

# 2019fieldcollection

# **QUALITY that Stems from PASSION**

You have trusted Ball Seed® to deliver top-quality flower seed for many years, and we want to deliver that same quality and service to the farm stand and vegetable market farmer. The Ball Field Collection includes a carefully selected assortment of our most popular vegetable and field cut flower varieties, delivered to you on time and on spec from the best supply chain in the industry – so you can buy and grow with confidence.

As Seed Business Manager, I make it a top priority to find solutions for our customers' needs every day. My approach within the industry is deeply rooted in my upbringing.

In fact, I started my very first vegetable garden when I was just 12 years old. I'd order my seed through Burpee® Seed Catalog, and would be so excited when my seeds would arrive – that meant Spring was just around the corner. I have been able to utilize my passions within my role at Ball Seed while working with dozens of breeders and producers of vegetables and field cut flowers across the globe, to help customers

In these pages, you'll find proven performers that have been specially chosen for growers like you that are serving farmers markets and farm stand customers. From a recognizable favorite such as Early Girl Tomato and exciting new breeding in our NEW Butterbaby Squash, to our award-winning NEW Queeny Lime Orange Zinnia cut flower, you'll find exactly what you're looking for in this catalog.

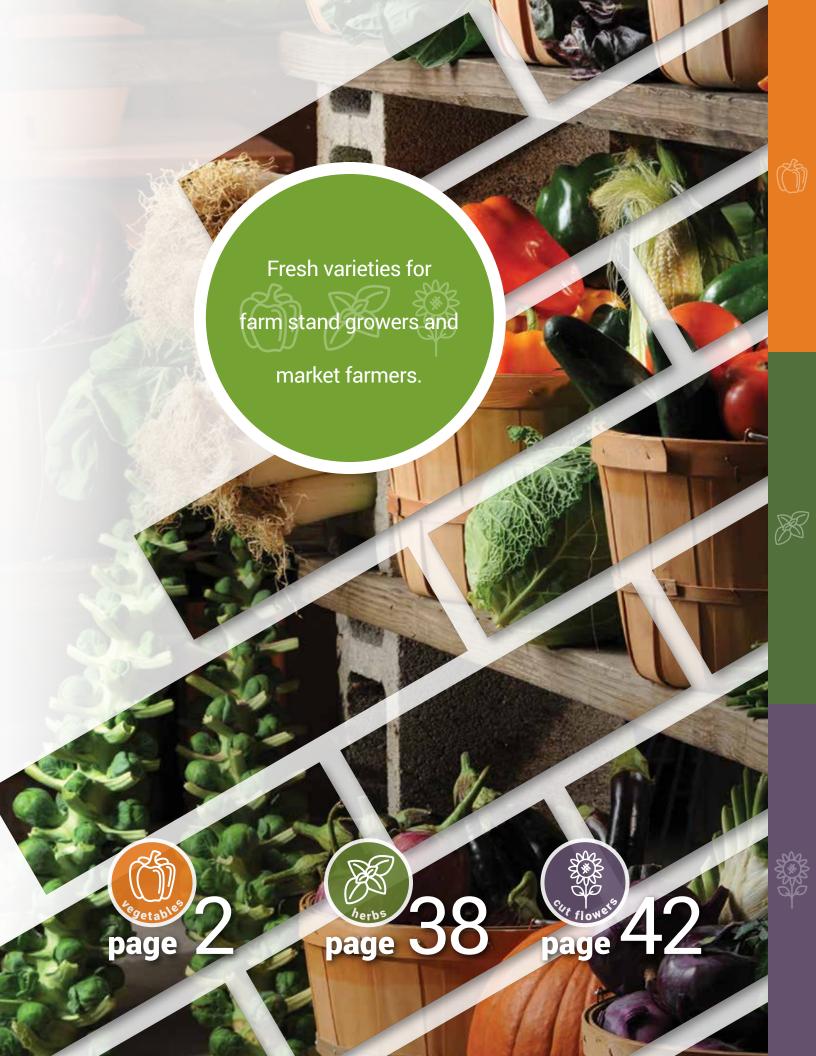
exceed their growing potential.

Ball Seed is your one-stop-shop for trialed and proven new products and top-quality seed, as well as reliable technical support, advanced technology and our 24/7 WebTrack® online ordering, plus so much more. Our focus is to make sure you have everything you need to help your business grow.

Jayson Force

Seed Business Manager





# vegetables

Big flavor, from garden to table

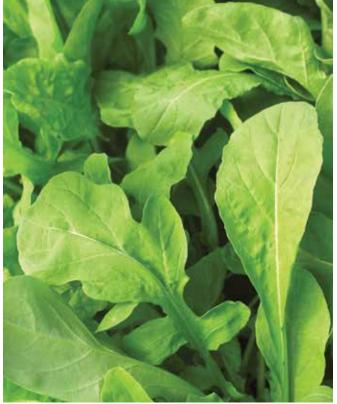
ARUGULA	PAK CHOI
Astro3	White
BEAN	PEA
Inspiration3	Oregon Sugar Pod
Navarro3	Sugar Snap
BEET	PEPPERS
Chioggia Guardsmark3	Anaheim
BROCCOLI	Desperado F1
Arcadia F14	Ancho/Poblano Carranza F1
Destiny F14	Trident F1
Emerald Jewel F14	Cayenne
BRUSSELS SPROUTS	Arapaho F1
Franklin F14	Cubanelle
	Biscayne F1
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Fast Vantage F15	Jalapeño
Platinum Dynasty F15	La Bomba II F1
Primo Vantage Fi5	Spicy Slice F1
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Harlequin Mix5	Sureño Fi Specialty Hot
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Gateway F <sub>1</sub> 7	Orange Blaze F1
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Classic F1       8         Fairy Tale F1       8         Hansel F1       8         Shikou F1       8         FENNEL       0         Orion F1       9         KALE       Dinosaur (Lacinato Kale)       9         Redbor F1       9	Touchdown F1  PUMPKIN  Autumn Gold F1  Baby Bear  Casper  Cracker Jack F1  Hijinks  Magic Lantern F1  RADISH
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Classic F1	Touchdown F1  PUMPKIN  Autumn Gold F1  Baby Bear  Casper  Cracker Jack F1  Hijinks  Magic Lantern F1  RADISH  Easter Egg II Mix  SPINACH  Green Beret F1  Seaside F1  SQUASH  Summer  Bocce F1  Butta F1  EasyPick F1 Series  Endeavor F1  Noche F1  Sunny Delight F1  Winter  Butterbaby  Primavera F1  Taybelle  Taybelle  Tivoli F1

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# **PLANTING CHART**

		Distance	Between	
Vegetable	Planting Depth	Rows	Plants	Days to Germ
Arugula	.12525 in.	18-24 in.	2-4 in.	5-7
Beans - Bush	1-1.5 in.	24-36 in.	3-4 in.	3-7
Beets	.5 in.	12-18 in.	3-4 in.	7-14
Broccoli	.5 in.	24-36 in.	14-24 in.	4-10
Brussels Sprouts	.5 in.	24-36 in.	14-24 in.	4-10
Cabbage	.5 in.	24-36 in.	14-24 in.	4-10
Carrots	.255 in.	16-24 in.	1-2 in.	7-21
Cauliflower	.5 in.	24-36 in.	14-24 in.	4-10
Collards	.5 in.	24-36 in.	14-24 in.	6-10
Corn	.75-1 in.	30-36 in.	6-8 in.	7-14
Cucumber	.5 in.	48-72 in.	24-48 in.	6-10
Eggplant	.5 in.	24-36 in.	18-24 in.	8-14
Fennel	.255 in.	16-18 in.	6-8 in.	6-12
Kale	.5 in.	18-36 in.	8-16 in.	6-10
Kohlrabi	.255 in.	12-18 in.	4-6 in.	5-10
Lettuce	.5 in.	10-12 in. 8-10 in.		6-10
Melon	1 in.	60-96 in.	24-36 in.	6-12
Mustard	.255 in.	18-24 in.	2-4 in.	5-10
Onion	.5 in.	14-24 in.	2-3 in.	6-12
Pak Choi	.255 in.	24-36 in.	10-12 in.	7-14
Peas	.5-1 in.	12-18 in.	3-4 in.	7-14
Pepper	.5 in.	24-36 in.	18-24 in.	10-21
Pumpkin	1-2 in.	60-96 in.	36-48 in.	6-10
Radish	.5-1 in.	12-16 in.	2-3 in.	4-8
Squash - Summer			18-36 in.	6-10
Squash - Winter	.5-1 in.	60-96 in.	24-48 in.	7-14
Swiss Chard	1 in.	18-30 in.	6-8 in.	7-14
Tomatilla		36-48 in.	24-36 in.	7-14
Tomato	.5 in.	24-48 in.	18-36 in.	6-14



Astro Arugula



Inspiration Bean



Navarro Bean

#### **ARUGULA**

#### **Astro**

Form (Count): Available as Plugs, Raw Seed (12,500/oz.)

#### Days from Direct Sow: 40

Produces medium-green leaves with a cut-leaf shape. Mild, spicy, nutty flavor, which gets stronger in warmer weather, performs as cut and come again. Cold and heat-tolerant variety can be utilized year-round for clipping and bunching.

#### **BEAN**

#### Inspiration

Form (Count): Available as Raw Seed (114/oz.)

#### Days from Direct Sow: 56

Bush bean with proven performance under heat stress. Produces an abundance of 5-6-in. (13-15-cm) dark green, tender, stringless pods, with a crisp texture and sweet flavor. Resistant to Bean Mosaic Virus and Bean True Moasaic Virus.

#### Navarro

Form (Count): Available as Raw Seed (85/oz.)

#### Days from Direct Sow: 54

Bush Romano bean offers an improved upright plant type and lower fiber content in its 5-5.5-in. (13-14-cm) light green pods. Set high in the plant, pods are kept off the ground, allowing easier hand and machine harvest. Beans offer a sweet, rich, Romano flavor.

#### **BEET**

#### Chioggia Guardsmark

Form (Count): Available as Plugs, Raw Seed (2,600/oz.)

#### Days from Direct Sow: 60

Unique candy striped root interiors plus increased uniformity and bolt tolerance make this new and improved strain of a popular Italian heirloom ideal for specialty markets.

Wonderful flavor, but loses

quality if grown too big.

Seeds per ounce are approximate and can vary by lot.



Chioggia Guardsmark Beet







**Destiny Broccoli** 



Arcadia Broccoli



Lieutenant Broccoli



Franklin Brussels Sprouts

#### **BROCCOLI**

#### Arcadia F1

Form (Count): Available as Plugs, Raw Seed (5,700/oz.)

#### Days from Transplant: 95

Large, medium green, domed heads; small to medium bead size and medium stem. Good tolerance to Hollow Core and Downy Mildew. Widely adapted; holds well.

#### Destiny F<sub>1</sub>

Form (Count): Available as Plugs, Raw Seed (5,600/oz.)

#### Days from Transplant: 89

Mid-early, compact, green, heattolerant variety. Medium-small beads, smooth dome and round shape. Good for Fall harvest in the Desert Southwest.

#### Emerald Jewel F1

**Form (Count):** Available as Raw Seed (7,200/oz.)

#### Days from Transplant: 100

Small-beaded, smooth-headed, clean-stemmed, green variety. Best for late Spring, early Summer and late Fall harvest. Resists some races of Clubroot.

#### Lieutenant F1

Form (Count): Available as Plugs, Raw Seed (6,100/oz.)

#### Days from Transplant: 80

Impressive performer in Summer heat when well-watered. Medium-high, dark green domes are very smooth, with fine beads and mid-sized stems with minimal hollow stem. Upright plants have minimal side shoots. Very uniform maturity.

#### **BRUSSELS SPROUTS**

#### Franklin F<sub>1</sub>

Form (Count): Available as Plugs, Raw Seed (7,000/oz.)

#### Days from Transplant: 80

Early-maturing, high-quality variety produces 1-in. (2.5-cm), round-oval, uniform and firm sprouts. Tall plants have less woody stalks than others, so whole stem harvest is possible. Tasty when steamed or enjoyed raw.







Red Jewel Cabbage



Harlequin Mix Carrot

#### **CABBAGE**

#### Big Flat Head (Gunma) F1

Form (Count): Available as Plugs, Raw Seed (5,500/oz.)

#### Days from Transplant: 85

Flat, green, 5-7-lb. (2.3-3.2-kg) specialty cabbage produces sweet, tender heads with a very short core and less dense interior for easy slicing and shredding.

#### Fast Vantage F<sub>1</sub>

Form (Count): Available as Plugs, Raw Seed (6,900/oz.)

#### Days from Transplant: 59

Early-season, 2-5-lb. (0.9-2.3-kg), very uniform, medium green cabbage. Matures up to 6 weeks earlier than other varieties.

#### Platinum Dynasty F<sub>1</sub>

Form (Count): Available as Plugs, Raw Seed (6,200/oz.)

#### Days from Transplant: 70

Main-season, 1.8-2.2-lb. (0.8-1-kg), blue-green cabbage bears large, round to semi-round heads. Resistant to Fusarium Yellows and Black Rot; good Tipburn tolerance.

# **NEW Primo Vantage F**<sub>1</sub>

Form (Count): Available as Plugs, Raw Seed (5,600/oz.)

#### **Days from Transplant:** 75

Excellent uniformity, holding ability and a short core. Mid-early maturity with sweet flavor. Juicy, tender, dark green, 4-4.5-lb. (1.8-2-kg) variety. Has performed well in the East, West and Desert Southwest. Resistance to Fusarium Yellows Race 1.

#### Red Jewel F1

Form (Count): Available as Plugs, Raw Seed (6,600/oz.)

#### Days from Transplant: 80

High-yielding, 3-5-lb. (1.4 -2.3-kg) variety matures early and uniformly. Round, deep red heads have a short core.

#### **CARROT**

#### Harlequin Mix

Form (Count): Available as Raw Seed

(23,000/oz.)

#### $\textbf{Days from Direct Sow:}\ 70 \\$



Primo Vantage Cabbage





**Cheddar Cauliflower** 



Steady Cauliflower



**Top Bunch Collards** 

#### **CAULIFLOWER**

#### Cheddar F<sub>1</sub>

Form (Count): Available as Plugs, Raw Seed (5,500/oz.)

#### Days from Transplant: 68

25% more beta-carotene than standard white types - excellent source of Vitamin A. This yellow-orange variety weighs 2 lb. (1 kg); offers firm, uniform, dome-shaped heads.

#### Steady F1

Form (Count): Available as Plugs, Raw Seed (6,500/oz.)

Days from Transplant: 70

Early, vigorous plants weighing 1-1.5 lb. (0.5-0.7 kg) have excellent internal wrap. Produces dense, white, domeshaped heads with excellent flavor. Good variety for early Summer with consistent performance in many environments.

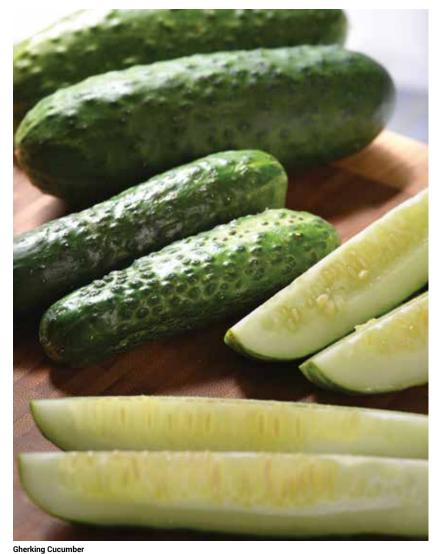
#### **COLLARDS**

#### **NEW Top Bunch F**<sub>1</sub>

Form (Count): Available as Raw Seed (3,500/oz.)

#### Days from Transplant: 50

An early-maturing hybrid, Top Bunch has wavy, lightly savoyed blue-green leaves. Excellent yielder regrows quickly after harvest. Generally earlier and more uniform than openpollinated types. High bolt resistance.





Martini Cucumber



Diva Cucumber

# **CUCUMBER**

#### Diva F1

**Form (Count):** Available as Raw Seed (1,100/oz.)

#### Days from Transplant: 58

Non-bitter, 4-5-in. (10-13-cm), gynoecious-type with tender skin. This slicing cucumber is resistant to Scab; tolerant of Powdery/Downy Mildew. All-America Selections National Winner.

#### Gateway F<sub>1</sub>

Form (Count): Available as Raw Seed, (1,100/oz.)

#### Days from Transplant: 50

At 8.5-9 in. (22-23 cm) long, this slicing cucumber boasts outstanding quality fruit along with a vigorous, strong plant. With intermediate resistance to Downy Mildew, this monoecioustype variety stands out among other varieties for its strong disease package and great adaptability for the market farmer.

#### Gherking F<sub>1</sub> Gherkin

Form (Count): Available as Raw Seed (1,250/oz.)

#### Days from Transplant: 50-55

Gynoecious, parthenocarpic type cucumber is 3-5 in. (8-13 cm) long and produces early, large yields of bitter-free fruit that won't turn bitter if left on the vine. Cylindrical, dark green gherkins with white spines are perfect for pickling and fresh eating. High resistance to Scab and CMV 1; Intermediate resistance to Powdery Mildew and Downy Mildew.

#### Martini F<sub>1</sub>

Form (Count): Available as Raw Seed (1,200/oz.)

#### $\textbf{Days from Transplant:}\ 55\text{-}60$

Slicing cucumber stands out from the competition for its non-yellowing white exterior and earlier yields. Very tender, "no peel" skin if harvested at 5-6-in. (13-15-cm) length; larger fruit will need peeling. White interior is bitter-free, very sweet and crunchy. Powdery Mildew resistant; monoecious.



**Gateway Cucumber** 





Classic Eggplant



Hansel Eggplant

# **EGGPLANT**

#### Classic F<sub>1</sub>

Form (Count): Available as Plugs, Coated Seed, Raw Seed (7,100/oz.) Days from Transplant: 76

Glossy, dark purple, 8-9-in. (20-23-cm), premium-quality fruit with an oval shape.

#### Fairy Tale F1

Form (Count): Available as Plugs, Coated Seed, Raw Seed (8,200/oz.)

#### $\textbf{Days from Transplant:}\ 55$

Clusters of 3 to 5 teardrop-shaped, sweet, bitter-free fruit - up to 2 weeks earlier than others. 18-24-in. (46-61-cm), lavender-striped plants; good for small spaces and containers. All-America Selections National Winner.



Shikou Eggplant

# Hansel F<sub>1</sub>

Form (Count): Available as Plugs, Coated Seed, Raw Seed (8,500/oz.)

#### Days from Transplant: 55

True miniature ideal for containers. Fingerlike clusters of 3 to 6 teardrop-shaped, dark purple, bitter-free fruits. Harvest from 2-10 in. (5-25 cm) long. *All-America Selections National Winner*.

#### Shikou F<sub>1</sub>

Form (Count): Available as Plugs, Coated Seed, Raw Seed (6,100/oz.)

#### $\textbf{Days from Transplant:}\ 75$

Asian-type eggplant offers long, 6-8-in. (15-20-cm), dark purple fruit with thin and tender, glossy skin; very white interior and very few seeds. Attractive, mid-size plants are very productive and semi-spineless.



Orion Fennel



Redbor Kale

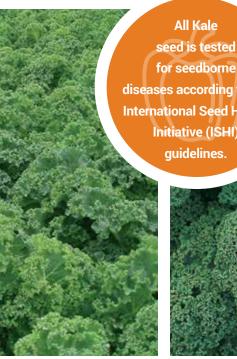
# **FENNEL**

#### Orion F<sub>1</sub>

Form (Count): Available as Plugs, Raw Seed (7,000/oz.)

#### Days from Transplant: 82

Crisp, flavorful, large, thick bulbs are great for early through late Fall production. 18-24 in. (46-61 cm) long and very uniform; resists bolting and Tipburn.



Starbor Kale

# **KALE**

#### **Dinosaur (Lacinato Kale)**

Form (Count): Available as Plugs, Raw Seed (8,600/oz.)

Days from Transplant: 33 Baby, 70 Full Size

Open-shape kale has straplike, bluegreen leaves, 3 in. (8 cm) wide by 10 in. (25 cm) long. Extremely Winter-hardy. Good for culinary and ornamental use.

# All Kale

for seedborne diseases according to the **International Seed Health** Initiative (ISHI) guidelines.



Winterbor Kale

# Redbor F<sub>1</sub>

Form (Count): Available as Plugs, Raw Seed (7,000/oz.)

Days from Transplant: 28 Baby, 55

Very deep red-purple, frilly leaves; color/curling are enhanced by cold weather. Edible and ornamental variety.

# Starbor F1

Form (Count): Available as Plugs, Raw Seed (9,500/oz.)

#### **Days from Transplant:** 55

Very uniform, compact, 12-18-in. (30-46-cm) tall plants with dark blue-green leaves. Resists yellowing.

#### Winterbor F<sub>1</sub>

Form (Count): Available as Plugs, Raw Seed (6,400/oz.)

#### Days from Transplant: 58

Finely curled, dark blue-green leaves on a tall, frost-resistant and productive plant. Overwinters well. Good ornamental, too.





Amanda Lettuce

Valley Heart Lettuce



New Red Fire Lettuce

#### **KOHLRABI**

#### Quickstar F1

Form (Count): Available as Plugs, Raw Seed (5,600/oz.)

Days from Transplant: 50

Very early, slow-bolting variety with dark green, slightly broad leaves. 5.5-oz. (156-g) bulbs are extremely uniform in size and maturity. Wonderful flavor.



Quickstar Kohlrabi

#### **LETTUCE**

#### **Amanda**

Form (Count): Available as Plugs, Raw Seed (33,000/oz.)

Days from Direct Sow: 70

Large, bolt-tolerant heads are bright green, curly and tender with delicious buttery taste. Looseleaf variety can be grown in containers.

#### **Buttercrunch**

Form (Count): Available as Plugs, Coated Seed, Organic, Raw Seed (27,000/oz.)

 $\textbf{Days from Transplant:}\ 65$ 

Popular, butterhead is a top-quality variety; easy to grow and yields very tender, 4.5-in. (11-cm) rosettes. Resistant to Lettuce Mosaic Virus. *All-America Selections National Winner.* 

#### **New Red Fire**

Form (Count): Available as Plugs, Raw Seed (26,500/oz.)

 $\textbf{Days from Direct Sow:}\ 55$ 

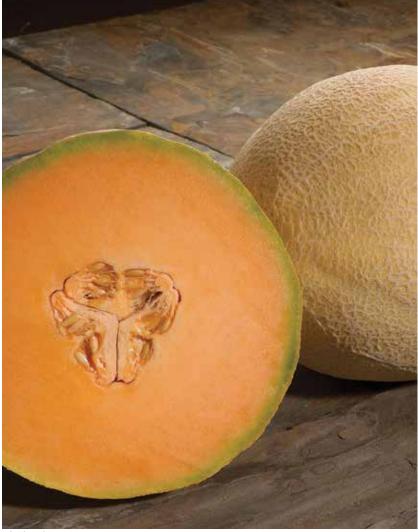
Dark red, medium-large head, looseleaf lettuce has high bolting tolerance, moderate cold tolerance and strong heat tolerance. Harvest Summer to Fall.

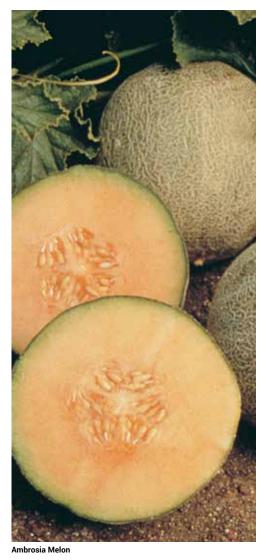
#### **Valley Heart**

Form (Count): Available as Plugs, Raw Seed (30,000/oz.)

 $\textbf{Days from Direct Sow:}\ 75$ 

Tall, dense, medium-green romaine has large, slightly savoyed leaves. Flavorful variety has good tolerance to cold and bolting; resists Tipburn.





Atlantis Melon

**MELON** 

#### Ambrosia F<sub>1</sub>

Form (Count): Available as Plugs, Raw Seed (1,000/oz.)

Days from Transplant: 86

Extra-sweet flavored, 4.5-lb. (1.8-2-kg) cantaloupe has heavy netting and no sutures. One of the best varieties for the East coast.

#### Atlantis F<sub>1</sub>

Form (Count): Available as Raw Seed (930/oz.)

 $\textbf{Days from Transplant:}\ 74$ 

Eastern cantaloupe with round-oval shape and firm, dark-orange flesh. 6-8-lb. (2.7-3.6-kg) variety has high sugar content for excellent flavor. Finely netted with shallow sutures.

#### Snow Mass F1

Form (Count): Available as Raw Seed (700/oz.)

Days from Transplant: 80

6-8-lb. (2.7-3.6-kg) honeydew melon has large, round, excellent-quality fruit with smooth rind and very sweet, light green flesh. Vigorous vines give excellent cover to heavy fruit set. Best adapted to hot or long growing seasons for maximum fruit size.



Snow Mass Melon





Mizuna Miz America Mustard



Parade Bunching Onion

MUSTARD

#### Mizuna Miz America F<sub>1</sub>

Form (Count): Available as Plugs, Raw Seed (14,500/oz.)

Days from Transplant: 20-25

Striking, deep-red leaves have very uniform color, shape and size, with pleasant, mild taste that is not bitter or spicy. Maintains the deep color even at maturity. Upright habit and thick leaves decreases damage from weather and

harvesting.

#### **NEW Savanna F**<sub>1</sub>

growing hybrid, slow to bolt.

Form (Count): Available as Raw Seed (10,500/oz.) Days from Transplant: 20 Baby Leaf, 40 Full Size Large, glossy, dark green, oval-shaped leaves are heat, cold and drought tolerant; tender and delicious. Mild flavor enhances salads, stir-fries and steamed dishes while adding nutritional value. Can substitute for spinach. Fast-

#### ONION

#### Candy F<sub>1</sub>

Form (Count): Available as Plugs, Raw Seed (6,000/oz.)

Days from Transplant: 85

Sweet, mild flavor. Day-neutral variety offers huge, very early bulbs with golden brown skin, white interior and thick rings with mostly single centers. Good production throughout the US, mid-day strain for planting in the North



Form (Count): Available as Raw Seed (13,000/oz.)

Days from Transplant: 70

This bunching onion offers bright white shanks and uniform, dark green foliage. Vigorous and very upright, with little to no bulbing and a mild flavor.



**Candy Onion** 





Sierra Blanca Onion



**Red Carpet Onion** 

Red Baron Bunching Onion

#### **Red Baron Bunching**

Form (Count): Available as Raw Seed (6,500/oz.) Days from Direct Sow: 70 Scallions, 115 Full Size

Bunching, small onion. Versatile, long-day variety holds its vibrant, burgundy color well. Harvest at 12-14 in. (30-36 cm) tall as a scallion - when bulbs begin to form, or later in Fall with a mid-size, mild-flowered bulb. Vigorous roots; long storage.

#### Red Carpet F1

Form (Count): Available as Plugs, Raw Seed (6,000/oz.)

Days from Direct Sow: 115

Deep red, long-day variety produces 3-4-in. (8-10-cm) bulbs with attractive, magenta interior rings. Tight bulbs store extremely well.

#### Sierra Blanca F<sub>1</sub>

Form (Count): Available as Raw Seed (6,800/oz.)

Days from Direct Sow: 109

Early-maturing jumbo variety makes mild, globe-shaped bulbs with very white and shiny scales; flesh is firm and showy white. Widely adapted and produces thick rings. Good bolt tolerance; resistant to Pink Root Rot. Day neutral.

#### **PAK CHOI**

#### White

Form (Count): Available as Plugs, Raw Seed (13,000/oz.) Days from Transplant: 30 Baby Leaf, 60 Full Size

Thick, pure white petioles with crisp, smooth, tender leaves are perfect for stir-fries, soups and Asian cooking. Slow to bolt; grows well in warmer climates.

#### **PEA**

#### **Oregon Sugar Pod**

Form (Count): Available as Organic, Raw Seed (100/oz.)

Days from Direct Sow: 62

Flat, smooth, stringless, 4-in. (10-cm) pods with mildly flavored snow peas on highly productive, 24-30-in. (61-76-cm) vines. Resists Fusarium Wilt, Pea Enation Mosaic Virus and Pea Streak. Trellis for easy harvest; excellent for Spring or Fall plantings.

#### **Sugar Snap**

Form (Count): Available as Raw Seed (100/oz.)

Days from Direct Sow: 62

Sweet, 3-in. (8-cm)  $\times$  0.5-in. (1-cm) pods, great for fresh use and cooking remove string from pods before cooking. 6-ft. (1.8-m) tall vines are high yielding for long periods, in both cool and hot weather.









New Ace



Archimedes

T El T Ello, owe							
Variety	Form (Count)	Days from Transplant	Size	Color	Habit	Disease Resistance	Description
SWEET BELL							
NEW Archimedes F <sub>1</sub>	Available as Plugs, Coated Seed, Raw Seed (3,700/oz.)	76 Green/ 90 Red	4 x 4.5 in. (10 x 11 cm)	Green/Red	Compact	(HR) TMV: 0, Xcv: 0-3, 7, 8; (IR) Pc	(with X3R*) Widely-adapted, thick-walled, green to red hybrid with large, blocky fruit.
Hunter F <sub>1</sub>	Available as Plugs, Raw Seed (3,600/oz.)	60 Green/ 75 Red	4 x 4 in. (10 x 10 cm)	Green/Red	Compact	TEV, TMV, (HR) Xcv: 1-5, 7-9	Compact, mid-size plant bears early, concentrated yields. High-quality, extralarge, 4-lobed peppers have smooth and glossy exterior. Well-adapted for growing in the eastern United States.
New Ace F <sub>1</sub>	Available as Plugs, Raw Seed (4,100/oz.)	65 Green/ 80 Red	4 x 3 in. (10 x 8 cm)	Green/Red	Large	(HR) ToMV, TMV	Early-maturing plant produces heavy yields of sweet peppers. Plant has green stems, green leaves and white flowers and grows 3-4 ft. (0.9-1.2 m) tall. One of the best bell peppers for areas with short or cool Summers, even Alaska.





Nikita

Variety	Form (Count)	Days from Transplant	Size	Color	Habit	Disease Resistance	Description
Nikita F <sub>1</sub>	Available as Plugs, Raw Seed (3,772/oz.)	65 Creamy White/ 85 Red- Orange Shades	3.5 x 4 in. (9 x 10 cm)	Green/Red- Orange	Large	(HR) PVY	Glowing, red-orange peppers are loaded with big flavor. Blocky, thick-walled fruit holds its crispness even when cooked at high heat. Well-branched plants produce early and prolifically.
Orange Blaze F <sub>1</sub>	Available as Plugs, Coated Seed, Raw Seed (3,800/oz.)	68	3-4 x 1.5 in. (8-10 x 4 cm)	Green/ Orange	Large, Tall	TMV, Xcv: 0-3, 7, 8	Gorgeous 2 to 3-lobed fruits that mature early and boast very sweet flavor. All-America Selections National Winner.

All Pepper seed is tested for seedborne diseases according to the **International Seed Health** Initiative (ISHI) guidelines.











Variety	Form (Count)	Days from Transplant	Size	Color	Habit	Disease Resistance	Description
Red Knight F <sub>1</sub>	Available as Plugs, Coated Seed, Raw Seed (3,300/oz.)	66 Green/ 80 Red	4.5 x 4.5 in. (11 x 11 cm)	Green/Red	Compact	(HR) PVY: 0, Xcv: 1-3	Vigorous, early-maturing variety is widely adapted throughout the northeastern U.S. Large to extra-large, thick-walled fruits.
Revolution F <sub>1</sub>	Available as Plugs, Coated Seed, Raw Seed (4,100/oz.)	72 Green/ 89 Red	4.75 x 4.5 in. (12 x 11 cm)	Green/Red	Medium, Tall	(IR) CMV, BLS: 1, 2, 3, 5	Produces a concentrated set and good yields in cool weather. 4-lobed, blocky and thick-walled variety.
NEW Snackabelle Red F <sub>1</sub>	Available as Plugs, Raw Seed (4,500/oz.)	60 Green/ 75 Red	2-2.25 x 2-2.25 in. (5-6 x 5-6 cm)	Green/Red	Compact	TMV, (HR) BLS: 1-3, 7, 8	This mini bell excels across the board: earliness, ease and eating! Thick-walled, blunt-end peppers have a rich, sweet flavor that's great for fresh eating from green to red, and holds up well through grilling and stuffing. "Easy-out" stem and seeds — simply push down or cut around cap to release seed cavity for quick cleaning.





T ET T EITO, OW									
Variety	Form (Count)	Days fro Transpla		Size	Color	Habit	Disease Resista		Description
Touchdown F <sub>1</sub>	Available as Plugs, Raw Seed (3,600/oz.)	72 Greer 88 Red		3.75-4 x 3.75-4 in. (9.5-10 x 9.5-10 cm)	Green/Red	Large	(HR) TM and Xcv 7-9		A strong, prolific plant with continuous setting ability and excellent cover. High yield potential of large to extra-large, smooth fruit with thick walls and a uniformly blocky shape.
CUBANELLE									
Biscayne F <sub>1</sub>	Available as Plugs, Raw Seed (4,400/oz.)	65 Pale Green/ 80 Red		6.5 x 2.5 in. (17 x 6 cm)	Pale Green/ Red	Large			Cubanelle peppers are produced on 24-30-in. (61-76-cm) plants. Early and productive.
KEY DISEASE RES	SISTANCE:	HR: IR: CMV: PC: ToMV:	Interme Cucumb Phytoph	esistance ediate Resista ber Mosaic V nthora Root F Mosaic Viru	irus Rot		PVY: TEV: TMV: TSWV: Xcv:	Tobac Tobac Tomat	o Virus Y co Etch Virus o Mosaic Virus to Spotted Wilt Virus amonas (Bacterial Leaf Spot)









Carranza

PEPPERS. Hot

PEPPERS, Hot							
Variety	Form (Count)	Days from Transplant	Size	Color	Habit	Disease Resistance	Description
ANAHEIM							
NEW Desperado F <sub>1</sub>	Available as Raw Seed (2,900/oz.)	60 Green/ 75 Red	8 x 1.5 in. (20 x 4 cm)	Light Green/Red	Large, Tall		A large-fruited pepper with mid-early maturity and great yield potential on a sturdy mid-size plant with good cover. Fruit is light green with an attractive glossy look and thick walls. Fruit 'decaps' well, making it well-suited for fresh eating and processing. Pungency is mild and ideal for roasting.
ANCHO/POBLAN	10						
NEW Carranza F <sub>1</sub>	Available as Raw Seed (4,200/oz.)	72	6-7 x 3 in. (16-18 x 8 cm)	Dark Green/ Red	Large, Tall		High-performance ancho chili pepper is excellent for drying. Large, wide fruits start out green and are very striking in the fresh market. Semi-open foliage covers the fruits to protect against damage by the sun, making it excellent in high temperatures.
Trident F <sub>1</sub>	Available as Plugs, Raw Seed (2,500/oz.)	75 Green/ 90 Red	6.5 x 3.5 in. (17 x 9 cm)	Dark Green/ Red	Large, Tall	(HR) TMV: 0	Extra-large, 4.5-5.5-oz. (128-156-g), glossy peppers are firm and straight with a high percentage of two-lobed fruit. Good for fresh and dried use. Plants have good vigor and continuous setting; performs well in a wide range of soils and climates.





Primero Red

# PEPPERS, Hot

Variety	Form (Count)	Days from Transplant	Size	Color	Habit	Disease Resistance	Description	
CAYENNE								
NEW Arapaho F <sub>1</sub>	Available as Plugs, Raw Seed (2,500/oz.)	65 Green/ 85 Red	8-9 in. (20-23 cm) long	Green or Red	Large, Vigorous		a compact, vigo harvested 10 da than most stand market, with no Pungent, with gu Attractive and d moderately hot.	arly maturing fruit on rous plant. Can be ys to two weeks earlier lard varieties on the sacrifice in fruit quality. reat cayenne aroma. elicious, both sweet and Excellent for frying and m-large plant, formerly enne.'
HABANERO								
NEW Primero Red F <sub>1</sub>	Available as Plugs, Raw Seed (9,000/oz.)	75-80 Full Ripe	2.75-3.5 x 1.25-1.5 in. (7-9 x 3-4 cm)	Green/Red	Large	(IR) TSWV	market, with frui enjoy as early as huge yields of p	ning habanero on the it ready to harvest and s bell peppers! Produces eppers that are larger neros with just about at.
HOW HOT IS HO	T?							
We've ranked the taste of our hot peppers from hottest (4 peppers) to mildly hot (1 pepper).		((	.((		((	(		
		NEW Pr	imero Red Fı		co F1 Slice F1 Sureño F1			NEW Desperado Fi Trident Fi Durango Fi Mad Hatter Fi





Sriracha





La Bomba II

Spicy Slice

# PEPPERS Hot

PEPPERS, HOT							
Variety	Form (Count)	Days from Transplant	Size	Color	Habit	Disease Resistance	Description
JALAPEÑO							
La Bomba II F <sub>1</sub>	Available as Plugs, Coated Seed, Raw Seed (3,200/oz.)	55 Green/ 70 Red	3-3.25 x 1-1.5 in. (8-8.25 x 3-4 cm)	Green/Red	Large, Tall	TMV, Xcv: 1-3	Upgraded for superior disease resistance. Performs like original La Bomba, bearing very large jalapeños with little to no checking. Best in containers or in-ground.
Spicy Slice F <sub>1</sub>	Available as Plugs, Coated Seed, Raw Seed (3,800/oz.)	65 Green/ 85 Red	4-4.75 x 0.75-1 in. (10-12 x 2-3 cm)	Green	Compact	TEV, (HR) Xcv: 1, 2, 3, 7, 8	Extra-large peppers are good for cutting into uniform, bite-sized rings with good flavor and medium pungency. Vigorous, prolific plants have good cover and are widely-adaptable.
Sriracha F <sub>1</sub>	Available as Plugs, Coated Seed, Raw Seed (2,700/oz.)	80 Green/95 Red	5 x 1.25 in. (13 x 3 cm)	Green/Red	Medium, Tall		Large and firm, uniformly dark green pepper with beautiful smooth skin and a thick wall. Has a long shelf life and good heat content.
SERRANO							
NEW Sureño F <sub>1</sub>	Available as Raw Seed (4,500/oz.)	65 Green/ 85 Red	3 x 5 in. (8 x 13 cm)	Green	Large	PVY: 0, 1, 2	A high-producing, large, straight- fruited pepper with a medium-green color and excellent quality. The plant is more compact and the yield more concentrated than a traditional serrano. Sureño's fruit is very firm, with a solid core that can withstand rough handling.





Durango



#### PEPPERS Hot

PEPPERS, Ho	PEPPERS, HOI										
Variety	Form (Count)	Days from Transplant	Size	Color	Habit	Disease Resistance	Description				
SPECIALTY HOT											
Aji Rico F <sub>1</sub>	Available as Plugs, Raw Seed (5,000/oz.)	55 Green/ 75 Red	3-4 x 1.25-1.75 in. (8-10 x 3-4 cm)	Green/Red	Very Large, Vigorous		A unique hybrid Capsicum baccatum variety with more vigor, higher yield and earlier ripening than O.P. heirlooms. Narrow, conical fruit are crispy and thin-walled with delicate citrus flavor – perfect fresh or cooked, green or red. Best in-ground; large, indeterminate plants benefit from support. All-America Selections National Winner.				
Durango F <sub>1</sub>	Available as Plugs, Raw Seed (3,800/oz.)	70 Green/ 85 Red	6.5-7. x 1.5 in. (17-18 x 4 cm)	Green/Dark Red	Large	(HR) TMV: 0, (IR) Pc	A gourmet favorite and good garden performer! Guajillo pepper offers classic mild to medium hot flavor, smooth exterior, thick walls and mature deep-burgundy color on a strong, early-producing plant. High-yielding, with lots of long, tapered, 2-2.5-oz. (57-71-g) fruit that are good for salsa or drying for powder.				
Mad Hatter F <sub>1</sub>	Available as Plugs, Raw Seed (4,500/oz.)	70 Green/ 90 Red	2-3.5 x 2-2.5 in. (5-9 x 5-6 cm)	Green/Red	Very Large, Vigorous		A unique Capsicum baccatum pepper that is early and very productive, yielding more fruit than similar O.P. varieties. Distinctive, flat-disc peppers are crunchy and crisp, with delicate floral scent and rich flavor that intensifies/sweetens as it matures. Best in-ground with support. All-America Selections National Winner.				



Autumn Gold Pumpkin



**PUMPKIN** 

National Winner.

**Baby Bear** 

(280/oz.)

Autumn Gold F1

Days from Direct Sow: 90

Days from Direct Sow: 105

Selections National Winner.

Eight to nine pumpkins per vine,

1.5-2.5 lb. (0.7-1.1 kg) each. Long

stems make good handles. All-America

Form (Count): Available as Raw Seed

12-20 ft. (3.7-6.1 m), with three to five

(3.2-4.5 kg) each. All-America Selections

Form (Count): Available as Raw Seed

pumpkins per vine, weighing 7-10 lb.

Highly productive variety spreads

Baby Bear Pumpkin



**Casper Pumpkin** 



Cracker Jack Pumpkin



Hijinks Pumpkin

#### Casper

Form (Count): Available as Raw Seed (200/oz.)

#### Days from Direct Sow: 90

White-skinned, 10-16-lb. (4.5-7.3-kg) ornamental with thick, orange flesh and corky-textured tan handle grows 9-12 in. (23-30 cm) in diameter. Great for carving, painting and eating

#### Cracker Jack F1

Form (Count): Available as Raw Seed (170/oz.)

#### Days from Direct Sow: 105

A medium-sized, 12-16-lb. (5.4-7.3kg) version of the traditional Jack O'Lantern pumpkin. Fruit grow on vigorous restricted vines, are burnt orange in color, blocky round in shape and offer strong, dark, embedded handles. Cracker Jack has intermediate resistance to Powdery Mildew.



#### Hijinks

Form (Count): Available as Raw Seed (227/oz.)

#### Days from Direct Sow: 100

High-yielding, 7-9-lb. (3.2-4.1kg) pumpkins with smooth skin, pronounced grooves and strong stems. Blocky variety is about 8 in. (20 cm) tall and 7.5 in. (19 cm) in diameter. All-America Selections National Winner.

#### Magic Lantern F<sub>1</sub>

Form (Count): Available as Raw Seed (142/oz.)

#### Days from Direct Sow: 115

Classic, upright, 16-24-lb. (7.3-10.9-kg), dark orange pumpkins with medium ribs are set close to the plant crown. Restricted vining makes this a good choice for small spaces. Intermediate resistance to Powdery Mildew.





#### **RADISH**

# Easter Egg II Mix

**Form (Count):** Available as Raw Seed (3,000/oz.)

#### $\textbf{Days from Direct Sow:}\ 30$

Novel mix produces 6 shades of red, purple and white. Adds distinctive color and delicate flavor to salads and veggie trays. Round, large and late to become pithy.

#### **SPINACH**

#### Green Beret F1

Form (Count): Available as Plugs, Raw Seed (2,200/oz.)

#### Days from Direct Sow: 30

Dark green, semi-savoy variety can be grown as baby spinach or as large leaves. Strong resistance to Downy Mildew 1-13.

#### Seaside F<sub>1</sub>

Form (Count): Available as Plugs, Raw Seed (2,000/oz.)

# Days from Direct Sow: 30

Very uniform, smooth-leaf variety has thick, very dark green leaves with the preferred spade shape. Upright plants have moderate bolt resistance. Also resistant to Downy Mildew 1-11, 15, 16 and intermediate-resistance to 12, 14.



Seaside Spinach



**Green Beret Spinach** 











Sunny Delight





EasyPick Series

# SOUASH

SQUASH						
Variety	Form (Count)	Days from Direct Sow	Туре	Size	Disease Resistance	Description
SUMMER						
Bocce F <sub>1</sub>	Available as Raw Seed	45 Baby/ 55 Full Size - Direct	Zucchini	4 in. (10 cm)		Open, prostrate, restricted vine produces very high yields of ball-shaped fruit. Smooth, dark green fruit have good holding-ability and uniformity.
Butta F <sub>1</sub>	Available as Raw Seed (190/oz.)	45 Direct		6-8 in. (15-20 cm) long		Highly-uniform, lemon yellow variety produces long, blocky fruit with ivory-white flesh.
EasyPick F <sub>1</sub> Series	Green: Available as Raw Seed (170/oz.) Gold II: Available as Plugs, Raw Seed (2,600/oz.)	45 Direct	Zucchini	Up to 10 in. (25 cm)	Gold II: PRSV, WMV, ZYMV	Fast-growing plants have an open habit and few prickles on the petioles. Continuous yields of slender, "twist to harvest" fruits make this traditional zucchini easy to market.  • Gold II • Green
Endeavor F <sub>1</sub>	Available as Raw Seed (170/oz.)	45 Direct	Zucchini	7 in. (18 cm) long	(IR) WMV, ZYMV, PRSV, Px	Large, glossy, dark green squash is small- spined. Nice, open habit makes harvesting easy.
Noche F <sub>1</sub>	Available as Raw Seed (195/oz.)	48 Direct	Zucchini	7-8 in. (18-20 cm) long	(IR) WMV, ZYMV	Named for its "dark as night" skin, a popular choice in western regions. Long, glossy fruit have superior shelf life. Open, spineless plants are easy to harvest.
Sunny Delight F <sub>1</sub>	Available as Raw Seed (450/oz.)	40 Baby - Direct	Patty Pan	Baby when 2-3 in. (5.1-7.6 cm) across		Bush-type plants reach 24-30 in. (61-76 cm) in height and can easily be grown in hills or rows. Pale yellow fruits have distinct scalloping and great taste.







Primavera

Taybelle



Tivoli

#### SOUASH

SQUASH	ı			1		
Variety	Form (Count)	Days from Direct Sow	Туре	Size	Disease Resistance	Description
WINTER						
NEW Butterbaby	Available as Plugs, Raw Seed (390/oz.)	105 Direct	Butternut	0.5-1.5 lbs (0.23-0.68 kg)	(IR) Px	Produces an abundance of sweet, personal-size, mini butternuts with classic light tan skin color. Depending on vine spacing, average fruit size can range from 0.5-1.5 lb. (0.2-0.7 kg) each. Restricted vines will not take over the garden like traditional butternuts; can be grown on a trellis to save even more space. Excellent storage quality — will last up to 4 months or more after harvest.
Primavera F <sub>1</sub>	Available as Raw Seed (227/oz.)	93 Direct	Spaghetti	2.5-3 lbs. (1.1-1.4 kg)		Restricted vine-type is ideal for home gardens and delivers high yields of uniform, 3-lb. (1.4-kg) fruits with delicious, light-colored flesh.
Taybelle	Available as Raw Seed (310/oz.)	80 Direct	Acorn	2-3 lbs. (0.9-1.4 kg)	Px	High-quality acorn squash matures from dark green to jet black. Semi-bush plants are good for higher-density planting.
Tivoli F <sub>1</sub>	Available as Raw Seed (225/oz.)	98 Direct	Spaghetti	4-5 lbs. (1.8-2.3 kg)		First bush-type spaghetti squash – short vines make this a real spacesaver! Smooth, light yellow exterior with creamy, easy-to-shred flesh. All-America Selections National Winner.
KEY DISEASE RESIS	Px: PRSV: WMV:	Intermediate Resis Powdery Mildew Papaya Ring Spot \ Watermelon Mosai Zucchini Yellow Mo	/irus c Virus			



**Bright Lights Swiss Chard** 



American Dream Sweet Corn

# **SWEET CORN**

#### **NEW American Dream F<sub>1</sub>**

Form (Count): Available as Raw Seed (199/oz.)

#### Days from Direct Sow: 77

Bicolor variety offers superb eating quality, a very tender kernel and outstanding flavor. Strong, clean, 6-ft. (1.8-m) plants hold their ears at 26 in. (66 cm), are 7.5 in. (19 cm) in length and have intermediate resistance to Northern Corn Leaf Blight. Isolation required. 2018 All-America Selections National Winner.

# **SWISS CHARD**

#### **Bright Lights**

Form (Count): Available as Plugs, Raw Seed (1,600/oz.)

**Days from Direct Sow:** 28 Baby/55 Full Size

Unique yellow, gold, orange, pink, violet, green and striped stems, plus standard red and white. Mild flavor. Tender, bronze or dark green leaves. Good ornamental. All-America Selections National Winner.



Super Verde Tomatillo

# **Northern Lights Mix**

Form (Count): Available as Plugs, Raw Seed (1,600/oz.)

**Days from Direct Sow:** 30 Baby/60 Full Size

Produces good yields of swiss chard with multicolor stems in vibrant red, magenta, gold and white. Excellent for salads and steamed with other greens.

# **TOMATILLO**

#### Super Verde F<sub>1</sub>

**Form (Count):** Available as Plugs, Raw Seed (15,200/oz.)

Days from Transplant: 75 Direct

Firm fruit with attractive green color have sturdy, healthy husks and above-average shelf life. Strong plant has good vigor and cover with very good fruit set. Improved uniformity, yield and longer production cycle than others of this type.



Buffalosteak

Variety	Form (Count)	Days from Transplant	Growth	Size	Disease Resista		Description
BEEFSTEAK							
Big Beef F <sub>1</sub>	Available as Plugs, Coated Seed, Raw Seed (8,200/oz.)	73	Indeterminate	10-12 oz. (284-340 g)	Aal, F2, TMV, V	N,	Beefmaster type with twice the yields. All- America Selections Classic Variety.
Buffalosteak F <sub>1</sub>	Available as Plugs, Raw Seed (15,000/oz.)	75	Indeterminate	6-8 oz. (170-227 g)	V, F, N, T		Large size with especially meaty flesh and few seeds. Early in its category. Productive and easy to grow.
NEW Damsel F <sub>1</sub>	Available as Plugs, Raw Seed (9,000/oz.)	73	Indeterminate	8-12 oz. (227-340 g)	Pi, N, V		Compact, beefsteak tomato variety, Damsel offers outstanding pink silk heirloom flavor with uniform fruits.
KEY DISEASE RESISTANCE	HR: High Aal: Alter As: Early F: Fusa F1: Fusa F2: Fusa F3: Fusa Pf: Leaf Fol: Fusa (Fusa (Fusa Ma: Root Mi: Root Mj: Root	rium Crown ar -Knot (Meloido -Knot (Meloido	nker se 1) ses 1 & 2) ses 0, 1 & 2) ulva) um f. sp. lycopers	iici)	Pi: Pst: Sbl: Slb: Sl: Ss: T: TMV: ToMV: TSWV: TYCV: V: Va: Vd:	Gray L (Stem Septor Gray L Gray L Thrips Tobac Tomat Tomat Vertice Vertice	rial Speck .eaf Spot phylium botryosum f. sp. Lycopersici) ria Leaf Spot .eaf Spot (Stemphylium lycopersici) .eaf Spot (Stemphylium solani)









Carmello





**Bush Early Girl** 

**TOMATO** 

Variety	Form (Count)	Days from Transplant	Growth	Size	Disease Resistance	Description
SLICER						
Biltmore F <sub>1</sub>	Available as Plugs, Raw Seed (9,200/oz.)	70	Determinate	10-12 oz. (284-340 g)	Aal, Fol, Sbl/ Sl/Ss, Va/Vd	Mid-season variety produces a high yield of large, uniform, firm fruit with smooth skin and excellent flavor.
Bush Champion II F <sub>1</sub>	Available as Plugs, Coated Seed, Raw Seed (6,000/oz.)	70	Determinate	8-12 oz. (227-340 g)	Aal, F: 1 & 2, V: 1	Big, meaty fruit on extra-early, compact, 24-in. (61 cm) plants. Slightly more productive and widely adapted. Can be grown staked, but not essential.
Bush Early Girl F <sub>1</sub>	Available as Plugs, Coated Seed, Raw Seed (7,800/oz.)	63	Determinate	6-7 oz. (170-198 g)	N, T, V, F: 1, 2	Higher yielding than other compact varieties. Excellent flavor.
Carmello F <sub>1</sub>	Available as Plugs, Raw Seed (8,500/oz.)	75	Indeterminate	10-12 oz. (284-340 g)	F: 1, N, TMV, ToMV: 0-2, V	High-yielding, French slicing variety has good sugar/acid balance, round shape, juicy interior and crack-resistant skin.





Dixie Red







Champion II

Early Girl

Variety	Form (Count)	Days from Transplant	Growth	Size	Disease Resistance	Description
Champion II F <sub>1</sub>	Available as Plugs, Coated Seed, Raw Seed (5,200/oz.)	70	Indeterminate	10-12 oz. (284-340 g)	V, F: 1 & 2, N, T	High-yielding variety.
Dixie Red F <sub>1</sub>	Available as Plugs, Raw Seed (9,800/oz.)	85	Determinate	10-12 oz. (284-340 g)	(HR) Aal, Fol, Sbl/Sl/Ss, TSWV, V, Va/ Vd, (IR) Ma/ Mi/Mj	Good yield potential and an improved disease package as compared to top market varieties. Produces large fruit that has the potential to perform well and set even in hot conditions. As an early-main season tomato, this hybrid can also be considered for the vine ripe market.
Early Girl F <sub>1</sub>	Available as Plugs, Coated Seed, Raw Seed (6,300/oz.)	60	Indeterminate	4-6 oz. (113-170 g)	V, F: 1 & 2	Early slicing variety produces all Summer.
Mountain Merit F <sub>1</sub>	Available as Plugs, Raw Seed (10,600/oz.)	75	Determinate	8-10 oz. (227-284 g)	F: 3, Pi, N, TSWV, V	A nice, all-around tomato. Compact, uniform plants produce dark red, 3-3.5-in. (8-9-cm), juicy and mildly flavored fruit perfect for slicing and sandwiches. Offers a 4-5-week harvest window. All-America Selections Regional Winner (Heartland).



Phoenix

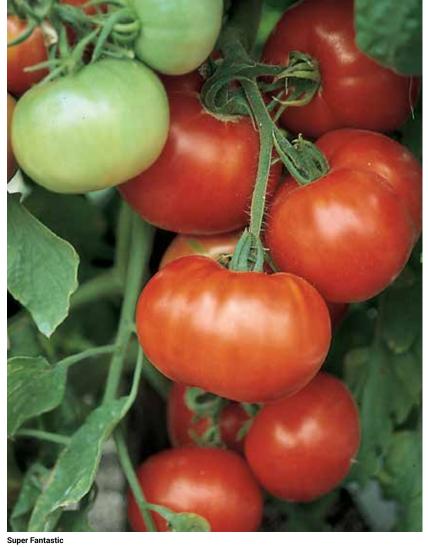




Rugged Boy

Stellar

Variety	Form (Count)	Days from Transplant	Growth	Size	Disease Resistance	Description
SLICER (continued)						
Phoenix F <sub>1</sub>	Available as Plugs, Raw Seed (10,900/oz.)	90	Determinate	10-12 oz. (284-340 g)	(HR) Aal, Fol, Sbl/Sl/Ss, Va/Vd	Vigorous, compact, mid-season variety bears globe-shaped, large to extra-large tomatoes that are uniformly colored. Great in areas that have high temperatures in the growing season; sets fruit in heat.
Rugged Boy F <sub>1</sub>	Available as Plugs, Raw Seed (9,300/oz.)	75	Determinate	6-8 oz. (170-227 g)	(HR) ToMV: 0-2, Fol: 1 & 2, Sbl/SI/ Ss, Va/Vd: 1, (IR) Pi, Ma/ Mi/Mj	Great adaptability across the United States. Small plant type is perfect for large containers or small garden beds.
Stellar F <sub>1</sub>	Available as Plugs, Raw Seed (9,800/oz.)	75	Determinate	5-7 oz. (142-198 g)	(HR) F2, Pi, V, (IR) As, Slb	High yields of round, red slicing tomatoes. Highest level of disease resistance occurs when planted apart from other tomatoes. Best in-ground; benefits from trellis for support.







Tasti-Lee

Variety	Form (Count)	Days from Transplant	Growth	Size	Disease Resistance	Description
Super Fantastic F <sub>1</sub>	Available as Plugs, Coated Seed, Raw Seed (5,100/oz.)	70	Indeterminate	10-12 oz. (284-340 g)	V, F, N	Produces high yields of solid, meaty, smooth-skinned fruit all Summer.
Supersonic F <sub>1</sub>	Available as Plugs, Coated Seed, Raw Seed (10,600/oz.)	79	Indeterminate	9-11 oz. (255-312 g)	V, F, N	Heavy yields of great-tasting fruit.
Tasti-Lee® F <sub>1</sub>	Available as Plugs, Raw Seed (11,700/oz.)	75	Determinate	6-9 oz. (170-255 g)	V: 0, Fol: 0, 1, 2	Strong-performing variety produces deep red fruits with superior, sweet flavor and provides good shade against sunscald. Up to 50% more lycopene than similar types.*Based on vegetables grown under our trial conditions and harvested when ripe. Actual harvest results may vary. TASTI-LEE is a registered trademark of Florida Foundation Seed Producers, Inc.



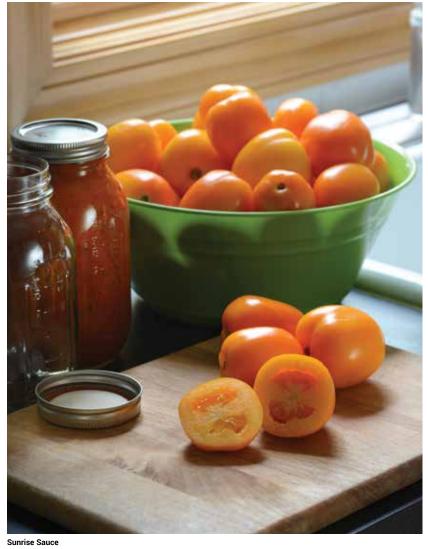
Camaro





Bella Rosa La Roma III Red

Variety	Form (Count)	Days from Transplant	Growth	Size	Disease Resistance	Description
SALADETTE/SAUCE						
Bella Rosa F <sub>1</sub>	Available as Plugs, Raw Seed (9,600/oz.)	74	Determinate	7.5-9.5 oz. (213-269 g)	Aal, F: 1 & 2, Ss, TSWV, V	High-quality determinate salad variety features very good heat setting ability. It has large, firm, smooth-shouldered fruit with good flavor. Suited for both mature green and vine ripe markets. The plants are medium-tall and benefit from light to no pruning. Concentrated set and high yield potential.
NEW Camaro F <sub>1</sub>	Available as Plugs, Raw Seed (8,000/oz.)	75	Determinate	8-10 oz. (227-284 g)	(HR) Aal, Fol: 1-3, Va/Vd: 1, (IR) Ss, TYCV	Produces early maturing, extra-large and firm globe-shaped fruit, on mid-compact plants. Setting and size is good through the plant with final yield potential being high. Due to the plant habit, pruning is either unnecessary or should be low. The deep red fruit have smooth shoulders and perform well for both vine-ripe or for mature green gassing.





Sunrise Sauce



Supremo

**TOMATO** 

Variety	Form (Count)	Days from Transplant	Growth	Size	Disease Resistance	Description
La Roma III Red F <sub>1</sub>	Available as Plugs, Coated Seed, Raw Seed (5,700/oz.)	76	Determinate	5-7 oz. (142-198 g)	V, F: 1 & 2, N	Large, tasty fruit on large, vigorous plants. NOTE: Trialing is recommended in areas with short growing season; maturity and yield may be adversely affected under some conditions compared to the original.
Sunrise Sauce F <sub>1</sub>	Available as Plugs, Raw Seed (10,400/oz.)	57	Determinate	3-4 oz. (85-113 g)	F, V	The only professional non-heirloom orange roma/paste/cooking tomato on the market. Ideal for small-space gardens and large containers. Yields large amounts of easy-to-peel tomatoes that are sweet and meaty, with a taste like traditional romas. Best in-ground.
Supremo F <sub>1</sub>	Available as Raw Seed (12,100/oz.)	70	Determinate	1 oz. (28 g)	(HR) Fol: 1-3, Mi, Pst: 0, Va: 1, Vd: 1, (IR) TSWV	Compact plants yield many uniform, elongated, extra-large fruit that are firm and red. Concentrated production period. Widely adapted; sets well in hot weather.





Bravehear



Chocolate Sprinkles Candyland Red

Variety	Form (Count)	Days from Transplant	Growth	Size	Disease Resistance	Description				
SMALL FRUITED/CHERRY										
Braveheart F <sub>1</sub>	Available as Plugs, Raw Seed (14,000/oz.)	60	Indeterminate	1 oz. (28 g)	(HR) Pf: A-E, Fol: 1, For, ToMV: 0 & 1, (IR) Ss	Cherry tomatoes grow prolifically on medium-sized, well-behaved plants. Fruit ripen quickly and uniformly, extending the harvest throughout the season. Sweet and juicy fruit have thin skin and a bold, rich tomato flavor. Resists cracking.				
Candyland Red F <sub>1</sub>	Available as Plugs, Coated Seed, Raw Seed (30,000/oz.)	60	Indeterminate	0.5 oz. (14 g)		Puts a new spin on currant tomatoes — with its compact, tidy and manageable habit, Candyland Red won't take over like other sprawling varieties do. Easy to grow, earlier and easy to harvest compared to other currants. Branched trusses are accessible for more usable fruit with less damage while picking. Very high yielding, very sweet flavor. Best in-ground. All-America Selections National Winner.				
Chocolate Sprinkles F <sub>1</sub>	Available as Plugs, Raw Seed (13,000/oz.)	55	Indeterminate	1 oz. (28 g)	F: 1, N, TMV, ToMV	First in this type with a disease-resistance package. Unique, striped color. Produces more fruit with better flavor than similar open-pollinated varieties.				







Cupid



Midnight Snack

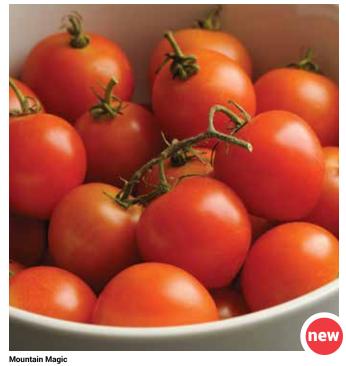
#### **TOMATO**

Variety	Form (Count)	Days from Transplant	Growth	Size	Disease Resistance	Description
Cupid F <sub>1</sub>	Available as Plugs, Raw Seed (16,200/oz.)	66	Indeterminate	1 oz. (28 g)	Aal, Sbl	Vigorous vines bear hundreds of smooth, firm, very sweet, 1-in. (3-cm) grape tomatoes continuously over a long season. Holds well without bursting.
Juliet F <sub>1</sub>	Available as Plugs, Coated Seed, Raw Seed (10,000/oz.)	60	Indeterminate	1.5-2 oz. (43-57 g)	As, Pi	Clusters of juicy, red, elongated tomatoes on long, vigorous vines. Less cracking than other cherry types. <i>All-America Selections</i> <i>National Winner.</i>
Midnight Snack F1	Available as Plugs, Raw Seed (9,600/oz.)	70	Indeterminate	1 oz. (28 g)		A unique cherry tomato that ripens red with a blush of glossy black-purple on the skin when exposed to sunlight, due to anthocyanin pigment. Produces all season, yielding well-balanced, flavorful fruit. Great in salads or eaten straight off the plant – a guilt-free treat any time. Best in-ground, grown with support. All-America Selections National Winner.





Red Racer





Ruby Crush



Sweet Zen

#### **TOMATO**

Variety	Form (Count)	Days from Transplant	Growth	Size	Disease Resistance	Description
SMALL FRUITED/CHERRY (continued)						
NEW Mountain Magic F <sub>1</sub>	Available as Plugs, Raw Seed (12,600/oz.)	66	Indeterminate	2 oz. (57 g)	F: 3, Pi, V, As	Brilliant, red fruit with a juicy, smooth interior that is tropical-tasting with low acid and high sugars. Known as Camparitype tomatoes, they command high prices in specialty markets as tomatoes-on-thevine. The uniform, crack-resistant globes appear in beautiful trusses of up to a dozen fruit.
NEW Red Racer F <sub>1</sub>	Available as Plugs, Raw Seed (7,600/oz.)	57	Determinate	2 oz. (57 g)	F: 1 & 2, GLS, N, TMV, V	2018 All-America Selections National Winner is a large, cocktail tomato variety that provides high-quality, great-tasting fruit in the garden or in large containers. Fruit has a good, sweet/acid balance, is uniform in size and matures as a cluster of fruits. Produces a huge yield, 7-10 days earlier than competing varieties.
NEW Ruby Crush F <sub>1</sub>	Available as Plugs, Raw Seed (13,400/oz.)	60	Determinate	0.5 oz. (14 g)	(HR) Fol, For, ToMV: 0-2, (IR) Ss	A widely adapted, mid-early maturing grape on mid-compact plants with good vigor. Plant features good setting and size, with high final yield potential. Requires limited to no pruning. Deep red fruit is very smooth, uniform and firm with good flavor.





**Sweet Treats** 

Sungold





Sugar Rush

Tomatoberry Garden

#### **TOMATO**

Variety	Form (Count)	Days from Transplant	Growth	Size	Disease Resistance	Description
Sugar Rush F <sub>1</sub>	Available as Plugs, Raw Seed (13,200/oz.)	55	Indeterminate	1 oz. (28 g)	(HR) F: 1, TMV, ToMV	Super-sweet, elongated fruit have one of the highest Brix ratings of this type. Fast- maturing and very productive all season, making long trusses of fruit with great crunch and texture.
Sungold F <sub>1</sub>	Available as Plugs, Coated Seed, Raw Seed (16,700/oz.)	57	Indeterminate	0.5-0.75 oz. (14-21 g)	(HR) F, TMV	Beautiful, golden orange fruits are borne in large clusters. Great for snacking even a week before fully mature, with a sweet flavor.
Sweet Treats F <sub>1</sub>	Available as Plugs, Raw Seed (12,000/oz.)	75	Indeterminate	0.5-0.75 oz.	(HR) Pf, Fol, ToMV: 0, 1, (IR) For, Ss	Unique, large-fruited cherry tomato has deep pink skin, smooth texture, and excellent flavor and aroma. Crisp, crackresistant fruit is produced in clusters of 12-15 tomatoes.
Sweet Zen F <sub>1</sub>	Available as Plugs, Raw Seed (19,800/oz.)	60	Determinate	0.5-0.75 oz. (14-21 g)		Red grape tomato offers early maturity and bright red fruit with good Brix and heat tolerance. Firm fruit ship well. Sweet Zen is an extended-harvest type.
Tomatoberry Garden F <sub>1</sub>	Available as Plugs, Raw Seed (12,200/oz.)	60	Indeterminate	0.5 oz. (14 g)	F, N, T	Unique, 1-in. (3-cm), strawberry-shaped fruits have a super-sweet taste and aroma. Produces high yields of shiny, deep red, one-bite fruit.



# herbs

BASIL	
Dolce Fresca	.39
Eleonora	.39
Super Sweet Genovese	.39
Sweet Nufar F1	.39
CHIVES Garlic	.40
Onion	.40
CILANTRO Santo	.40
DILL	41

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Italian4	1
PARSLEY	
Forest Green4	•
Italian Dark Single4	
Triple Curled4	1
SAGE	
Salvia-Sage4	1
THYME	
Summer (French)4	1

#### **PLANTING CHART**

Herbs	Days to Germ
Basil	10-14
Chives	10-14
Cilantro	10-16
Dill	7-21
Oregano	14-21
Parsley	14-28
Sage	10-18
Thyme	18-24



Ball Seed.



Dolce Fresca Basil



Eleonora Basil

#### **BASIL**

#### **Dolce Fresca - Annual**

Form (Count): Available as Plugs, Raw Seed (16,600/oz.)

Height: 12-14 in. (30-36 cm) Spread: 10-12 in. (25-30 cm) Days from Transplant: 28

(Ocimum basilicum) Traditional basil flavor, with more usable leaf yields. Mid-size plants have a unique, bushy habit with shorter internodes so plants stay controlled without getting tall and leggy. Great in-ground as well as in containers. All-America Selections National Winner.

Seeds per ounce are approximate and can vary by lot.



Sweet Nufar Basil

#### Eleonora - Annual

Form (Count): Available as Plugs, Raw Seed (18,000/oz.)

Height: 18-22 in. (46-56 cm) Spread: 14-16 in. (36-41 cm) Days from Transplant: 40

(Ocimum basilicum) Genovese type with intermediate resistance to Downy Mildew. Upright growth with medium green, big, light-serrated leaves. Suitable for open-field and pot production.

#### Super Sweet Genovese - Annual

Form (Count): Available as Plugs,

Organic (18,700/oz.)

Height: 12-16 in. (30-41 cm)

Spread: 10-12 in. (25-30 cm)

Days from Transplant: 45

(Ocimum basilicum) Large-leafed

Italian Genovese type. Very productive.



Super Sweet Genovese Basil

#### Sweet Nufar F<sub>1</sub> - Annual

Form (Count): Available as Plugs, Organic (18,400/oz.)

Height: 24-28 in. (61-71 cm) Spread: 16-20 in. (41-51 cm) Days from Transplant: 60



Dolce Fresca Basil







Onion Chives





Santo Cilantro

#### **CHIVES**

#### Garlic - Perennial

Form (Count): Available as Plugs, Organic, Raw Seed (6,600/oz.)

Hardiness Zone: Zone 3-10 Height: 18-22 in. (46-56 cm) Spread: 4-6 in. (10-15 cm) Days from Transplant: 75

(Allium tuberosum) Garlic-flavored leaves.

#### Onion - Perennial

Form (Count): Available as Plugs, Organic, Raw Seed (23,000/oz.)

Hardiness Zone: Zone 3-10 Height: 16-20 in. (41-51 cm) Spread: 4-6 in. (10-15 cm) Days from Transplant: 75

(Allium schoenoprasum) Excellent for seasoning.

#### **CILANTRO**

#### Santo - Annual

Form (Count): Available as Plugs, Raw Seed (2,400/oz.)

**Height:** 8-12 in. (20-30 cm) **Spread:** 8-10 in. (20-25 cm) **Days from Transplant:** 60

(Coriandrum sativum) Broad, celery-like leaves are medium green and heavier

than standard strains. Slow-bolting for higher yields.







Triple Curled Parsley



Italian Dark Single Parsley



**Dukat Dill** 



Italian Oregano



Salvia-Sage

#### **DILL**

#### **Dukat - Annual**

Form (Count): Available as Plugs, Raw Seed (16,000/oz.)

Height: 50-58 in. (127-147 cm) Spread: 24-30 in. (61-76 cm) Days from Transplant: 50 Leaf / 95 Seeds

(Anethum graveolens) Produces much higher yields of foliage than other dill varieties. The dark green, ferny leaves also have a distinct, strong aroma that adds depth to any fish, vegetable or pasta dish. Vigorous plants are topped with very large umbels.

#### **OREGANO**

#### Italian - Perennial

Form (Count): Available as Plugs, Raw Seed (275,000/oz.)

Hardiness Zone: Zone 5-9) **Height:** 10-24 in. (25-61 cm) **Spread:** 8-16 in. (20-41 cm) **Days from Transplant:** 75 (Origanum vulgare) Italian type. **PARSLEY** 

#### Forest Green - Annual

Form (Count): Available as Plugs, Organic (15,000/oz.)

Height: 10-12 in. (25-30 cm) **Spread:** 8-12 in. (20-30 cm) **Days from Transplant:** 70 (Petroselinum crispum) Dark green, triple-curled leaves.

#### Italian Dark Single - Annual

Form (Count): Available as Plugs, Raw

Seed (14,000/oz.)

Height: 15-18 in. (38-46 cm) Spread: 12-18 in. (30-46 cm) Days from Transplant: 70

(Petroselinum crispum) Flat, deeply cut leaves with rich flavor.

#### **Triple Curled - Annual**

Form (Count): Available as Plugs, Raw

Seed (16,000/oz.)

Height: 12-14 in. (30-36 cm) **Spread:** 8-12 in. (20-30 cm) **Days from Transplant:** 70

(Petroselinum crispum) Curled, dark green leaves on compact plants.

#### **SAGE**

#### Salvia-Sage - Perennial

Form (Count): Available as Plugs, Organic, Raw Seed (117,000/oz.) Hardiness Zone: Zone 5-8 Height: 18-24 in. (46-61 cm) **Spread:** 18-22 in. (46-56 cm) **Days from Transplant:** 65

(Salvia officinalis) Use fresh or dried.

#### **THYME**

#### Summer (French) - Tender **Perennial**

Form (Count): Available as Plugs, Organic Raw Seed

Hardiness Zone: Zone 6-8, Annual below 6

**Height:** 6-12 in. (15-30 cm) **Spread:** 6-8 in. (15-20 cm) **Days from Transplant:** 75

(Thymus vulgaris) Very aromatic, small, gray/green leaves. Tiny lilac flowers. Evergreen. Summer type is spicier than most other thymes.



Summer Thyme





Use fresh or dried.

## cut flowers

ASCLEPIAS
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COSMOS
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Silverdrop       48         GOMPHOCARPUS       48         Hairy Balls       48         GOMPHRENA       48         QIS Series       48         LARKSPUR       49         LEUCANTHEMUM
Silverdrop
Silverdrop       48         GOMPHOCARPUS       48         Hairy Balls       48         GOMPHRENA       48         QIS Series       48         LARKSPUR       49         LEUCANTHEMUM

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Oklahoma Mix55
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, ,



Beautiful bouquets from fragrant, colorful stems.







#### **ASCLEPIAS**

#### Silky Series - Tender Perennial

Form (Count): Available as Plugs, Raw Seed (9,900/oz).

Hardiness Zone: Zone 7-10 Height: 24-28 in. (61-71 cm) **Spread:** 8-10 in. (20-25 cm) **Days from Transplant:** 90

(A. curissavica) Strong-stemmed plants have intensely colored blooms all Summer.

- Deep Red Golden yellow centers.
- Gold
- Mix Intense reds and golds.



#### **COSMOS**

#### Sonata™ Series - Annual

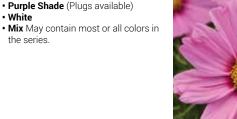
Form (Count): High Efficiency Seed

(4,400/oz.)

**Height:** 24 in. (61 cm) **Spread:** 12-14 in. (30-36 cm) **Days from Transplant:** 60

(C. bipinnatus) Easy-to-grow plants are free-flowering with golden-eyed blooms. Not short-day types; plants flower in June from March sowing. Good garden cut flower.

- Carmine
- Pink
- Pink Blush
- Purple Shade (Plugs available)
- White
- the series.





**Sonata Carmine Cosmos** 



Sonata Pink Cosmos



Sonata Mix Cosmos



Sonata Pink Blush Cosmos



**Sonata White Cosmos** 





Belladonna Casablanca



**Blue Donna** 



Bellamosum

#### **DELPHINIUM**

#### Belladonna - Perennial

Form (Count): Available as Plugs, Raw

Seed (11,100/oz.)

Hardiness Zone: Zone 3-7 Height: 30-36 in. (76-91 cm) **Spread:** 10-12 in. (25-30 cm) Days from Transplant: 130 (D. X Belladonna) Sky blue.

#### **Bellamosum - Perennial**

Form (Count): Raw Seed (11,100/oz.) Hardiness Zone: Zone 3-8 Height: 30-36 in. (76-91 cm) **Spread:** 10-12 in. (25-30 cm) **Days from Transplant:** 125 (D. X Belladonna) Deep blue, good companion to Belladonna.

Blue Donna -**Tender Perennial** 

Form (Count): Available as Plugs, Raw

Seed (11,100/oz.)

Hardiness Zone: Zone 5a-9b **Height:** 32-40 in. (81-102 cm) **Spread:** 8-10 in. (20-25 cm)

Days from Transplant: 100

(D. X Belladonna) Uniform, deep blue, semi double-flowered variety is heat tolerant with low disease sensitivity. Productive, multiple flush crop has a fast 12 to 16 week crop time from planting. Harvest when 25 to 30% of the flowers are open.

#### Casablanca - Perennial

Form (Count): Available as Plugs, Raw

Seed (11,100/oz.)

Hardiness Zone: Zone 3-10 Height: 42 in. (107 cm) **Spread:** 10-12 in. (25-30 cm) Days from Transplant: 130 (D. X Belladonna) White; contains

a small percentage of pale blue flowers. Can be grown year-round in coastal or mild Winter regions.





**Magic Fountains Mix** 



Magic Fountains Dark Blue Dark Bee





Magic Fountains White Dark Bee



**Pacific Giants Guinevere** 



**Pacific Giants Cameliard** 



Pacific Giants Blue Jay



**Pacific Giants King Arthur** 

#### Magic Fountains Series -Perennial

Form (Count): Available as Plugs, Raw Seed (14,300/oz.)

Hardiness Zone: Zone 3-7 Height: 24-36 in. (61-91 cm) Spread: 24-36 in. (61-91 cm) **Days from Transplant:** 110

(D. elatum) Sturdy, compact plants.

- Dark Blue Dark Bee
- Blue Dark White Bee
- Mid Blue White Bee
- Sky Blue White Bee
- Cherry Blossom White Bee
   Lavender White Bee
   Lilac Pink White Bee
- Crystal Mix
- White Dark Bee
- Pure White White bee varieties only.
- Mix May contain most or all colors in the series.

#### **Pacific Giants Series -Perennial**

Form (Count): Available as Plugs, Raw Seed (15,000/oz.)

Hardiness Zone: Zone 3-7 Height: 4.5-6 ft. (137-183 cm) **Spread:** 10-12 in. (25-30 cm) **Days from Transplant: 125** 

(D. elatum) Large, semi-double blooms. All have white bees, except Blue Jay, Black Knight and Percival, which have black bees.

- · Astolat Bluish pink shades with darker tones. Can show both creamy white and dark bees.
- · Black Knight Dark blue.
- Blue Bird Mid-blue.
- Blue Jay Medium blue.
- Cameliard Lavender-rose.
- Galahad Pure white.
- Guinevere Lavender-pink.
- King Arthur Royal violet.
- Percival White.
- Summer Skies Light blue.
- Mix All of the series colors.











**Amazon Neon Cherry** 

Amazon Rose Magic

**Bouquet Purple** 



Bouquet Rose

#### **DIANTHUS**

#### Amazon™ F1 Series - Tender **Perennial**

Form (Count): Available as Plugs, Pelleted Seed

Hardiness Zone: Zone 6a-8b **Height:** 18-24 in. (46-61 cm); finishes at 36 in. (91 cm) tall as a Winter greenhouse-grown crop

**Spread:** 10-12 in. (25-30 cm) Days from Transplant: 110 (D. barbatus interspecific)

Vibrant blooms over very dark green, glossy foliage. No vernalization required for flowering.

- Neon Cherry
- Neon Duo 50:50 mix of Neon Cherry and Neon Purple on separate plants.
- Neon Purple
- Rose Magic Each bloom starts white, ages to pink, then deep rose; shows the full color range on one flower

#### Bouquet™ F<sub>1</sub> Series -Perennial

Form (Count): Available as Plugs, Pelleted Seed

Hardiness Zone: Zone 4a-8b **Height:** 18-24 in. (46-61 cm) **Spread:** 10-12 in. (25-30 cm); finishes up-36 in. (91 cm) as a green-house-grown crop

Days from Transplant: 100

(D. barbatus interspecific)

Bedding/landscape and commercial cut flower series has lacy, lightly scented blooms on well-branched plants with strong, straight stems. Outdoors, the vigorous plants have good heat tolerance. Well-suited to 4-in. (10-cm) pots and gallons for landscape and backyard cutting gardens.

- Purple
- · Rose Magic
- Rose





Sweet Mix

#### Sweet™ F1 Series - Tender **Perennial**

Form (Count): Pelleted Seed Hardiness Zone: Zone 6a-8b Height: 18-36 in. (46-91 cm) for field-grown; taller from early Falltransplanted, greenhouse-grown plants

Spread: 10-12 in. (25-30 cm) **Days from Transplant:** 70

(D. barbatus) High-yielding plants are very uniform for height and flowering time. No vernalization needed for firstyear-flowering. Produces long-lasting, very fragrant blooms on vigorous, frost-tolerant plants.

- Black Cherry
- Coral
- Magenta Bicolor Deep Pink Maxine Offers a more intense color than Sweet Pink. A topselling color in most markets.
- Pink
- Pink Magic



Sweet Purple White Bicolor

- **NEW Purple Improved** Richer color and improved uniformity. (No plugs available)
- Purple White Bicolor
- Red
- Scarlet Deep scarlet; 3 to 5 days later to flower than others in the series.
- White Pure, clean white flower color with no gray anthers.
- Mix Includes Black Cherry, Purple White Bicolor and White.



Sweet Deep Pink Maxine



Sweet Pink Magic



Sweet Magenta Bicolor



**Sweet Purple Improved** 









QIS Carmine Gomphrena

QIS Orange Gomphrena

**GOMPHRENA** 

#### Silverdrop - Tender Perennial **QIS Series - Annual** Form (Count): Available as Plugs, Raw Seed (41,000/oz.)

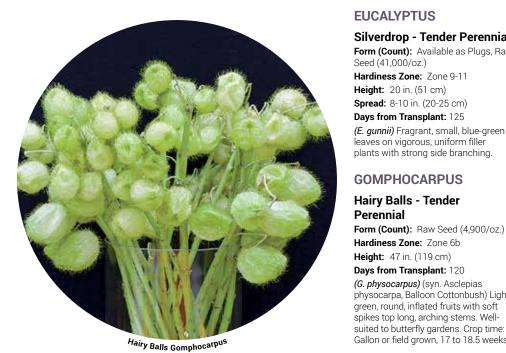
Form (Count): Available as Plugs, Raw

Seed (17,000/oz.)

Height: 24-26 in. (61-66 cm) **Spread:** 8-10 in. (20-25 cm) Days from Transplant: 90

(G. haageana)

- Carmine • Lilac
- Orange
- Purple
- Red
- Mix May contain most or all colors in the series.



(G. physocarpus) (syn. Asclepias physocarpa, Balloon Cottonbush) Light green, round, inflated fruits with soft spikes top long, arching stems. Wellsuited to butterfly gardens. Crop time: Gallon or field grown, 17 to 18.5 weeks.

Silverdrop Eucalyptus







OIS Series Rose Larkspur



Column Miracle Blue Mid Matthiola



Katz Cherry Blossom Matthiola



Nosento Limegreen Marigold



'Alaska' Leucanthemum

#### **LARKSPUR**

#### **QIS Series - Annual**

Form (Count): Raw Seed (12,700/oz.) Height: 30-48 in. (76-122 cm) **Spread:** 10-20 in. (25-51 cm) **Days from Transplant: 85** 

(Consolida ambigua) Uniform color and stem quality.

- Carmine
- Dark Blue
- Light Blue
- Light Pink
- Lilac • Rose (No plugs available)
- White

#### **LEUCANTHEMUM**

#### 'Alaska' - Perennial

Form (Count): Available as Plugs, Raw Seed (25,000/oz.)

Hardiness Zone: Zone 4-9b Height: 24-36 in. (61-91 cm) Spread: 12-24 in. (31-61 cm) **Days from Transplant: 85** 

(L. x superbum) Single, pure white flowers with yellow centers are 3 in. (7 cm) across, over dark green leaves.

#### **MARIGOLD**

#### **NEW Nosento Limegreen -Annual**

Form (Count): Coated Seed Height: 28 in. (71 cm)

**Days from Transplant: 85** 

(Tagetes erecta) This scentless African Marigold shows off fully double, greenish-yellow flowers and deep green foliage. Vase life is almost 3 weeks. Can be grown in cold or heated greenhouses as well as outdoors.

#### **MATTHIOLA**

#### **Column Series - Annual**

Form (Count): Raw Seed (14,800/oz.) Height: 24-30 in. (61-76 cm) Days from Transplant: 140-150 (M. incana) Non-branching plants bear

50 to 60% double blooms.

- · Appleblossom.
- Apricot
- Avalanche Pure white
- Cheerful White · Cheerful Yellow
- · Lilac Lavender
- Malmaison Pink Pastel salmon-pink
- Miracle Blue Mid Mid-blue
- Miracle Crimson
- Miracle White
- Miracle Yellow
- Pink Sweetheart
- Purple Heart

#### Katz Series - Annual

Form (Count): Available as Plugs, Raw Seed (16,900/oz.)

Height: Stem length: 32 in. (81 cm)

**Days from Transplant:** 90

(M. incana) Delivers shorter crop time, uniformity in flowering for stem length and timing between colors, and better heat tolerance than traditional types. Can be grown earlier and later in the season, and even be sold in flower for Christmas. About 55 to 60% doubleflowering, with some selectability possible. Tunnel production is recommended for overall quality and weather protection.

- Apricot
- Blue
- Bright Rose
- · Cherry Blossom
- Crimson
- Lavender Blue Light Lavender
- Pink
- Purple
- Ruby US PVP 201200438
- White
- Yellow













**Rocket Bronze** 

**SNAPDRAGON** 

#### **Rocket Series - Annual**

Form (Count): Available as Plugs, Pelleted and Raw Seed (170,000/oz.)

Height: 30-36 in. (76-91 cm) **Spread:** 16-18 in. (41-46 cm) **Days from Transplant:** 90

(Antirrhinum majus) Flowers well under long days.

- Bronze All-America Selections National Winner.
- Cherry Golden All-America Selections National Winner.
- Lemon
- Orchid All-America Selections National Winner.
  • Pink
- Red All-America Selections National Winner.
- Rose Shades All-America Selections National Winner.
- White All-America Selections National Winner.
- Mix May contain most or all colors in the series.





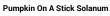




Rocket Red

**Rocket Pink** 







QIS Mix Statice



QIS Pale Blue Statice



King Mix Strawflower

#### **SOLANUM**

#### Pumpkin On A Stick - Annual

Form (Count): Available as Plugs, Pelleted Seed (10,000/oz.) Height: 3-4 ft. (91-122 cm) **Spread:** 2-3 ft. (61-91 cm) Days from Transplant: 100

(S. integrifolium) A must for Fall decorating! The well-branched, upright plants have strong, woody stems and very large leaves that protect the developing clusters of fruit from sun. Pale green fruit appear in late Summer and mature to bright, deep scarlet and finally orange.

#### **STATICE**

#### **QIS Series - Annual**

Form (Count): Raw Seed (12,000/oz.) Height: 30-35 in. (76-91 cm) **Spread:** 8-10 in. (20-25 cm) Days from Transplant: 110

(L. sinuata)

- Apricot
- Dark Blue • Lavender
- Pale Blue
- Pastel Soft, pastel shades.
- Purple • Rose
- White
- Yellow
- Mix May contain most or all colors in the series.
- Pastel Shades Mix Raw Seed

#### **STRAWFLOWER**

## King Size Complete Mix -

**Annual** 

Form (Count): Raw Seed (12,000/oz.) **Height:** 20-30 in. (51-76 cm)

**Spread:** 12 in. (30 cm) Days from Transplant: 100 (Helichrysum bracteatum) This longlasting, cool-season annual

features daisy-like flowers with a vibrant color mix of yellow, white, orange and pink. Prefers full sun; Winter hardy in zone 8 and the south.



**STRAWFLOWER** 



Jua Inca



## **SUNFLOWER**

#### Double Quick Orange F1 -**Annual**

Form (Count): Treated Seed (560/oz.) Height: 5 ft. (152 cm)

Days from Direct Sow: 66

(Helianthus annuus) The only singlestemmed, early-flowering double suitable for the mass market. Fullydouble, golden-yellow, 4-5-in. (10-13cm) flowers have a pollenfree, green disk. Upright habit.

#### Full Sun F<sub>1</sub> - Annual

Form (Count): Treated Seed (530/oz.) Height: 6 ft. (183 cm)

Days from Direct Sow: 55-65

(Helianthus annuus) Classic, golden yellow blooms are 6-8 in. (15-20 cm) wide.



**Pro Cut Bicolor** 

#### Jua Series - Annual

Form (Count): Treated Seed (650-700/oz.)

Height: 3-5 ft. (91-152 cm), depending

on culture

Spread: 36-60 in. (91-152 cm) Days from Direct Sow: 55-65 (Helianthus annuus) Bred for less

sensitivity to cultural variations than traditional varieties. Fast-growing plants produce big, pollenless blooms over small, deep green top leaves. Very good vase life.

- · Inca Mahogany/gold bicolor flower with a dark center.
- Maya Golden yellow petals with dark black center.



**Pro Cut Gold** 



**Pro Cut White Nite** 

#### Pro Cut F1 Series - Annual

Form (Count): Treated Seed (450/oz.) **Height:** 5-6 ft. (152-183 cm)

Days from Direct Sow: 50-60

(Helianthus annuus) Each bright, 4-5-in. (10-13-cm) flower features a dark, pollenless disk on single-stemmed plants. Daylength neutral varieties are excellent for mass market production.

- Bicolor Mahogany with large yellow
- Brilliance Unique petal color yellow on outside intensifies to orange near the dark center.
- Gold
- Orange
- NEW Orange Excel Fusion of deep orange color on upright, singlestemmed flowers. Faster than Orange.
- Plum
- Red
- **NEW White Nite** Unique flowers open creamy vanilla and turn white after a few days of sunlight.

#### Sunbright Supreme F<sub>1</sub> -Annual

Form (Count): Treated Seed (590/oz.) Height: 4-5 ft. (122-152 cm)

Days from Direct Sow: 60-70

(Helianthus annuus) Pollenless, bright yellow flowers have a large, dark brown center. Earlier and more uniform than Sunbright.



Sunbright Supreme



**Sunrich Lemon Summer** 





Sunrich Provence Summer



Vincent Deep Orange DMR

#### Sunrich F<sub>1</sub> Series - Annual

Form (Count): Treated Seed (590/oz.)

**Height:** 3-5 ft. (91-152 cm) **Days from Direct Sow:** 50-60

(*Helianthus annuus*) Blooms 10 to 14 days earlier than Sunbright. Single-stemmed plants bear 5-6-in. (13-15-cm) flowers. The four Summer varieties flower 5 to 10 days earlier than others in the series.

- · Gold Green face matures to golden orange.
- Lemon Bright yellow.
- Lemon Summer
- Lime Light yellow with a green center.
- Limoncello Summer White-yellow with a dark center.
- Orange Golden yellow.
- Orange DMR Offers added vigor and disease resistance to multiple strains of Downy Mildew.
- Orange Summer True orange.
- NEW Provence Summer
   Deeper orange color than
   Sunrich Orange. Double row of
   perfect petals surrounds the
   dark disk. Great uniformity,
   long vase life.



Sunrich Lime

#### Vincent F<sub>1</sub> Series - Annual

Form (Count): Treated Seed Height: 4-5 ft. (122-152 cm) Days from Direct Sow: 50-60

(Helianthus annuus) Daylength-neutral series allows for flexible programming, with production of high-quality crops in early, mid and late seasons. Upwardfacing flowers on strong stems have round, overlapping petals for better shipping, and an extra ring of petals for more attractive presentation.

- Choice Dark Eye Deep orange petals with a brown center.
- Fresh Light Eye Green center

#### Vincent Deep Orange DMR F1 - Annual

Form (Count): Treated Seed (450/oz.) Height: 4-5 ft. (122-152 cm)

Days from Direct Sow: 50-60 (Helianthus annuus) All the impressive attributes of the original Vincent series, plus Downy Mildew resistance! Also features a deeper flower color and larger flower disc size than the original Vincent series.



**SUNFLOWER** 







Mammoth Deep Rose





**Mammoth Crimson** 



Mammoth Mid Blue



Mammoth Rose Pink



**Mammoth Scarlet** 

**SWEET PEA** 

#### Mammoth Series - Annual

Form (Count): Raw Seed (350/oz.) **Height:** 5-7 ft. (152-213 cm) Days from Direct Sow: 85 (Lathyrus odoratus) Large, early flowers and long stems.

- Crimson
- Deep Rose
   Lavender
   Mid Blue
- Navy Blue
- Rose Pink
- · Salmon Cream
- Scarlet
- White
- Mix May contain most or all colors in the series.

Mammoth White





#### **ZINNIA** Oklahoma Mix - Annual

Benary's Giant Series - Annual

Form (Count): Available as Plugs, Coated Seed

**Height:** 40 in. (102 cm) **Spread:** 12 in. (30 cm) **Days from Transplant:** 85

(Z. elegans) Thick stems hold 4-5-in.

(10-13-cm), fully double blooms with excellent yield per plant.

- Bright Pink
   Carmine Rose
- Coral • Deep Red
- Golden Yellow
- Lilac
- Lime Orange
- Purple
- Scarlet • White
- Wine
- Mix Does not include Lime.



Benary's Giant Lime



Benary's Giant Bright Pink





Benary's Giant Purple



Benary's Giant Carmine Rose



Benary's Giant Orange

#### Form (Count): Available as Plugs, Raw Seed (4,400/oz.)

Height: 30-40 in. (76-102 cm) **Spread:** 28 in. (71 cm)

Days from Transplant: 80

(Z. elegans) Powdery Mildewtolerant plants bear 1.25-1.5-in. (3-4-cm), double and semi-double

blooms.

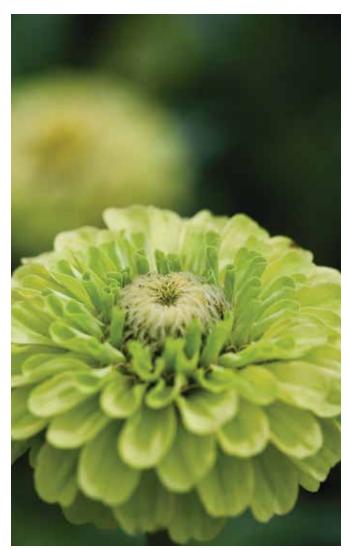


Oklahoma Mix





Queen Lime Red



Queen Lime



Queeny Lime Orange

ZINNIA continued

#### **Queen Series - Annual**

Form (Count): Raw Seed (Varies by variety)

**Height:** 24-30 in. (61-76 cm) **Spread:** 18-20 in. (46-51 cm) **Days from Transplant:** 85

(Z. elegans) Produces a mass of fully double, 2.5-3-in. (6-7-cm) flowers. Well-branched, upright plants supply a high number of sturdy flower stems. Long vase life. Also makes a good garden cut flower.

- Lime (Raw Seed, 4,100/oz.)
- Lime Red Exotic bicolor maroon petals topped with lime green. (Raw Seed, 3,800/oz.)

#### **NEW Queeny Lime Orange - Annual**

Form (Count): Available as Plugs, Raw Seed (4,300/oz.)

Height: 18-24 in. (46-61 cm) Spread: 12 in. (30 cm) Days from Transplant: 85

(Z. elegans) Show-stopping 2018 All-America Selections National Winner is highlighted by its unique color – the flowers evolve from dark coral/peach/orange to light peach with a dark center as they age. The longlasting, 2 to 4-in. (5-10-cm), dahlia-like blooms sit atop sturdy, compact plants.

• Award-winning, one-of-a-kind color.

## TERMS AND CONDITIONS OF SALE

#### VISIT BALLSEED.COM FOR CURRENT TERMS AND CONDITIONS OF SALE.

Note: Ball Terms & Conditions of Sale are country/region specific. The following Terms & Conditions of Sale apply to product sold within the United States and Canada.

#### ACCEPTANCE OF TERMS

These terms and conditions shall govern orders for seeds, bulbs, plants, supplies and other materials (merchandise) placed with Seller. All negotiations with sales representatives or other agents of Seller are merged herein. No modification of these terms and conditions shall be effective unless in writing signed by Seller. Placement of the order shall constitute Purchaser's acceptance of these terms and conditions. All orders are subject to acceptance by Seller at our offices in West Chicago, Illinois.

#### LIMITATION OF WARRANTY

Seller warrants, to the extent required by law, that merchandise conforms to the description appearing in Seller's catalog and on container labels, within recognized tolerances. SELLER MAKES NO OTHER OR FURTHER WARRANTY, EXPRESS OR IMPLIED. ALL OTHER OR FURTHER WARRANTIES INCLUDING ANY WARRANTIES OF MERCHANTABILITY, TITLE, NON-INFRINGEMENT AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXCLUDED. Certain merchandise may be separately warranted by the manufacturer. Seller does not adopt or ratify any manufacturer warranties, express or implied, and Seller shall have no liability thereunder. Seller does not adopt or ratify any manufacturer warranties, express or implied, made by Purchaser upon resale of the merchandise, and Seller shall have no liability thereunder.

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PURCHASER'S SOLE AND EXCLUSIVE REMEDY SHALL BE REFUND OF THE PURCHASE PRICE. SELLER'S LIABILITY, WHETHER FOR BREACH OF CONTRACT, BREACH OF WARRANTY, NEGLIGENCE, PRODUCTS LIABILITY OR ANY OTHER THEORY OF LIABILITY, IS LIMITED TO THE AMOUNT OF THE PURCHASE PRICE. UNDER NO CIRCUMSTANCES SHALL SELLER BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE, OR FOR ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES.

#### **USE RESTRICTION**

Merchandise is not intended for sale to large-scale commercial growers of herbs or vegetables. Use, transfer and/or acquisition of seed constitutes acceptance of a limited right to use the seed solely to grow a single crop for food, feed, processing or ornamental purposes. No other use is permitted. Any transfer of seed must be accompanied by this use restriction.

#### MANDATORY ARBITRATION

ANY CLAIM WHICH PURCHASER MAY HAVE AGAINST SELLER ARISING OUT OF OR RELATING TO THE SALE OF THE MERCHANDISE SHALL BE SETTLED BY BINDING ARBITRATION IN ACCORDANCE WITH THE COMMERCIAL ARBITRATION RULES OF THE AMERICAN ARBITRATION ASSOCIATION, SAID ARBITRATION TO BE VENUED IN COOK OR DUPAGE COUNTIES, ILLINOIS. The laws of several states require arbitration, conciliation or mediation of disputes involving allegedly defective seed before legal action may be taken. Purchaser should contact the State Department of Agriculture for information. Such laws typically require that a complaint be filed with the State Department of Agriculture in time to permit inspection of the seed. crops or plants. If such a complaint is filed, a copy must be sent to Seller by registered or certified mail.

## GOVERNING LAW, JURISDICTION & VENUE

The laws of the State of Illinois, including but not limited to the Uniform Commercial Code as adopted therein, shall govern all matters arising out of or relating to Seller's sale of merchandise. ANY DISPUTE NOT SUBJECT TO ARBITRATION AND ANY ACTION TO ENFORCE AN ARBITRATION AWARD ARISING OUT OF OR RELATING TO THE SALE OF MERCHANDISE HEREUNDER SHALL BE MAINTAINED IN THE STATE OR FEDERAL COURTS LOCATED IN DUPAGE OR COOK COUNTIES ILLINOIS, AND PURCHASER SUBMITS TO THE JURISDICTION OF AND VENUE IN SAID COURTS.

#### INDEMNITY

By accepting merchandise, Purchaser agrees to defend Seller, to hold it harmless and indemnify it from and against any claim or loss asserted by any or all transferees of such merchandise or users of the products of such merchandise who are not notified by Purchaser in writing of Limitation of Warranty, Limitation of Remedy, Mandatory Arbitration, Governing Law Jurisdiction and Venue, and Notice Regarding Seed-Borne Diseases in language substantially equivalent to that contained in these Terms & Conditions of Sale.

#### **PRICES**

All prices are subject to change without notice. The price in effect at time of shipment will prevail. Prices do not include installation; Seller takes no responsibility, and shall have no liability for installation. Requests to package seed in unlisted sizes will incur a charge of \$0.75 per packet. Additional processing and handling charges may be added.

#### **PAYMENT**

Payment is due in invoiced currency and in accordance with the terms specified on invoice. In the event of default in the payment of any amount when due, and in addition to all other rights and remedies available to Seller, SELLER SHALL BE ENTITLED TO COLLECT A LATE CHARGE OF 2% PER MONTH (24% PER YEAR) OR THE MAXIMUM RATE ALLOWED BY LAW, WHICHEVER IS LESS, ON ALL AMOUNTS PAST DUE FROM THE DATE DUE UNTIL THE DATE PAID. A FEE OF \$25.00 WILL BE CHARGED FOR ANY RETURNED CHECK, DECLINED EFT TRANSACTION OR DECLINED BANKCARD TRANSACTION.

## FREIGHT & HANDLING CHARGES, INSPECTION, DAMAGED GOODS

The freight and handling charge on Purchaser's invoice covers shipment of the merchandise to Purchaser's destination, and replacement or credit for damaged merchandise if the steps listed here are followed, PURCHASER WILL NOT REFUSE OR RETURN GOODS, OR THE RIGHT TO FILE A CLAIM IS LOST AND PURCHASER WILL STILL BE LIABLE FOR THE MATERIAL AND THE FREIGHT. When Purchaser receives shipment: 1) Count all cartons. 2) Inspect all cartons for external damage. 3) Check for open or resealed cartons. 4) Note any damages, shortages, open or resealed cartons on the delivery receipt; the carrier's representative must also sign the receipt. 5) Open all boxes immediately and inspect for damage due to weather-related issues, such as scorched, frozen or broken plants; material shortages; etc. NOTIFY SELLER IMMEDIATELY IF A SHIPMENT IS DAMAGED. Call the Ball Traffic Department at 800 879-BALL to report the damage and receive details on what is needed to file a claim.

#### **CANCELLATION POLICY**

Cancellations for unrooted cuttings must be received at least thirty (30) days prior to scheduled ship date.
Cancellations for liners or seed-raised plugs must be received prior to stick or sow date.

#### **NOTICE & RETURN**

Seller shall have no liability for any defect unless notice is given promptly, not to exceed thirty (30) days after such a defect is or should have been discovered. The buyer is limited to six months from the ship date. Issues that arise past six months will not be considered for credit. No merchandise may be returned without the Seller's prior written authorization. Requests to return merchandise must be made within ten (10) days after delivery. All returns must be in accordance with Seller's shipping instructions with freight paid by Purchaser. All requests for return of merchandise must be made to Ball at 800 879-BALL. The Purchaser will also be asked to provide a letter stating the reason for the return.

The order number or invoice number must accompany the return in order to expedite the credit. NOTE: No sed will be accepted without prior notification to Ball at 800 879-BALL. Effective immediately, seed that is returned without authorization will not be accepted and credit will not be

issued. For all Purchasers in the United States, a FedEx call tag will be issued upon authorization of return. There is a \$10.00 freight charge for the FedEx return. Seed must be returned in the original condition within thirty (30) days of the ship date for full credit. No open packages will be accepted. If seed is returned within thirty-one (31) to sixty (60) days after ship date, full credit will be given but a 15% restocking charge will be assessed. No credit or replacement will be given for seed returned after sixty-one (61) days from our ship date. Bécause Báll® Controlled Growth seed is perishable and has a shorter shelf life, no returns of these products will be accepted.

## DELAYS, SHORTAGES & SUBSTITUTIONS

Seller shall not be responsible for delays in delivery or for losses resulting from such delays. Seller reserves the right to make partial shipment. In the event of shortages, Seller may substitute such other, similar merchandise as is available.

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OR UNITED NATIONS SANCTIONS
PROGRAMS OR EMBARGOS
(INCLUDING BUT NOT LIMITED TO
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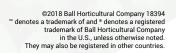














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