15	89.85	87.70	85.55
85477	Charger	Trt	48.20	80.30	76.65	74.85	73.00
84713	Grand Marshall	Trt/Pel	55.20	91.95	87.75	85.65	83.55
83179	Jolene	Trt/Pel	41.50	69.10	65.95	64.40	62.80
84714	Red Snapper	Trt/Pel	61.80	102.95	98.25	95.90	93.55
84716	Roadster	Trt/Pel	55.20	91.95	87.75	85.65	83.55
85324	Rocky Top	Unt	35.90	59.80	57.10	55.70	54.34
82146	Skyway 687	Trt	50.10	83.45	79.65	77.75	75.82
84297	STM2255	Trt/Pel	88.85	148.05	141.30	137.95	134.55
85396	Summerpick	Unt	39.45	65.75	62.80	61.30	59.77
81302	Winter Haven 163	Trt			88.25	86.15	84.01
ROUND YELLOW/FRESH MARKET			500 sds	1 M	5 M	25 M	100 M
83376	BHN 871	Unt/Pel	46.90	78.10	74.55	72.80	71.00
ROMA/SALADETTE			500 sds	1 M	5 M	25 M	100 M
84710	BHN 1045	Unt/Pel	53.50	89.10	85.05	83.05	81.00
83646	BHN 685	Unt/Pel	50.20	83.60	79.80	77.90	76.00
84711	BHN 783	Unt/Pel	46.90	78.10	74.55	72.80	71.00
85289	Daytona	Trt/Pel	40.00	66.65	63.60	62.10	60.55
84719	Mariana	Trt/Pel	39.70	66.10	63.10	61.60	60.05
84736	Plum Regal	Trt/Pel	50.70	84.45	80.60	78.70	76.75

TOMATO PRICING

Item #	Variety	Code pg 3	Price Per M or LB			M=1000 Seeds		
CHERRY			100 sds	500 sds	1 M	5 M	25 M	100 M
83645	BHN 268	Unt/Pel	32.00	127.90	213.10	209.05	205.05	201.00
83374	BHN 762	Unt/Pel	32.00	127.90	213.10	209.05	205.05	201.00
85587	Mountain Magic	Trt	14.05	56.10	93.50	89.25	87.15	85.00
84737	Mountain Magic	Trt/Pel	14.20	56.80	94.60	90.30	88.15	86.00
84738	Sun Gold	Unt	7.95	31.70	52.80	50.40	49.20	48.00
84723	Sweet Treats	Trt	38.65	154.60	257.60	252.75	247.90	243.00
GRAPE			100 sds	500 sds	1 M	5 M	25 M	100 M
83315	BHN 784	Unt/Pel	32.00	127.90	213.10	209.05	205.05	201.00
83377	BHN 785	Unt/Pel	32.00	127.90	213.10	209.05	205.05	201.00
83378	Gold Spark	Trt	42.60	170.35	283.85	278.50	273.15	267.75
84740	Jolly Girl	Trt	19.25	77.00	128.30	125.85	123.45	121.00
84724	Ruby Crush	Trt/Pel	26.05	104.05	173.40	170.10	166.85	163.55
84727	Sweet Canary	Trt	20.85	83.35	138.90	136.25	133.65	131.00
84728	Sweet Hearts	Trt/Pel	36.70	146.65	244.40	239.80	235.20	230.55
SAN MARZANO			100 sds	500 sds	1 M	5 M	25 M	100 M
88303	Marzito	Trt	20.05	80.20	133.60	131.05	128.55	126.00
TOMATILLO			500 sds		1 M	5 M	25 M	100 M
84729	Super Verde	Trt	10.75		17.90	17.10	16.70	16.25
HEIRLOOM			100 sds	500 sds	1 M	5 M	25 M	100 M
78734	Chocolate Sprinkles	Unt	17.85	71.25	118.75	116.50	114.25	112.00
HEIRLOOM			1/8 oz	1/4 oz	1/2 oz	1 oz	1/4 lb	1 lb
84015	BrandyMaster Pink	Unt	17.90	29.80	48.80	80.00	240.00	800.00
59093	Brandywine Pink	Unt		7.45	12.20	20.00	60.00	200.00
84016	Striped German	Unt		7.45	12.20	20.00	60.00	200.00



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Item #	Variety	Days (DS)↓	Root Color	Leaf Type	Resistance/ Tolerance	Features
50970	ALAMO <i>Hybrid</i>	33	Produced for Tops Only	Broad, Smooth		Broad leaves with short petioles. Up to 50% better yields over standard turnip greens. Excellent regrowth ability ideal for multiple cuts. Mostly used for processing, can be used for fresh market.
45573	ALL TOP <i>Hybrid</i>	35	Produced for Tops Only	Broad Erect, Long Petioles		High yielding with vigorous regrowth. Thick, tender leaves like the tendergreen type with a well developed root system. It grows well under moderate climate conditions. Best for processing and multiple cuttings.
46240	TOPPER <i>Hybrid</i>	35	Produced for Tops Only	Broad , Serrated	T:Bolt	Seven Top-type that is heavy yielding. Large, broad and serrated leaf that is pale green. Vigorous regrowth ability for multiple harvests.
34756	ROYAL CROWN <i>Hybrid</i>	50	Purple Top, White Bottom	Deeply Lobed, Short Petioles	T:Bolt	Multi-use variety that can be used for greens or roots. Uniform deep cut leaves and top shaped roots. Sweet, mild flaovr ideal for fresh market and home gardeners.
84704	PURPLE TOP WHITE GLOBE	50-55	Bright Purple Shoulder, White Bottom	Dark Green, Cut Leaf	T:Bolt	Smooth attractive globe shaped roots. Upright plant habit with dark green leaves. Sweet taste.



ALAMO



ALL TOP



TOPPER



ROYAL CROWN



PURPLE TOP WHITE GLOBE

TURNIP PRICING

Item #	Variety	Code pg 3	Price Per LB				
			1 oz	1/4 lb	1 lb	5 lb	25 lb
50970	Alamo	Trt	13.20	38.40	114.50	111.25	108.00
45573	All Top	Trt	10.15	29.50	88.00	85.50	83.00
84704	Purple Top White Globe	Trt			16.45	16.00	15.50
34756	Royal Crown	Trt	12.95	37.70	112.40	109.20	106.00
46240	Topper	Trt	13.05	38.05	113.45	110.25	107.00
50257	White Lady	Trt	20.50	59.70	178.10	173.05	168.00

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- High yielding
- High brix level
- Healthy plants with tolerance to Powdery Mildew
- Size: 6-50%, 8-30% **Other** 20%



Expert

- High yielding
- Very strong vines
- Healthy plants with tolerance to Powdery Mildew
- Size: 6-40%, 8-40% **Other** 20%



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- Strong vines
- High brix level
- High yielding
- Uniform round shape
- Size: 6-50%, 8-30% **Other** 20%

Extazy

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- Very good shelf life
- Good ability to recover after harvest
- Ideal for multiple harvests
- Size: mostly size 6

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SEEDS OF SUCCESS

WATERMELON – TRIPLOID (SEEDLESS)

COLORED FLESH TYPES | HYBRID

Item #	Variety ↓	Days (TP)	Size	Shape	Flesh Color	Features
86257	ORANGE CRISP	92	14-18 lbs.	Round, Oval	Orange	Vibrant orange colored flesh which is sweet, firm and crispy. Tiger striped rind pattern reduces sunburn.
72730	YELLOW BUTTERCUP	90	14-16 lbs.	Round, Oval	Bright Yellow	One of the best yellow fleshed varieties to grow. Nearly round with flavorful flesh that's dense, crisp and high in sugars. Great eating quality and high yields.



ORANGE CRISP



YELLOW BUTTERCUP

CRIMSON SWEET RIND TYPES | HYBRID

Item #	Variety ↓	Days (TP)	Size	Shape	Flesh Color	Resistance/ Tolerance	Features
84258	7177HQ Super Seedless®	89	16-20 lbs.	Oval	Bright Red	IR:Co:1, Fon:1	Very strong plant vigor. Very firm, bright red flesh with fantastic texture and taste.
83331	7187HQ Super Seedless®	89	16-20 lbs.	Oval, Blocky	Bright Red	IR:Co:1, Fon:1	Excellent flesh quality, firm and crunchy but not fibrous. Strong plant growth habit. Easy setting. Mostly 45 count for whole fruit bin shipping.
83332	7197HQ Super Seedless®	87	16-20 lbs.	Oval	Bright Red	IR:Co:1, Fon:1	Excellent internal and external quality. Slightly earlier maturing with a strong plant and extended harvest for high yielding potential.
82788	CAPTIVATION	89	14-17 lbs.	Blocky	Dark Red	IR:Co:1, Fon:1	Uniform, improved fruit set on strong plant with high yield potential. Mostly 45-count for whole fruit markets. Suitable for fresh market and fresh-cut use.
79426	EXCLAMATION	90	17-18 lbs.	Blocky, Oval	Red	IR:Co:1, Fon:1	Suitable for fresh and processing markets. Very vigorous and produces high quality fruit. High yielding ability and has a long shelf life.
69947	EXCURSION	81	18-22 lbs.	Blocky	Deep Red	IR:Co:1, Fon:1	Performs well in challenging conditions to meet market demands. Matures up to seven days earlier than current standard varieties. Improved flesh quality. 36/45 count.



7177HQ



7187HQ



7197HQ



104 CAPTIVATION



EXCLAMATION



EXCURSION

WATERMELON – TRIPLOID (SEEDLESS)

CRIMSON SWEET RIND TYPES | HYBRID (Cont'd)

Item #	Variety ↓	Days (TP)	Size	Shape	Flesh Color	Resistance/ Tolerance	Features
85376	FASCINATION	75-85	15-20 lbs.	Blocky	Dark Red	IR:Co:1, Fon:1	Medium-early fruit with firm flesh, high sugars, and very small pips. Strong plant vigor, very good vine growth habit and high yields. Excellent uniformity and fruit set with high quality fruit. Medium, thick, durable rind is perfect for long distance shipping. 36/45 count.
84706	KINGMAN	85	18-22 lbs.	Round, Oval	Bright Red		Firm, crisp flesh and tiny pips. Strong vines and has high yield potential. Bright red, tasty flesh makes this a melon great for eating. 36/45 count.
79427	MELODY	79	14-16 lbs.	Round, Oval	Deep Red	IR:Co:1	Early maturity. Attractive, dark red flesh with crisp texture. Heavy concentrated set with richer rind pattern than standard varieties.
84707	RED AMBER	89	16-20 lbs.	Oval	Dark Red		Strong, vigorous plant that produces high quality uniform fruit with crisp, sweet flesh.
81586	RED GARNET	83-84	16-20 lbs.	Oval	Deep Red		Prolific yielder! Deep red, very firm and sweet. Proven to be a very adaptable variety in eastern US and Texas. Strong seedling vigor with a vigorous plant that produces uniform size and shaped fruit throughout it's extended harvest. Preferred dark green crimson stripe exterior and strong rind is excellent for 45 count bin shipping. Gowan Exclusive!
85347	SUGAR FRESH	87	16-20 lbs.	Oval, Blocky	Medium- Dark Red		Uniform fruit with small pips. Strong, vigorous vine. Mostly 36/45 bin count.
69572	SWEET DAWN	74	16-20 lbs.	Blocky	Dark Red	IR:Co:1, Fon:1	Early-maturing variety that produces consistently high yields of attractive and great tasting fruit. Has dark red, firm flesh and smooth skin. 36/45 count.
85303	SWEET POLLY	88	15-18 lbs.	Oval, Blocky	Vivid Red	IR:Co:1, Fon:0,1	A well known Crimson seedless variety grown, packed and shipped from thousands of commercial watermelon acres in the USA. Proven performance and predominately 45 bin count. Offered at a bargain price!



FASCINATION



KINGMAN



MELODY



RED AMBER



RED GARNET



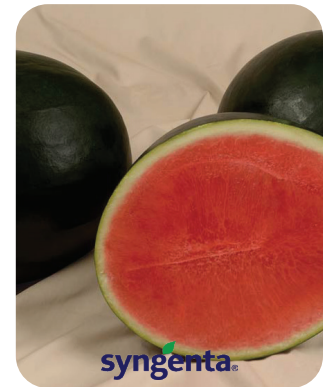
SUGAR FRESH



SWEET DAWN



SWEET POLLY





SWEET GEM

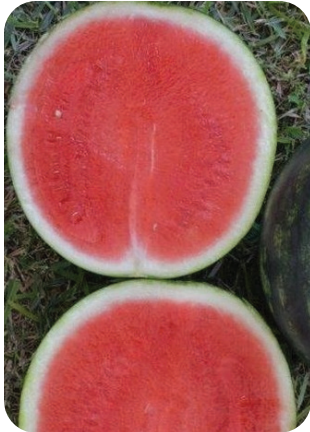
SUGAR BABY RIND TYPE | HYBRID

Item #	Variety	Days (TP)	Size	Shape	Flesh Color	Features
66872	SWEET GEM	79	13-16 lbs.	Round	Dark Red	Rich, glossy, dark green Sugar Baby type rind. Firm, very dark red, crisp flesh with small pips. Uniform, classy fruit with excellent yield potential.

WATERMELON – TRIPLOID (SEEDLESS)

PERSONAL SIZE | HYBRID

Item #	Variety ↓	Days (TP)	Size	Shape	Flesh Color	Resistance/ Tolerance	Features
69677	ANA	85	6.2-7.3 lbs.	Round	Deep Red,		Personal-size with an appealing dark-crimson rind. Dark red, firm flesh with great flavor. 6-8 count.
27007	EXTAZY	80-85	4.5-6.5 lbs.	Round	Brilliant Red		Dark Crimson rind pattern. Bright red flesh that is sweet and crispy. Ideal for late Spring and Summer plantings. High yielding.
84743	MINI BEE	90	5-6 lbs.	Round	Deep Red		True personal sized (8-6 count) mini-seedless with superior flavor and a dark red, crisp interior. Attractive dark striped (Allsweet) rind with strong and productive vines.
88236	NECTARO 	78	5-7 lbs.	Round	Red		New generation of quality! Darker striped crimson rind with a strong plant type for multiple harvests. High yields with great uniformity of size and shape. Crisp red flesh with superior taste, 11-13% brix. 6-8 count.
85431	SIRIUS 	74	5.5-6.5 lbs.	Round	Red	IR:Fon:1	Early maturing, uniform fruit with crisp red interior flesh and small pips. Crimson rind pattern that's medium thick. Plants have strong vigor and fusarium resistance.



ANA



EXTAZY



MINI BEE



NECTARO



SIRIUS

IN ROW POLLENIZERS FOR TRIPLOIDS (SEEDLESS) | HYBRID

Item #	Variety ↓	Days (TP)	Shape	Flesh Color	Resistance/ Tolerance	Features
79706	ACE PLUS	Early	Round-Oval, Light Green Background with Medium Green Stripes	Red	IR:Co:1, Fon:1	Very early flowering date that make pollen available for the first female flowers produced by the hybrid. Continues to flower well beyond the hybrid.
86038	MINIPOOL	75	Round, Light Green	Red		Marketable 4-6 lb. pollenizer with continuous production of male flowers. Excellent pollinator for all sizes and rind patterns.
83431	WILD CARD PLUS	Early	Round-Oval, Light Green Background with Medium Green Stripes	Yellow	IR:Co:1, Fon:1	Early and extended flowering period that ensures early pollen availability when the hybrid starts flowering. Extended flowering period that goes well beyond the hybrid. Excellent pollen quality for maximum yields.



ACE PLUS



MINIPOOL



WILD CARD PLUS

WATERMELON – DIPLOID (SEEDED)

ALLSWEET RIND TYPES | HYBRID

Item #	Variety ↓	Days (TP)	Size	Shape	Flesh Color	Resistance/ Tolerance	Features
84879	790HQ	82	22-26 lbs.	Blocky, Elongated	Deep Red	IR:Co:1, Fon:1	Excellent exterior and interior qualities. Firm, red flesh contributes to excellent post harvest and shipping characteristics.
86023	800	82	24-28 lbs.	Oval, Elongated	Deep Red	IR:Co:1, Fon:1	Strong plant vigor contributes to high yields. Produces superior quality large, crispy, deep red fruit.
83333	860	84	20-24 lbs.	Blocky, Elongated	Deep Red	IR:Co:1, Fon:1	Proven performance for high yields of consistent 20-24 lb. attractive fruit with uniform shape and size. Consumer always appreciates the flavor of a crispy, deep red, sweet flesh melon. Excellent for shipping.
61214	ESTRELLA	80	20-24 lbs.	Blocky, Oblong	Dark Red	IR:Co:1, Fon:2	Early, high yielding and reliable. Firm, dark red flesh has excellent quality. Vigorous vine with large leaves which produce uniform fruit. Great pollinizer.
85395	JAMBOREE	83	24-28 lbs.	Elongated	Deep Red	IR:Fon	Sizes well under cool and stressed conditions. Produces large fruit with deep red flesh and excellent flavor.
13693	SANGRIA	87	20-24 lbs.	Elongated	Dark Red	IR:Co:1, Fon:1	"Gold standard" for eating quality in the Allsweet market. High in sugars and flavor. Great for many growers, brokers and shippers.
75593	SSX8585	90	18-22 lbs.	Long Blocky	Deep Red	IR:Co:1, Fon:1	High yields of sweet, bright red flesh fruit. Excellent for early flowering pollinizer. Performs well in areas where size is needed to fit the market needs. Strong and vigorous vines provide great protection.



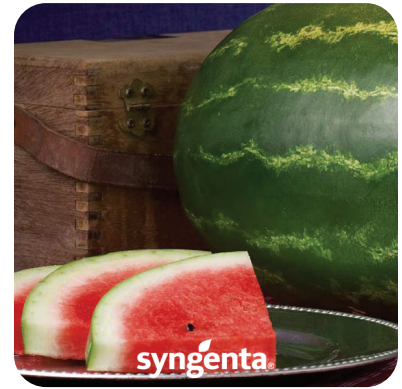
790HQ



800



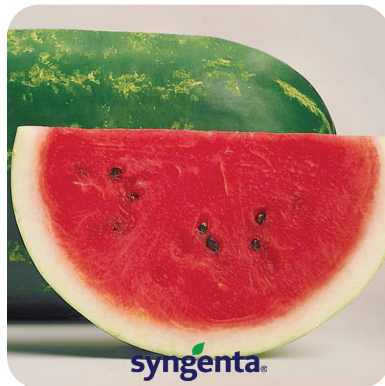
860



ESTRELLA



JAMBOREE



SANGRIA



SSX8585



TOP GUN

CRIMSON SWEET RIND TYPE | HYBRID

Item #	Variety	Days (TP)	Size	Shape	Flesh Color	Resistance/ Tolerance	Features
66657	TOP GUN	83	22-26 lbs.	Globe	Deep Red	IR:Co:1, Fon:0,1	Firm and crisp, the flavor and quality is superior for Crimson Sweet types. A proven performer - excellent seedling vigor get the plants off to a good start. Produces large globe-shaped fruit with a bright red and sweet flesh.

WATERMELON – DIPLOID (SEEDED)

SOLID DARK RIND TYPES | HYBRID

Item #	Variety	Days (TP)	Size	Shape	Flesh Color	Features
84709	SWEETIE PIE	75	13 lbs.	Round	Dark Red	Sugar baby type with knock-out flavor! Interior is slightly crunchy, very juicy and sweet. Dark green-black, thin, glossy rind.

TRIPLOID (SEEDLESS) WATERMELON PRICING

Item #	Variety	Code pg 3			Price Per M		M=1000 Seeds	
COLORED FLESH TYPES			100 sds	500 sds	1 M	5 M	25 M	Waivers Required, Page #
28096	Amarillo	Pr/F400				365.55	356.60	Gowan 113
86257	Orange Crisp	Unt	44.00	176.00	293.30	284.95	278.00	Gowan 113, US Seedless (ask)
72730	Yellow Buttercup	Trt			371.40	360.80	352.00	Gowan 113, Sakata 115-116
CRIMSON SWEET RIND TYPES				500 sds	1 M	5 M	25 M	Waivers Required, Page #
84258	7177HQ	Pr/Trt				297.70	290.42	Gowan 113, Nunhems (ask)
83331	7187HQ	Pr/Trt				302.90	295.51	Gowan 113, Nunhems (ask)
83332	7197HQ	Pr/Trt				302.90	295.51	Gowan 113, Nunhems (ask)
82788	Captivation	F400			284.05	275.95	269.20	Gowan 113
79102	Captivation	Pr/F400				275.95	269.20	Gowan 113
85483	Captivation	Trt			284.05	275.95	269.20	Gowan 113
60853	Charismatic	Trt				245.00	239.00	Gowan 113, Sakata 115-116
79426	Exclamation	F300				267.05	260.50	Gowan 113
86395	Excursion	F400			294.70	286.30	279.30	Gowan 113
69947	Excursion	Pr/F400			294.70	286.30	279.30	Gowan 113
86224	Fascination	F400			314.50	305.60	298.10	Gowan 113
85376	Fascination	Pr/F400			314.50	305.60	298.10	Gowan 113
84706	Kingman	Pr/Trt				245.00	239.00	Gowan 113, Sakata 115-116
79427	Melody	Pr/F400				297.05	289.80	Gowan 113
84707	Red Amber	F400				273.95	267.24	Gowan 113
81586	Red Garnet	F400			291.25	282.95	276.04	Gowan 113
60852	Secretariat	Trt				245.00	239.00	Gowan 113, Sakata 115-116
85347	Sugar Fresh	Pr/F400				265.10	258.60	Gowan 113
69013	Sweet Dawn	F400				313.65	306.00	Gowan 113
69572	Sweet Dawn	Pr/F400				313.65	306.00	Gowan 113
85303	Sweet Polly	Pr/F400		107.65	179.35	174.25	170.00	Gowan 113
85394	Sweet Polly	Pr/Trt				174.25	170.00	Gowan 113
85392	Sweet Polly	Trt		107.65	179.35	174.25	170.00	Gowan 113
85393	Sweet Polly	Unt		107.65	179.35	174.25	170.00	Gowan 113
81311	Talca	F400				254.55	248.30	Gowan 113
SWEET BABY RIND TYPES					1 M	5 M	25 M	Waivers Required, Page #
85721	Sweet Gem	F400			391.65	380.50	371.20	Gowan 113
66872	Sweet Gem	Pr/F400				380.50	371.20	Gowan 113
66872	Sweet Gem	Unt				380.50	371.20	Gowan 113
PERSONAL SIZE				500 sds	1 M	5 M	25 M	Waivers Required, Page #
69677	Ana	F400		162.90	271.50	263.75	257.30	Gowan 113
27007	Extazy	Trt		163.45	272.35	264.60	258.11	Gowan 113
84743	Mini Bee	Trt		158.25	263.75	256.25	250.00	Gowan 113
88236	Nectaro	Trt		154.05	256.75	249.45	243.33	Gowan 113
85431	Sirius	Pr/Trt			242.15	235.25	229.50	Gowan 113



SWEETIE PIE

IN ROW POLLENIZERS FOR TRIPLOIDS PRICING

Item #	Variety	Code pg 3	Price Per M		M=1000 Seeds		Waivers
			500 sds	1 M	5 M	25 M	Required, Page #
79706	Ace Plus	Trt	113.35	188.85	183.50	179.00	Gowan 113, Sakata 115-116
86038	Minipool	Trt	38.00	63.30	61.50	60.00	Gowan 113
83431	Wild Card Plus	Trt	129.80	216.30	210.15	205.00	Gowan 113, Sakata 115-116

DIPLOID (SEEDED) WATERMELON PRICING

Item #	Variety	Code pg 3	Price Per M or LB		M=1000 Seeds		Waivers
ALLSWEET RIND TYPES			1 M	5 M	25 M		Required, Page #
86023	800	F300	86.05	83.60	81.52		Gowan 113, Nunhems (ask)
83333	860	Trt	86.05	83.60	81.52		Gowan 113, Nunhems (ask)
84879	790HQ	Trt	86.05	83.60	81.52		Gowan 113, Nunhems (ask)
61214	Estrella	F400	81.25	78.95	77.00		Gowan 113
85395	Jamboree	F400	83.95	81.55	79.56		Gowan 113
13693	Sangria	F400	86.75	84.30	82.20		Gowan 113
75593	SSX8585	Trt	65.45	63.55	62.00		Gowan 113, Sakata 115-116
82624	SSX8585	Unt		63.55	62.00		Gowan 113, Sakata 115-116
CRIMSON SWEET RIND TYPE			1 M	5 M	25 M		Waivers
66657	Top Gun		81.80	79.50	77.52		Gowan 113
SOLID DARK RIND TYPE			1 M	5 M	25 M		Waivers
84709	Sweetie Pie	Trt	37.70	36.65	35.72		Gowan 113, Sakata 115-116
SUGAR BABY RIND TYPE				1 lb	10 lb		Waivers
43417	Sugar Baby	Unt		22.47	21.50		Gowan 113
O.P.			1/4 lb	1 lb	10 lb		Waivers
68479	Crimson Sweet	Trt	12.05	35.84	34.30		Gowan 113, Hollar (ask)
79717	Mickylee	Trt	13.40	39.97	38.25		Gowan 113

RED GARNET

It may be the best seedless watermelon you have ever grown!

- Maintains Size & Shape for Multiple Cuttings
- Great Rind for Shipping
- Strong, Vigorous Plant
- Extremely High Sugar Content
- Gowan Exclusive!

83-84 Days
16-20 lbs.
Mostly 45 Count
Attractive
Deep Red Flesh
Uniform
High Yield Potential

Plants you can count on

Choice, Flexibility, Simplicity

The Full Count® Plant Program has changed the way watermelon growers across the U.S. prepare for their season. Since its beginning in 2002, Full Count has established itself as the leading supplier of quality transplants in the watermelon industry. Full Count provides Syngenta genetics to every major U.S. production region from preferred transplant producers that growers can depend on.

Gone are the challenges associated with germination, emergence and usable plants when transplanting your crop in the field. Instead, you get the assurance of receiving the "full count" of your plant order, and you get the simplicity and choice of selecting from our leading transplant producers. Most importantly, you get the expertise of the Full Count team providing the customer service you can depend on — satisfaction guaranteed.

The Full Count Deuces and Full Count Duals companion transplant programs can help you increase the efficiency of your transplant operations and reduce labor costs even more. By combining the best of its patented technologies — Syngenta seedless watermelon varieties and Super Pollenizer™ varieties — into one transplant plug, Syngenta is redefining the way the industry transplants watermelons: fast, easy and cost-efficiently.



Full Count®
Plant program

VARIETIES OFFERED

MELONS

Accolade, Aphrodite, Astound, Athena

WATERMELONS

Seedless: Captivation, Distinction, Exclamation, Excursion, Fascination, Melody, Sweet Dawn

Seedless/Personal Size: Sirius

Seedless/Specialty: Sweet Gem

Super Pollenizer: SP-7

Seeded: Jamboree, Sangria



Call your local seed consultant on page 1 today!

DISEASE CODES

Crop	Code	Disease
BEANS	BCMV	Bean Common Mosaic
	BCTV	Curley Top
	Cl	Anthracnose
	Psp	Halo Blight
	Pss	Bacterial Brown Spot
	Ua	Rust
	Cb	Leaf Spot
BRUSSELS SPROUTS	Foc	Fusarium Yellows
CABBAGE	Bolt	Bolting
	BLS	Black Leaf Spot
	Foc	Fusarium Yellows
	Pb	Clubroot
	Xcc	Black Rot
CARROT	Ad	Alternaria Leaf Blight
	Cc	Cercospora Leaf Blight
	Eh	Powdery Mildew
	Ps	Cavity Spot
	S	Silvering
	Xhc	Bacterial Leaf Blight
	Bm	Southern Corn Leaf Blight
CORN, SWEET	Et	Northern Leaf Blight
	MDMV	Maize Dwarf Mosaic Virus
	Ps	Common Rust
	Pst	Stewart's Wilt
	Cca	Corynespora Blight and Target Spot
CUCUMBER	Ccu	Scab and Gummosis
	CMV	Cucumber Mosaic Virus
	Co	Anthracnose
	CVYV	Cucumber Vein Yellowing
	Pcu	Downy Mildew
	PRSV	Papaya Ring Spot
	Psl	Angular Leaf Spot
	Px	Powdery Mildew
	WMV	Watermelon Mosaic Virus
	ZYMV	Zucchini Yellow Mosaic Virus
EGGPLANT	TMV	Tobacco Mosaic Virus
	ToMV	Tomato Mosaic Virus
LEEK	Pa	Rust
	Tt	Onion Thrips
LETTUCE	Bl	Downy Mildew
	LMV	Lettuce Mosaic Virus
	Nr	Lettuce Leaf Aphid
	Pb	Lettuce Root Aphid

Crop	Code	Disease
LETTUCE	Rs	Corky Root
	TBSV	Lettuce Die-Back
MELONS	Ag	Cotton Aphid
	Fom	Fusarium Wilt
	Gc	Powdery Mildew
	PRSV	Papaya Ring Spot
	Px	Powdery Mildew
	S	Sulfur
ONION	WMV	Watermelon Mosaic Virus
	ZYMV	Zucchini Yellow Mosaic Virus
	Ap	Purple Blotch
	Ba	Botrytis Neck Rot
	Foc	Basal Rot
PEA	Pd	Downy Mildew
	Pt	Pink Root
	BYMB	Bean Yellows Moasaic
	Ep	Powdery Mildew
	Fop	Near Wilt
	Fs	Fusarium Root Rot
	PEMV	Pea Enation Mosaic Virus
PEPPER	Pv	Downy Mildew
	CMV	Cucumber Mosaic Virus
	Pc	Buckey Fruit and Root Rot (Phytophthora Capsici)
	PVY	Potato Virus Y
	TEV	Tobacco Etch Virus
PUMPKIN	Tm	Tobamovirus
	TMV	Tobacco Mosaic Virus
	ToMV	Tomato Mosaic
	TSWV	Tomato Spotted Wilt
	Xcv	Bacterial Spot
RADISH	Pcu	Downy Mildew
	Px	Powdery Mildew
	WMV	Watermelon Mosaic
	ZYMV	Zucchini Yellow Mosaic Virus
SPINACH	For	Fusarium Wilt
	Hb	Downy Mildew
	Psm	Bacterial Leaf Spot, Peppery Leaf Spot
SQUASH	CMV	Cucumber Mosaic Virus
	Pe	Downy Mildew
	PRSV	Papaya Ring Spot Virus
	Ps	Black Root Rot
TURNIPS	Px	Powdery Mildew

Crop	Code	Disease
SQUASH	WMV	Watermelon Mosaic Virus
	ZYMV	Zucchini Yellow Mosaic Virus
SWISS CHARD	Cb	Leaf Spot
	Ps	Downy Mildew
TOMATO	Aal	Alternaria Stem Canker
	Fol	Fusarium Wilt
	For	Fusarium Crown and Root Rot
TURNIPS	Ma	Root-Knot (Meloidogyne Arenaria)
	Mi	Root-Knot (Meloidogyne Incognita)
	Mi^	^ Soil temperatures above 80.6 °F (27°C) and other stress conditions may cause Mi resistance to break.
	Mj	Root-Knot (Meloidogyne Javanica)
	Pf	Leaf Mold
	Pi	Late Blight
	Pl	Corky Root Rot
	Pst	Bacterial Speck
	Ss	Gray Leaf Spot
	TMV	Tobacco Mosaic Virus
WATERMELON	ToANV	Tomato Apex Necrotic
	ToMV	Tomato Mosaic Virus
	TSWV	Tomato Spotted Wilt
	TYLCV	Tomato Yellow Leaf Curl
	Va	Verticillium Wilt (Verticillium Albo-atrum)
TURNIPS	Vd	Verticillium Wilt (Verticillium Dahliae)
	Bolt	Bolting
WATERMELON	Co	Anthracnose
	Fon	Fusarium Wilt

High resistance (HR): plant varieties that highly restrict the growth and/or development of the specified pest and/or the damage it causes under normal pest pressure when compared to susceptible varieties. These plant varieties may, however, exhibit some symptoms or damage under heavy pest pressure.

Intermediate resistance (IR): plant varieties that restrict the growth and/or development of the specified pest and/or the damage it causes but may exhibit a greater range of symptoms or damage compared to high resistant varieties. Intermediate resistant plant varieties will still show less severe symptoms or damage than susceptible plant varieties when grown under similar environmental conditions and/or pest pressure.

Tolerance (T): the ability of a plant variety to endure abiotic or environmental stress with more limited effect on growth, appearance, and yield although, under higher levels of abiotic stress, the plant variety may be damaged.

STEWARDSHIP AGREEMENT

Section A GROWER INFORMATION – Complete This Section - PLEASE PRINT CLEARLY	<p>YOU, THE UNDERSIGNED GROWER, HEREBY ACKNOWLEDGE AND AGREE THAT: (1) YOU HAVE READ, UNDERSTAND, AND AGREE TO THE TERMS AND CONDITIONS OF THIS STEWARDSHIP AGREEMENT; (2) THIS IS A LEGALLY BINDING CONTRACT; (3) YOU ARE FULLY AUTHORIZED TO ENTER INTO THIS STEWARDSHIP AGREEMENT; AND (4) YOU ARE VOLUNTARILY ENTERING INTO THIS STEWARDSHIP AGREEMENT.</p>						
Grower Name (Last, First, MI) <hr/> Farming or "Doing Business As" (d/b/a/ Name): <hr/> Address: _____ City: _____ State: _____ Zip Code: _____ Business Phone: _____ County: _____ E-mail Address: _____ Customer ID #: <u>(Assigned by Syngenta)</u> Technology #: <u>(Assigned by Syngenta)</u> Dealer Name: <u>Gowan Seed Company</u> Dealer Number: _____ (Office Use Only) Dealer Phone: _____ Third Party Syngenta-Licensee: _____ (Office Use Only)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;"> Grower Signature (individual at farm level responsible for planting) </td> <td style="width: 50%; padding: 5px;"> Date </td> </tr> <tr> <td colspan="2" style="padding: 5px;"> Grower Name (Please Print Clearly) Thank you for choosing one or more of the Licensed Technology. Return this Stewardship Agreement to the address shown below. If You have any questions regarding the Licensed Technology or this Stewardship Agreement please call: 1 (877) GRO-CORN or 1 (877) 476-2676. </td> </tr> <tr> <td colspan="2" style="padding: 5px;"> Please return the agreement back to your Dealer at: Fax: 928-373-1828 Email: lwishall@gowanseed.com Mail: Gowan Seed Company, 3362 Big Pine Trl Ste C, Champaign, IL 61822 </td> </tr> </table>	Grower Signature (individual at farm level responsible for planting)	Date	Grower Name (Please Print Clearly) Thank you for choosing one or more of the Licensed Technology. Return this Stewardship Agreement to the address shown below. If You have any questions regarding the Licensed Technology or this Stewardship Agreement please call: 1 (877) GRO-CORN or 1 (877) 476-2676.		Please return the agreement back to your Dealer at: Fax: 928-373-1828 Email: lwishall@gowanseed.com Mail: Gowan Seed Company, 3362 Big Pine Trl Ste C, Champaign, IL 61822	
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This Stewardship Agreement ("Stewardship Agreement") is entered into between you ("Grower") and Syngenta Seeds, LLC ("Syngenta"). By signing and returning this Stewardship Agreement without modification (other than Section A above), Syngenta grants Grower a limited license to use the proprietary technology Bt11 (Attribute®) and/or the Bt11 x MIR162 x GA21 stack (Attribute® II) (each, a "Licensed Technology") embedded in Syngenta's sweet corn seed product or in any seed product distributed by a third party Syngenta-licensee (collectively, "Seed Product"). Any proposed changes to this Stewardship Agreement other than in Section A are hereby rejected by Syngenta and shall have no effect unless approved in writing by Syngenta.

STEWARDSHIP

Grower acknowledges receipt of the applicable Attribute® Grower Guide ("Stewardship Guide") which is incorporated herein by this reference and may be updated from time to time and found at http://www.syngenta-us.com/seeds/vegetables/sweet_corn/sweet_corn.aspx under the "Insect Protection" tab. Grower agrees to periodically check the website for the current Stewardship Guide and to read and comply with the then current Stewardship Guide. If Grower uses any Licensed Technology after Syngenta's release of a new version of the Stewardship Guide or Stewardship Agreement then Growers use shall be deemed an acknowledgement of receipt and agreement to comply with the then current: (i) Stewardship Guide, (ii) Stewardship Agreement, and (iii) the terms and conditions on the Seed Product packaging (collectively, the "Agreement"). The collective Agreement constitutes the entire agreement between Grower and Syngenta regarding the purchase and/or use of Licensed Technology and supersedes any other terms and conditions whether express or implied.

GROWER'S LIMITED USE LICENSE(S). Grower agrees that the Licensed Technology is protected under one or more U.S. patents (the "Patents"). Once this Stewardship Agreement is signed by the Grower then the Grower is granted the limited right, under the applicable Patents, to purchase and plant sweet corn Seed Products containing the Licensed Technology in the United States or Canada (the "Territory") but strictly according to the terms of the entire Agreement. Grower agrees that any Seed Product acquired in the Territory shall only be planted in the Territory. Further, Grower agrees not to plant Seed Product in the Territory which was acquired outside of the Territory.

GROWER RESPONSIBILITIES. Grower shall: (a) use Seed Products solely for planting a single commercial crop of fresh produce, forage or grain for food, feeding or processing; (b) not supply, transfer, resell, license or sublicense any Seed Products to any other person or entity for planting or any other purpose; (c) not to save any crop produced from Seed Products for planting by Grower or any other person or entity; (d) abide by the terms of the entire Agreement, as it may be updated from time to time as described above; (e) report to Dealer listed above, the number of acres and the location (county and state) where the Seed Product is planted within 45 days of planting; (f) communicate all applicable stewardship requirements and obligations to any of its employees and agents with respect to handling of or work involving Seed Products and/or the crop produced from Seed Products, and monitor such employees' and agents' compliance with Grower's responsibilities under the entire Agreement; and (g) not use or allow others to use Seed Products, the crop produced from Seed Products, the Licensed Technology or any plant material containing the Licensed Technology for: (i) crop breeding, (ii) research (including, without limitation, agronomic testing or generation of cooperative data against sweet corn seed not containing the Licensed Technology), (iii) generation of registration data or production of Seed Product (unless Grower has entered into a valid, written production agreement with a licensed seed company expressly authorizing one of more of these actions).

TERM AND TERMINATION. This Stewardship Agreement, once signed by Grower and accepted by Syngenta, will remain in effect until terminated by Grower or Syngenta. This Stewardship Agreement may be terminated by either party at any time for any reason by sending written notice of termination to the other party at the address for such party specified herein. In the case of termination of this Stewardship Agreement by Grower, such notice of termination must include Grower's full name and address. Further, Syngenta may terminate this Agreement for failure of Grower to fully comply with the Grower Responsibilities described above. If Grower violates any terms of this Stewardship Agreement, in addition to other remedies available to Syngenta and any owner of the Patents listed above, Grower may forfeit any right to obtain a license to the Licensed Technology in the future. If this Stewardship Agreement is terminated then Grower will no longer have a right to purchase or use Seed Products, but, Grower's obligations (including but not limited to the above Grower Responsibilities) and Syngenta's rights that arose under the Agreement prior to termination shall remain in effect.

LIMITATIONS OF WARRANTIES AND REMEDIES. Grower agrees that the Limitations of Warranties and Remedies expressly stated on the Seed Product packaging shall be incorporated in this section as if set forth in full.

GENERAL PROVISIONS.

- This Stewardship Agreement and the parties' relationship shall be governed by the laws of the state of Minnesota and the United States (other than the choice of laws rules).
- Grower's rights may not be transferred to any other person or entity without the prior written consent.
- Attribute® is a trademark of a Syngenta Group Company. LibertyLink® is a registered trademark of Bayer.

REMEDY SWEET CORN – SUPPLEMENTAL AGREEMENT

<p>Section A GROWER INFORMATION – Complete This Section - PLEASE PRINT CLEARLY</p> <p>Grower Name (Last, First, MI) _____</p> <p>Farming or “Doing Business As” (d/b/a/ Name): _____</p> <p>Address: _____</p> <p>City: _____ State: _____ Zip Code: _____</p> <p>Business Phone: _____ County: _____</p> <p>E-mail Address: _____</p> <p>Customer ID #: <i>(Assigned by Syngenta)</i> Technology #: <i>(Assigned by Syngenta)</i></p> <p>Dealer Name: Gowan Seed Company</p> <p>Dealer Number: _____ (Office Use Only)</p> <p>Dealer Phone: _____</p> <p>Third Party Syngenta-Licensee: _____ (Office Use Only)</p>	<p>YOU, THE UNDERSIGNED GROWER, HEREBY ACKNOWLEDGE AND AGREE THAT: (1) YOU HAVE READ, UNDERSTAND, AND AGREE TO THE TERMS AND CONDITIONS OF THIS SUPPLEMENTAL AGREEMENT; (2) THIS IS A LEGALLY BINDING CONTRACT; (3) YOU ARE FULLY AUTHORIZED TO ENTER INTO THIS SUPPLEMENTAL AGREEMENT; AND (4) YOU ARE VOLUNTARILY ENTERING INTO THIS SUPPLEMENTAL AGREEMENT.</p> <hr/> <table style="width: 100%;"> <tr> <td style="width: 60%;">Grower Signature</td> <td style="width: 40%;">Date</td> </tr> <tr> <td colspan="2">(individual at farm level responsible for planting)</td> </tr> </table> <hr/> <p>Grower Name (Please Print Clearly)</p> <p>Thank you for choosing one or more of the Licensed Technology. Return this Supplemental Agreement to the address shown below. If you have any questions regarding the Licensed Technology, your Stewardship Agreement or this Supplemental Agreement please call: 1 (877) GRO-CORN or 1 (877) 476-2676.</p> <p>Please return the agreement back to your Dealer at: Fax: 928-373-1828 Email: lwishall@gowanseed.com Mail: Gowan Seed Company, 3362 Big Pine Trl Ste C, Champaign, IL 61822</p>	Grower Signature	Date	(individual at farm level responsible for planting)	
Grower Signature	Date				
(individual at farm level responsible for planting)					

This Supplemental Agreement (“Supplemental Agreement”) is entered into between you (“Grower”) and Syngenta Seeds, LLC (“Syngenta”) and supplements the terms and conditions of your Stewardship Agreement with Syngenta (by its predecessor-in-interest, Syngenta Seeds, Inc.). By signing and returning this Supplemental Agreement without modification (other than Section A above) and pursuant to the terms of this Supplemental Agreement and the Stewardship Agreement, Syngenta grants Grower a limited license to use the proprietary technology Bt11 x MIR162 x GA21 stack (the “Licensed Technology”) embedded in Syngenta’s “Remedy” sweet corn seed product or in any seed product distributed by a third party Syngenta-licensee (collectively, “Seed Product”). Any proposed changes to this Supplemental Agreement other than in Section A are hereby rejected by Syngenta and shall have no effect unless approved in writing by Syngenta.

TERM AND TERMINATION. This Supplemental Agreement, once signed by Grower and accepted by Syngenta, will remain in effect until either terminated by Grower or Syngenta, or will be terminated automatically upon the termination of your Stewardship Agreement. This Supplemental Agreement may be terminated by either party at any time for any reason by sending written notice of termination to the other party at the address for such party specified herein. In the case of termination of this Supplemental Agreement by Grower, such notice of termination must include Grower’s full name and address. If Grower violates any terms of this Supplemental Agreement and/or Grower’s Stewardship Agreement, in addition to other remedies available to Syngenta and any owner of the Patents (as defined in the Stewardship Agreement), Grower may forfeit any right to obtain a license to the Licensed Technology in the future. If this Supplemental Agreement is terminated then Grower will no longer have a right to purchase or use Seed Product, but, Grower’s obligations (including but not limited to the Grower Responsibilities as set forth in the Stewardship Agreement) and Syngenta’s rights that arose under the Stewardship Agreement and this Supplemental Agreement prior to termination shall remain in effect.

ACKNOWLEDGEMENT; LIMITATION OF WARRANTIES AND REMEDIES. Grower acknowledges and understands that Grower has been informed that under certain stress conditions, Remedy sweet corn may exhibit tassels and or glumes (male parts) growing out of the ear (female part) (the “Notice”). By its signature on this Supplemental Agreement, Grower acknowledges and agrees:

- Grower has been duly informed of the Notice;
- Grower accepts the Seed Product “as is”, “where is” and with all faults and to assume all risks associated with use of the Seed Product and any actual or perceived impact on any crop yield or quality, and Grower will indemnify and hold harmless Syngenta and Syngenta authorized Distributors, and their respective directors, officers, employees and affiliates from any claims related, directly or indirectly, to the performance or non-performance of the Seed Product and its impact on any crop yield or quality; and
- Grower waives any and all claims and releases Syngenta and Syngenta authorized Distributors, and their respective directors, officers, employees and affiliates, from any and all liabilities relating, directly or indirectly, to the Notice and the use of the Seed Product.

GENERAL PROVISIONS.

- This Supplemental Agreement and the parties’ relationship shall be governed by the laws of the State of Minnesota and the United States (other than the choice of laws rules).
- Grower’s rights may not be transferred to any other person or entity without the prior written consent of Syngenta.



WATERMELON FRUIT BLOTCH AGREEMENT

Expires August 31, 2022

Watermelon Fruit Blotch Disease: Watermelon Fruit Blotch (WFB), *Acidovorax avenae* subsp. *citrilli*, is a serious disease that has become a significant risk in the area of watermelon cultivation. The pathogen causing WFB can be introduced into a field by infested seed, infected transplants, volunteer watermelon, mechanical means, or natural spread from alternate hosts. Due to the possibility of watermelon fruit blotch disease, Buyer must sign and return this written agreement form prior to any watermelon seed shipments. Gowan Seed Company is not liable for any damages due to watermelon fruit blotch disease. In no event shall Gowan Seed Company be liable for consequential damages.

Allocation of Risks and Exclusive Express Warranty: Failure of seed to germinate and/or reduction of yield may occur as a result of multiple environmental and agronomic factors. Seeds at times carry seed borne diseases that may not be apparent to the Seller, Purchaser or User. Gowan Seed Company makes no representation that its seeds are free of seed borne diseases whether previously known to exist or not identified until this seed is grown. All risks of nonperformance, reduced performance and/or crop damage due to these factors shall be assumed by the Purchaser and User. This allocation of risks is reflected in the price of the seed.

Disclaimer of Warranty, Exclusive Remedy and Limitation of Liability: Gowan Seed Company disclaims all implied warranties including any implied warranty of merchantability and any implied warranty of fitness for a particular purpose. Purchaser's and user's exclusive remedy and Gowan Seed Company's sole liability for loss or damage arising from purchase or use of Gowan Seed Company's seeds shall be an amount equal to the price paid for the seeds used, if any. Purchaser or User may not recover any amount for incidental or consequential damages, including loss of profit or yield and amounts expended in using such seeds. This Limitation of Warranty and Liability shall be applicable to any claim presented to Gowan Seed Company whether the legal theory forming the basis of such claim involves contract, tort, negligence, strict liability or otherwise. Purchaser and User agree that if Gowan Seed Company refunds an amount equal to the price Purchaser or User paid for Gowan Seed Company's seeds, this Limitation of Warranty and Liability will not have failed of its essential purpose.

Repackaging of Seeds: Should Purchaser or User allow or cause Gowan Seed Company seeds to be removed from Gowan Seed Company's brand packaging and be repacked into any other container(s) for enhancement, treatment, resale, or any purpose, Gowan Seed Company disclaims all warranties and denies all liability for accuracy of labeling descriptions, seed quantity and for seed quality.

I have read and understand the terms and conditions of this watermelon fruit blotch agreement and accept them.

ELECTRONIC SIGNATURE – Mark an X here _____ to electronically sign this agreement form.

PURCHASER SIGNATURE _____ DATE _____

PRINT COMPANY NAME _____

PRINT CONTACT NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

PHONE _____ EMAIL _____

Please return at your earliest convenience to:

Email: lwishall@gowanseed.com

Fax: 928-373-1828

Mail: Gowan Seed Company
3362 Big Pine Trl Ste C
Champaign, IL 61822

Limitation of Warranty and Liability

NOTICE: Be sure to read the Gowan Seed Company's Limitation of Warranty and Liability before buying or using Gowan Seed Company's seeds.

By opening the container or using the seed you are acknowledging that the Limitation of Warranty and Liability is part of the terms of transfer and constitutes an enforceable agreement between the parties. If you do not agree to be bound by the terms of the entire Gowan Limitation of Warranty and Liability, return any unopened containers of Gowan Seed Company seeds within ten (10) days of purchase or transfer, to Gowan Seed Company or to a Gowan Seed Company authorized distributor and Gowan Seed Company will refund the purchase price, if any.

Allocation of Risks and Exclusive Express Warranty

Failure of seed to germinate and/or reduction of yield may occur as a result of multiple environmental and agronomic factors. Seeds at times carry seed borne diseases that may not be apparent to the Seller, Purchaser or User. Gowan Seed Company makes no representation that its seeds are free of seed borne diseases whether previously known to exist or not identified until this seed is grown. All risks of nonperformance, reduced performance and/or crop damage due to these factors shall be assumed by the Purchaser and User. This allocation of risks is reflected in the price of the seed. Product representations, including photographs, on Gowan Seed Company labels, packaging, advertising and technical publications, and web sites represent kind only. A variety may differ from the representation in color, shape and size. GOWAN SEED COMPANY, STATES, AS ITS SOLE AND EXCLUSIVE WARRANTY THAT WHEN SHIPPED FROM A GOWAN SEED COMPANY FACILITY, GOWAN SEED COMPANY'S SEEDS CONFORMED TO LABEL DESCRIPTIONS THAT ARE REQUIRED BY STATE AND FEDERAL LAW.

Disclaimer of Warranty, Exclusive Remedy and Limitation of Liability

Gowan Seed Company disclaims all implied warranties including any implied warranty of merchantability and any implied warranty of fitness for a particular purpose. PURCHASER'S AND USER'S EXCLUSIVE REMEDY AND Gowan Seed Company's SOLE LIABILITY FOR LOSS OR DAMAGE ARISING FROM PURCHASE OR USE OF GOWAN SEED COMPANY'S SEEDS SHALL BE AN AMOUNT EQUAL TO THE PRICE PAID FOR THE SEEDS USED, IF ANY. Purchaser or User may not recover any amount for incidental or consequential damages, including loss of profit or yield and amounts expended in using such seeds. This Limitation of Warranty and Liability shall be applicable to any claim presented to Gowan Seed Company whether the legal theory forming the basis of such claim involves contract, tort, negligence, strict liability or otherwise. Purchaser and User agree that if GOWAN SEED COMPANY refunds an amount equal to the price Purchaser or User paid for GOWAN SEED COMPANY'S seeds, this Limitation of Warranty and Liability will not have failed of its essential purpose.

Prompt Notice of Claim

Gowan Seed Company must have prompt notice of any claim arising from the use of Gowan Seed Company's seeds so that an immediate inspection of the alleged affected seed and/or crop can be made. Purchaser or User shall notify Gowan Seed Company immediately, but in no case later than thirty (30) days after any defect or other basis of such claim is discovered or should have been discovered. Any claims made for which Gowan Seed Company did not receive notice within thirty (30) days shall be barred.

Statute of Limitation

Any action against Gowan Seed Company for breach of contract and any claim for breach of warranties must be commenced within one (1) year after the cause of action accrues. After such time all actions shall be barred.

Severability

If any portion herein is found to be unenforceable by a court of competent jurisdiction, all remaining portions herein remain in effect and fully enforceable.

Seed Enhancements or Treatments

Should Purchaser or User allow Gowan Seed Company's seeds to be enhanced, treated or otherwise conditioned by anyone other than Gowan Seed Company, Gowan Seed Company DISCLAIMS ALL WARRANTIES regarding the effect of any such processes on Gowan Seed Company's seeds.

Repackaging of Seeds

Should Purchaser or User allow or cause Gowan Seed Company seeds to be removed from Gowan Seed Company's brand packaging and be repacked into any other container(s) for enhancement, treatment, resale, or any purpose, GOWAN SEED COMPANY DISCLAIMS ALL WARRANTIES AND DENIES ALL LIABILITY FOR ACCURACY OF LABELING DESCRIPTIONS, SEED QUANTITY AND FOR SEED QUALITY.

Technical Advice

Any technical advice by Gowan Seed Company concerning the use of its seeds is given without charge. Therefore, Gowan Seed Company disclaims any warranty and disclaims all liability for such advice.

Controlling Law

This Limitation of Warranty and Liability shall be governed by and construed in accordance with the laws of the State of California.

Thank you for your business!



NOTICE, AGREEMENT AND TERMS AND CONDITIONS OF SALE OR TRANSFER
OF DIPLOID AND TRIPLOID WATERMELON SEED

This agreement is by and between the Seller and Buyer listed below.

Sakata Seed America
18095 Serene Drive
Morgan Hill, CA 95037
USA
(hereinafter called Seller)

and

(hereinafter called Buyer)

SAKATA SEED AMERICA, INC. ("Seller") warrants that the seed it distributes has been labeled as required under State and Federal law, and that it conforms to the label description. Seller makes no other warranties, express or implied, oral or written, including any implied warranties of merchantability or fitness for a particular purpose with respect to this sale of seeds. Watermelon seeds are sold **AS IS AND WITH ALL FAULTS**. Buyer assumes all risk as to quality and performance of watermelon seeds, including the risk that such seeds may carry **BACTERIAL FRUIT BLOTCH OF WATERMELON**. Buyer further assumes all risk for any defect or damage that use of the watermelon seeds may cause.

The undersigned, a duly authorized representative of Buyer, hereby waives all claims against Seller based upon **BACTERIAL FRUIT BLOTCH OF WATERMELON**, including claims based on strict liability, negligence, breach of contract or breach of warranty.

BUYER'S SOLE AND EXCLUSIVE REMEDY FOR ANY CLAIM WITH RESPECT TO THE SALE OF SEEDS IS LIMITED IN ALL EVENTS TO A REFUND OF THE PURCHASE PRICE OF THE SEEDS. Buyer shall not be entitled to any incidental or consequential damages, including planting or replanting costs, lost profits, or any other expenses, losses or damages. Notice of any claim must be received by registered mail within thirty (30) days after the defect in the seed becomes apparent.

Buyer warrants and represents that he is a person who deals in watermelon seeds and by occupation has the knowledge and skill specific to the watermelon seeds involved in this transaction. Buyer further warrants and represents that the purchase of seeds in this transaction is made with full knowledge of the risks regarding watermelon seeds, including the risk that such seeds may carry BACTERIAL FRUIT BLOTCH OF WATERMELON. **Buyer hereby assumes all risk regarding such seeds, and expressly waives any damage claim with respect to BACTERIAL FRUIT BLOTCH OF WATERMELON.**

The undersigned jointly and severally agree to defend, indemnify and hold harmless Seller, its employees, agents and dealers from and against any and all claims, demands, suits, actions, liability, damages and expenses, including, but not limited to, attorneys' fees and court costs, which Seller may suffer or to which Seller may be subject, arising in any way from the distribution by any of the undersigned of the subject seed and relating in any way to BACTERIAL FRUIT BLOTCH OF WATERMELON.

(continued)

Initial: _____



NOTICE, AGREEMENT AND TERMS AND CONDITIONS OF SALE OR TRANSFER
OF DIPLOID AND TRIPLOID WATERMELON SEED

ADDITIONAL NOTICE: Triploid hybrid watermelons are sterile hybrids which characteristically produce fruits with few or no true seeds. Because the absence, or relative absence, of hard or true seeds in the flesh of the melon is its chief distinguishing characteristic, the triploid hybrid watermelon is often referred to as a “seedless” watermelon. Despite this popular perception, triploid hybrid watermelons are not true “seedless” watermelons. The first melons to ripen in a field of triploid hybrid watermelons often contain small, undeveloped seeds. In addition, certain genetic, cultural and climatic factors are known to cause the formation of empty seed coats (small, white, undeveloped seeds), also called “pips”, and/or hard seeds in the flesh of the melons. Due to the wide variety of possible causes of hard seed formation, **TRIPLOID HYBRID WATERMELONS ARE NOT GUARANTEED TO PRODUCE SEEDLESS FRUIT.**

Triploid hybrid watermelon production requires a high level of grower sophistication. Triploid hybrid watermelons require a pollen source and bees to serve as pollen vectors. Triploid hybrids also require special care for satisfactory germination. Growers are encouraged to contact University extension personnel for government publications and information concerning recommended cultural practices. Seller can also supply certain of this information on request. We suggest growers develop expertise in growing triploid hybrid watermelons prior to instituting large-scale commercial production.

SPECIAL LIMITATION OF WARRANTY: ALL TRIPLOID HYBRID WATERMELON SEEDS ARE SOLD PURSUANT TO SELLER’S STANDARD TERMS AND CONDITIONS OF SALE. DESCRIPTIONS AND ILLUSTRATIONS OF TRIPLOID HYBRID WATERMELONS APPEARING ON SELLER’S WEBSITE AND PRODUCT LITERATURE REPRESENT TRIPLOID HYBRID WATERMELONS AS GROWN UNDER FAVORABLE GROWING CONDITIONS IN FAVORABLE GROWING AREAS. APPEARANCE AND PERFORMANCE MAY VARY IN OTHER GEOGRAPHICAL LOCATIONS AND UNDER DIFFERENT GROWING CONDITIONS. SELLER EXPRESSLY EXCLUDES ANY WARRANTY OF CONFORMITY TO DESCRIPTION, ILLUSTRATION OR SAMPLE AND EXTENDS NO WARRANTY THAT THE TRIPLOID HYBRID WATERMELON SEED SOLD WILL PRODUCE “SEEDLESS” FRUIT. ALL IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY EXCLUDED.

I’ve read the foregoing terms and conditions of sale or transfer, and agree to be bound by it.

Buyer representative (PRINT)

Buyer representative SIGNATURE

DATE

Please return at your earliest convenience to:

Email: lwishall@gowanseed.com

Fax: 928-373-1828

Mail: Gowan Seed Company
3362 Big Pine Trl Ste C
Champaign, IL 61822



GOWAN SEED COMPANY, LLC COMMERCIAL CREDIT APPLICATION

CONTACT INFORMATION	
CONTACT NAME	TITLE
EMAIL	PHONE

BUSINESS INFORMATION AS REGISTERED		
COMPANY NAME (DBA)		
PO BOX	PHONE	FAX
PHYSICAL ADDRESS		
CITY	STATE	ZIP CODE
LENGTH OF TIME AT CURRENT ADDRESS: _____ YEARS _____ MONTHS		
YEAR OF ESTABLISHMENT _____ TAX ID _____		
TYPE OF BUSINESS : SOLE PROPRIETORSHIP PARTNERSHIP LLC CORPORATION OTHER		

TRADE REFERENCES
ANY INFORMATION PROVIDED WILL BE USED SOLELY BY GOWAN SEED, LLC, AND WILL BE HELD IN THE STRICTEST CONFIDENTIALITY

1 COMPANY	CONTACT NAME	
PHONE	EMAIL	
FAX	TITLE	
ADDRESS	PO BOX	
CITY	STATE	ZIP CODE
CREDIT LIMIT	PAYMENT TERMS	PAST DUES
COMMENTS		

2 COMPANY	CONTACT NAME	
PHONE	EMAIL	
FAX	TITLE	
ADDRESS	PO BOX	
CITY	STATE	ZIP CODE
CREDIT LIMIT	PAYMENT TERMS	PAST DUES
COMMENTS		

3 COMPANY	CONTACT NAME	
PHONE	EMAIL	
FAX	TITLE	
ADDRESS	PO BOX	
CITY	STATE	ZIP CODE
CREDIT LIMIT	PAYMENT TERMS	PAST DUES
COMMENTS		

ACKNOWLEDGEMENT

I, _____, authorized representative of _____,
attest that the information provided is true and accurate to the best of my knowledge. By signing below I
authorize Gowan Seed Company, LLC to check public records and contact the trade references provided to
determine the above mentioned company's credit worthiness.

Signature _____ Date _____



GOWAN SEED COMPANY, LLC COMMERCIAL CREDIT APPLICATION

TERMS AND CONDITIONS

Payment Terms

All accounts are due and payable in full within (_____) terms of each invoice date. All past due principal is subject to an annual finance charge of fifteen percent (15%) or one and one-quarter percent (1.25%) per month. Customers who do not pay within the expressed terms and conditions contained herein agree to reimburse Gowan Seed Company for all collection costs incurred by Gowan Seed Company including, but not limited to, attorney's fees, expenses and court costs.

I authorize Gowan Seed to contact the financial and trade references listed on the Credit Application to obtain, verify, and re-verify credit information.

This Agreement shall be governed by the laws of the State of California. The parties agree that all disputes or actions arising under this Agreement shall be commenced, prosecuted and concluded in the Superior Court of the State of California in and for the County of Monterey and not elsewhere. Each party specifically waives any objections to venue in Monterey County.

Applicant agrees that Gowan Seed Company may in its sole discretion, and for any reason, cease providing goods and/or services to the Applicant at any time without notice to the Applicant. Applicant agrees Gowan Seed Company shall not be liable to the Applicant for any damages incurred by Applicant as a result of the cessation of goods or services to Applicant. Upon termination of this Agreement by either party, all principal and interest shall be immediately due and payable and interest on said sum shall accrue at the rate of 15% per annum or 1.25% per month until paid in full.

If the Applicant is a corporation, limited liability company, or partnership, the undersigned represents that he or she has the authority to bind the corporation, limited liability company, or partnership to the terms and conditions set forth herein.

_____ By placing his or her initials in the space provided, the undersigned acknowledges that additional terms and conditions may be contained in the document(s) attached hereto, and bearing the signature of the undersigned.

Applicant has read the provisions set forth and fully understands them. The parties to this agreement have freely allocated the risk between them.

PRINCIPAL OR OFFICER'S SIGNATURE _____

Please print name of signature above _____

**PLEASE RETURN COMPLETED CREDIT APPLICATION TO YOUR SALESMEN OR
CUSTOMER SERVICE AT Iwishall@gowanseed.com.**

FOR GOWAN SEED OFFICE USE ONLY

NOTES & COMMENTS	
CUSTOMER NUMBER	CATEGORY 1
CREDIT LIMIT REQUESTING	CATEGORY 2
CREDIT LIMIT APPROVED	SALESMAN NAME
PAYMENT TERMS	SALES COORDINATOR

CREDIT REMARKS : _____

MANAGER APPROVAL SIGNATURE: _____



ACKNOWLEDGEMENT OF RECEIVING TERMS AND CONDITIONS SIGNED AND INITIALED

(PLEASE CHECK IF SIGNED AND INITIALED BY CUSTOMER)



Gowan Seed Company
3362 Big Pine Trl Ste C
Champaign, IL 61822
217-375-7301

ORDER FORM

Fax: 928-373-1828 Email: lwishall@gowanseed.com

Order Date _____ Requested Ship Date _____

Farm Name _____

Contact Name _____

Address _____

City _____

State _____ Zip _____

Email _____

Phone _____ Fax _____

Ship To Name _____

Address _____

City _____

State _____ Zip _____

METHOD OF PAYMENT (check one)

☐ Check/Money Order # _____

☐ Credit Card ☐ Terms on Account

Credit Card # _____ Exp. Date _____ Sec. Code _____

Customer Signature _____ Date _____

Your credit card will be charged at the time of shipment for only the items we are shipping.
If billing address is different than above, please advise.

Item #	Crop / Variety	Total Quantity	Unit Price	Extended Price

Waiver forms are required for all watermelon purchases of 2.5M or more prior to shipping

ILLINOIS RESIDENTS ONLY (check one)
____ Supply tax exemption certificate with order
____ Add 6.25% sales tax to your order
____ Supply IBT# _____ and sign below.
Seed purchased from Gowan Seed Company is for Agricultural use and is exempt from sales tax.
Signature _____
Date _____

Total (above)	
Total (back page)	
Subtotal	
Add \$15.00 handling fee if order is less than \$250.00	
Illinois residents add 6.25% (if applicable)	
Total	

I HAVE READ THE LIMITATION OF WARRANTY AND REMEDY ON PAGE 114 AND ACCEPT THEM

Signature _____ Date _____

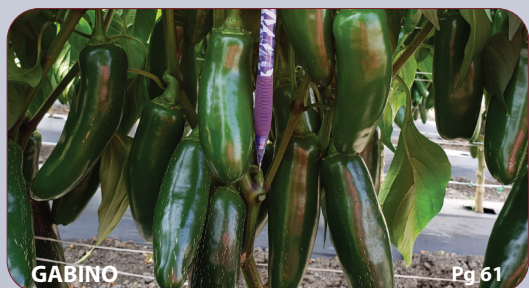
GOWAN ORDER FORM - PAGE 2[illegible]

PLANTING GUIDELINES

These figures are approximate and may vary due to seed size and growing conditions.

M=1,000 Seeds		Seeding Rate		Planting Distance		Seed Planting	
Crop	Average Seeds per Pound	Direct Seed per Acre M / LB	Transplant per Acre M / Acre	In Row (inches)	Between Rows (inches)	Planting Depth (inches)	Days to Germination
Bean, Bush	1,500-1,700	80 M / 50 LB		2	30-36	1	6-10
Beet	35,000	700 M / 20 LB		2	18-24	.5-1	6-10
Broccoli	100,000	50 M / .5 LB	15-25 M	12-18	30-36	.25-.5	5-10
Brussels Sprouts	100,000	25 M/.25 LB	7-10 M	24	36	.5-1	6-10
Cabbage	100,000	20-50 M/.25-.5 LB	12-18 M	12	36	.25-.5	6-10
Carrot	300,000	700 M / 2 LB		.5	15-20	.5	8-12
Cauliflower	100,000	25 M/ .25 Lb	12 M	18-24	30-36	.5	6-10
Celery	1,000,000+		25-50 M	8	12-16	.25-.5	14-20
Collards	100,000	150 M / 1.5 LB	75 M	18	30-36	.5	6-10
Corn, Ornamental	1,600	15-25 M / 10-12 LB		8-12	36	1	7-10
Corn, Sweet	3,000	20-25 M / 7-12 LB		8-12	36	1.5-2	7-10
Cucumber - Slicer	15,000	5-12 M / .5-1.5 LB	5-12 M	6-18	48-72	.5-1	7-10
Cucumber - Pickle	15,000	15-25 M / 1-2 LB	10-20 M	6-12	36-60	.5-1	7-10
Eggplant	100,000	15 M / .15-.25 LB	5-8 M	18-24	48-60	.5	10-14
Endive / Escarole - raw	300,000	50-90 M / .25 LB	45 M	8-12	18-24	.25-.5	10-14
Herb, Basil	275,000	.25-1 LB		2-8	12-18	.25	5-10
Herb, Dill	250,000	.5-1 LB		2-4	18-24	.25-.5	7-10
Kale	135,000	25-50 M / .5-1 LB	10-35 M	12-18	18-36	.5	7-10
Kohlrabi	100,000	50-100 M / 1-2 LB	35-60 M	12	18	.5	6-10
Leek	125,000	150-200 M / 2.5-3 LB	125-180 M	4	16-20	.5-1	10-14
Lettuce - Head	400,000	125 M / .75-1 LB	80 M	8-12	12-15	.25	5-8
Lettuce - Leaf	425,000	120 M / .75-1 LB	80 M	8-12	12-15	.25	5-8
Mustard	220,000	100 M / .25-.50 LB	35-70 M	8	12	.3	5-8
Okra	8,000	50 M / 5-7 LB	6-10 M	12-24	42-54	.5-1	7-14
Onion, Bunch	200,000	1500 M / 7-10 LB	260-1100 M	.5-1.5	12-16	1	10-14
Onion, Bulb	100	250-300 M / 2-3 Lb	225	1.2	12-15	1	10-14
Parsnip	90,000	250 M / 3 LB		1	34	1-2	15-25
Peas	2,200	160-220 M / 80-100 LB		1-2	36-42	1-2	6-10
Peppers	60,000		10-12 M	12-18	60-72	.5-1	10-14
Pumpkin	3,000	2-4 M / .5-1.2 LB		24-36	48-96	1-1.5	7-10
Radicchio	300,000	20 M	10 M	10	12-15	.25	7-14
Radish	50,000	500-750 M / 12-15 LB		1	10	.5	5-8
Rutabaga	160,000	80-150 M / .5-1 LB		6-8	24-30	.5	5-10
Spinach	50,000	150-500 M / 3-10 LB		1-3	12-18	.5-1	7-10
Squash, Summer	5,000	6-10 M / 1.5-2 LB		18-24	36-60	1-1.5	7-10
Squash, Winter	3,000	6-9 M / 2-3 LB		18-24	72-96	1-1.5	7-10
Swiss Chard, Bunch	25,000	100 M / 2-4 LB		4	18-24	1	7-10
Tomato	155,000		6-7 M	18	48-60	.25-.5	7-10
Turnip	175,000	260 M / 1.5 LB		2-3	12-18	.25-.5	6-10
Watermelon, Large	8,000	2-3 M / .25-.5 LB	1.5-2.5 M	36	72	1	8-12
Watermelon, Small	12,000	5-6 M / .5-.75 LB	4-5 M	24	72	1	8-12

GOWAN EXCLUSIVES!



Thank you for your business!