

# GARDEN HEIGHTS NURSERY

## TOMATOES 2019

Variety	Organic/ Heirloom	Days to Maturity	Disease Resistant	Growth Habit	Color	Size	Comments
<b>All Purpose Tomatoes</b>							
Better Boy	O	70 Days	VFNAST	I	Deep Red	1 lb+	Juicy & flavorful
Big Boy		78 Days	VF	I	Red	10 - 16 oz	Old time favorite
Black Krim	O/H	80 Days		I	Reddish Black	8 oz	Tangy and sweet
Box Car Willie	O/H	80 Days		I	Red/orange	10-16 oz	Good all season until frost
Celebrity	O	70 Days	VFFNTAST	S	Red	7 oz	Crack resistant
Cherokee Purple	O/H	80 - 90 Days		I	Pinkish Purple	8-12 oz	Unusual
Dr. Whyche's Yellow	O/H	80 Days		I	Golden Orange	10 - 16 oz	Rich tasting, meaty
Early Girl		57 Days	VFN	I	Red	4-6 oz	Heavy yields
Fourth of July		49 Days		I	Red	4 oz	Early, heavy yields
Golden Jubilee	H	72 - 80 Days		I	Orange	6 - 12 oz	Low-acid, heavy yield
Green Zebra	O/H	78 Days		I	Green Striped	2-4 oz	Vigorous, tomato flavor
Health Kick		72 Days		D	Red	4 oz	50% more lycopene
Indigo Rose	O	80 Days		I	Dark Purple	2 - 3"	High antioxidant, good flavor
Jetstar		70 Days	VF	I	Red	7 - 8 oz	Low acidity
Legend	O	68 Days		D	Red	8 oz	Resistant to blight, takes heat
Lemon Boy		72 - 75 Days	VFNAST	I	Yellow	7 - 8 oz	Sweet low-acid flavor
Marglobe	H	72 Days	VFA	D	Red	7 oz	Sweet
Mortgage Lifter	O/H	75 - 85 Days		I	Pink	1-1/2 lbs	Meaty, mild, sweet
Mr. Stripey	H	78 Days		I	Yellow, Pink-Red	1 -2 lbs	Low acid
Old German	O/H	85 Days		I	Red & Orange	1-2 lbs	Excellent slicing
Orange Oxheart		80 Days		I	Golden-Orange	3"	Meaty & delicious,
Rutgers	H	82 Days		I	Red	7 oz	Old time favorite
Sunkist	O	78 Days	VF	S	Orange	8 - 10 oz	Sweet slicer
Supersonic		79 Days	VF	I	Red	12 oz	Heavy yields
Sweet Cluster		64 Days		I	Red	4 oz	Low-acid, 6-8 per cluster
Valencia	H	75 Days		I	Orange	8-10 oz	Meaty, few seeds
<b>Beefsteak Tomatoes</b>							
Beefmaster		80 Days	VFNAST	I	Bright Red	To 2 lbs	Crack resistant
Beefsteak	O	80 Days		I	Brilliant Red	To 2 lbs	Excellent slicer

Big Rainbow	H	82 - 85 Days		I	Yellow w/Red Streaks	To 2 lbs	Beautiful sliced, juicy & sweet
Brandywine	O/H	90 - 100 Days		I	Rosy Pink	1 1/2 lbs	Best flavor
Goliath		75 - 80 Days	VFFNTAST	I	Red	1 - 3 lbs	Sweet, heavy yields
German Johnson	O/H	70 - 80 Days		I	Deep Pink	1 - 2 lbs	Flavorful, crack-free
<b>Tomatoes That Work in Containers</b>							
Better Bush		68 Days	VFN	D	Red	8 oz	Heavy yields, tasty
Bush Champion		65 Days	FVFFAST	D	Red	8-12 oz	Early, excellent flavor
Husky Red Cherry		68 Days	VFFAST	Dwarf I	Red	5-7 oz	Compact, strong stems
Mountain Princess	O/H	68 Days		D	Red	6 - 10 oz	Early, mild tomato flavor
Patio	O	70 Days	FAST	D	Red		Firm & flavorful
Pink Girl		76 Days	VTF	D	Pinkish Red	6 - 10 oz	Old fashioned flavor, low-acid
<b>Tomatoes for Canning/Paste</b>							
Amish Paste	O/H	74 Days		I	Deep Red	8 oz	Meaty, good for sauce
Roma	O	75 Days	VFA	D	Red	3"	Heavy yields
San Marzano	O	80 days		I	Bright Red	2-3"	Sweet flavor, low acidity, Italian standard
<b>Cherry Tomatoes</b>							
Black Cherry	O/H	64 Days		I	Mahogany Red	1"	Disease resistant, rich flavor
Esterina	O	60 Days	V	I	Orange	1"	Crack resistant, very sweet
Juliet	O	60 Days		I	Red	1 oz	Crack resistant
Moby Grape		70 Days		D	Red	1 oz	Sweet distinctive
Sugary Grape	O	80 Days		S	Red	2 oz	Sweetest cherry
Sungold	O	57 Days	VFTN	I	Orange	1 oz	Sweet & prolific
Super Sweet 100	O	65 Days		I	Red	1"	High In vitamin C
Yellow Pear	O/H	78 Days		I	Yellow	2"	Prolific

### DISEASE KEY:

**(F) Fusarium Wilt** Fusarium wilt symptoms begin in tomatoes as slight vein clearing on outer leaflets and drooping of leaf petioles. Later the lower leaves wilt, turn yellow and die and the entire plant may be killed, often before the plant reaches maturity. In many cases a single shoot wilts before the rest of the plant shows symptoms or one side of the plant is affected first. If the main stem is cut, dark, chocolate-brown streaks may be seen running lengthwise through the stem. This discoloration often extends upward for some distance and is especially evident at the point where the petiole joins the stem. **FF=Fusarium Wilt Races 1 and 2**

**(V) Verticillium Wilt** Verticillium wilt symptoms on tomatoes are similar to those of Fusarium wilt. Often no symptoms are seen until the plant is bearing heavily or a dry period occurs. The bottom leaves become pale, then tips and edges die and leaves finally die and drop off. V-shaped lesions at leaf tips are typical of Verticillium wilt of tomato. Infected plants usually survive the season but are somewhat stunted and both yields and fruits may be small depending on severity of attack.

**(N) Nematodes** Plant parasitic nematodes, are small microscopic roundworms which live in the soil and attack the roots of plants. Yield reductions can be extensive but vary significantly between plant and nematode species. In addition to the direct crop damage caused by nematodes, many of these species have also been shown to predispose plants to infection by fungal or bacterial pathogens or to transmit virus diseases, which contributes to additional yield reductions.

**(T) Tobacco Mosaic Virus** The foliage shows mosaic (mottled) areas with alternating yellowish and dark green areas. Leaves are sometimes fern-like in appearance and sharply pointed. Infections of young plants reduce fruit set and occasionally cause blemishes and distortions of the fruit. The dark green areas of the mottle often appear thicker and somewhat elevated giving the leaves a blister-like appearance.

**(A) Alternaria Stem Canker** Symptoms appear on stems, leaves, and fruit. Dark brown to black cankers with concentric zonation occur on stems near the soil line or above ground. Cankers enlarge, girdle the stem before harvest, and kill the plants. Vascular tissue about 2 inches above and below the cankers exhibit brown streaks. Dark brown to black areas of dead tissue between leaf veins are caused by a toxin produced by the fungus.

**(St) Stemphylium Grey Leaf Spot** The disease is limited to the leaf blades. The fungus infects plants from the earliest seedling stage to maturity. Initial symptoms include one to several minute brownish black specks that appear on both surfaces of the leaf. The area changes in color from brownish black to grayish brown, as the spots enlarge and these centers crack and partially drop out to give the leaf a shot-hole appearance. The entire leaf then turns yellow, droops, and eventually dies.

#### **GROWTH HABIT KEY:**

**(D) Determinate** means short vines, bushlike, compact, terminal blossom clusters (meaning the top of the stem usually is flowers not foliage). Most produce fruits in a short time span while others may produce all season.

**(I) Indeterminate** means long vines, subterminal blossom clusters (meaning flowers occur along the sides of the stem), usually produce well until frost.

**(S) Semi-determinate-means** a happy medium between the above two. Staking these is a good idea.



