Tomato

TM318-10 - 1884 Tomato Seeds

85 days. Solanum lycopersicum. Open Pollinated. 1884 Tomato. The plant produces excellent yields of 1 to 2 lb dark pink beefsteak tomatoes. They are very sweet, meaty, juicy, and flavorful. It has a rich old fashioned tomato flavor. Perfect for salads, slicing, and sandwiches. The variety was supposedly discovered after the Great Flood of 1884. It has survived the flood because of the huge tomato the plant had produced in



great numbers. An excellent choice for home gardens. An 1884 heirloom variety from Friendly, West Virginia, USA. Indeterminate.

TM382-20 - Abraham Lincoln Original Tomato Seeds

87 days. Solanum lycopersicum. Open Pollinated. Abraham Lincoln Original Tomato. The plant produces good yields of 1 Ib dark red tomatoes. They are very sweet, meaty, juicy, and flavorful. Perfect for making ketchup, tomato juice, sandwiches, salads, slicing, and canning. This is the original strain of the Abraham Lincoln Tomato. Also known as Early Abraham Lincoln Tomato and Abe Lincoln Tomato.



Crack Resistant. An excellent choice for home gardens. A 1923 heirloom variety from Buckbee Seed Company, Rockford, Illinois, USA. Indeterminate.

TM2-20 - Amana Orange Tomato Seeds

90 days. Solanum lycopersicum. Open Pollinated. Amana Orange Tomato. The plant produces good yields of large 1 to 2 lb orange beefsteak tomatoes. They are sweet and flavorful. Perfect for salads, sandwiches, slicing, and culinary creations. Low acidity variety. Excellent choice for home gardens. An heirloom variety from Florida, USA. Indeterminate.



TM3-20 - Amish Paste Tomato Seeds

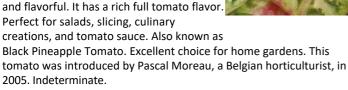
85 days. Solanum lycopersicum. Open Pollinated. Amish Paste Tomato. The plant produces high yields of 8 to 12 oz red plumshaped tomatoes. They are sweet, juicy, meaty, and very flavorful. It has a rich full tomato flavor. Perfect for salads, soups, ketchup, canning, and for making sauce, puree, and paste. One of the largest paste tomatoes! Grows in clusters of 2 to 4. An excellent choice for home gardens. An



heirloom variety dating back to the 1900s from the Amish community near Lancaster, Pennsylvania, USA. United States Department of Agriculture, G 33010. Indeterminate.

TM499-20 - Ananas Noir Tomato

85 days. Solanum lycopersicum. Open Pollinated. The plant produces heavy yields of 1 to 1 ½ lb bi-colored dark purple and green beefsteak tomato with pink-red splotches and a touch of yellow. The interior color is a mix of pink, red, green, and yellow colors. They are very sweet, meaty, juicy, and flavorful. It has a rich full tomato flavor. Perfect for salads, slicing, culinary creations, and tomato sauce. Also known as



TM723-20 - Aunt Gertie's Gold Tomato

75 days. Solanum lycopersicum. Open Pollinated. The plant produces good yields of 1 lb golden-yellow tomatoes. They are delicious with a wonderfully fruity and sweet flavor. This is not only one of the best-tasting yellow tomatoes, but it is one of the best-tasting tomatoes of any color. This is a potato leaf variety. Perfect for salads and sandwiches. Excellent choice for home gardens. An heirloom variety from Virginia, USA. Indeterminate.



TM323-20 - Aunt Ginny's Purple Tomato Seeds

85 days. Solanum lycopersicum. Open Pollinated. Aunt Ginny's Purple Tomato. The plant produces high yields of 12 to 16 oz deep pink beefsteak tomatoes. They are equal to or better than the Brandywine Tomato. It has a rich tomato flavor and is very juicy. Perfect for sandwiches, salads, and slicing. Mostly smooth in shape and very little cracking. This is a potato leaf plant variety. Excellent choice for home



gardens. An heirloom variety from Germany. Indeterminate.

TM337-20 - Aussie Tomato

85 day. Solanum lycopersicum. Open Pollinated. The plant produces good yields of large 1 to 2 lb red beefsteak tomatoes. They are very sweet and flavorful and have the old-fashioned tomato taste. Perfect for sandwiches, salads, and slicing. Impress your friends and try growing a giant tomato in your garden. Excellent choice for home gardens. An heirloom variety from Australia. Indeterminate.



TM8-20 - Beefmaster Tomato Seeds

80 days. Solanum lycopersicum. (F1) Beefmaster Tomato. The plant produces enormous yields of large 1 to 2 lb bright red beefsteak tomatoes. These high quality tomatoes are sweet, meaty, and very flavorful. Perfect for sandwiches, salads, and slicing. The plant requires support, either staking or cages. Crack Resistant. One of the most disease resistant tomato varieties available. An excellent choice for home

slicing. The plant requires support, either staking or cages. Crack Resistant. One of the most disease resistant tomato varieties available. An excellent choice for home gardens and market growers. Disease Resistant: V, F, N, A, St, TSWV. Indeterminate.

TM744-20 - Beefsteak Determinate Tomato Seeds

80 days. Solanum lycopersicum. Open Pollinated. Beefsteak Determinate Tomato. The plant produces good yields of extremely large 1 to 2 lbs red beefsteak tomatoes. They are solid, juicy, and meaty. Perfect for sandwiches, salads, and slicing. Suitable for hydroponics gardening. An excellent choice for home gardens. Disease Resistant: F, N. Determinate.



TM9-20 - Beefsteak Indeterminate Tomato Seeds

80 days. Solanum lycopersicum. Open Pollinated. Beefsteak Indeterminate Tomato. The plant produces good yields of extremely large 1 to 2 lb red beefsteak tomatoes. They are solid, juicy, and meaty. Perfect for sandwiches, salads, and slicing. An excellent choice for home gardens. United States Department of Agriculture, PI 644736. Disease Resistant: F, N. Indeterminate.



TM743-20 - Beefsteak Pink Tomato Seeds

90 days. Solanum lycopersicum. Open Pollinated. Beefsteak Pink Tomato. The plant produces good yields of extremely large 2 to 3 lb pink beefsteak tomatoes. They are solid, juicy, and meaty. Perfect for sandwiches, salads, and slicing. An excellent choice for home gardens. Indeterminate. A variety from the USA.



TM493-20 - Beefsteak Rainbow Mix Tomato Seeds

85 days. Solanum lycopersicum. Open Pollinated. Beefsteak Rainbow Mix Tomato. The plant produces high yields of an assorted mix of beefsteak tomatoes. Includes 10 different varieties of beefsteak tomatoes in various colors, shapes, and sizes. It contains a full spectrum of colors, pink, red, yellow, green, black, and orange, ranging from 12 oz to 3 lbs. An excellent choice for home gardens. Indeterminate.



TM742-20 - Beefsteak Yellow Tomato

90 days. Solanum lycopersicum. Open Pollinated. The plant produces good yields of extremely large 2 lb yellow beefsteak tomatoes. They are solid, juicy, and meaty. Perfect for sandwiches, salads, and slicing. An excellent choice for home gardens. Indeterminate.



TM314-20 - Believe It or Not Tomato Seeds

85 days. Solanum lycopersicum. Open Pollinated. Believe It or Not Tomato. The plant produces good yields of 1 to 2 lb bright red beefsteak tomatoes. They are very sweet, very juicy, and flavorful. These tomatoes are smooth in shape which is very unusual for an extra-large tomato. Perfect sandwich tomato and for making tomato juice. An excellent choice for home gardens. An heirloom variety from the USA. Indeterminate.



TM843-10 - Big League Tomato Seeds

47 days. Solanum lycopersicum. (F1) Big League Tomato. This early maturing plant produces good yields of 14 to 21 oz red beefsteak tomatoes. They are very flavorful. Perfect for sandwiches, salads, and slicing. The plants will need support because of the weight of the tomatoes. Suitable for large containers and patio gardening. Also great for greenhouse production. An excellent choice for home gardens. Determinate.



TM256-10 - Big Mama Tomato Seeds

80 days. Solanum lycopersicum. (F1) Big Mama Tomato. The plant produces heavy yields of enormous 5" long by 3" wide red plum-shaped tomatoes. They are very flavorful, very meaty, and have very few seeds. This variety is easy to peel and core. One of the best varieties for making Italian paste, puree, sauce, soups, and salsa. An excellent choice for home gardens. Indeterminate.



TM230-20 - Big Rainbow Tomato

85 days. Solanum lycopersicum. Open Pollinated. The plant produces good yields of 1 to 2 lb bi-colored beefsteak tomatoes. They have a fruity sweet flavor and turn to golden yellow and red when mature. The yellow tomato has neon red streaking through the flesh. Perfect for salads and garnishes. Crack Resistant. Excellent choice for home gardens. A family heirloom variety from Germany. Indeterminate.



TM228-20 - Big Zac Tomato Seeds

80 days. Solanum lycopersicum. (F1) Big Zac Tomato. The plant produces good yields of very large 4 to 6 lb size red beefsteak tomatoes. They turn glossy red when mature. Perfect for sandwiches, salads, and slicing. Developed by Minnie Zaccaria of New Jersey by crossing two heirloom varieties. It won the New Jersey Championship in 1995 and 1997 and won the Week's Giant Growers Contest in 1998.



Try growing the biggest prize winning Giant Tomato you will ever see. An excellent choice for home gardens. Indeterminate.

TM699-20 - Boondocks Tomato

80 days. Solanum lycopersicum. Open Pollinated. The plant produces high yields of 1 to 2 lb deep pink beefsteak tomatoes. It has a superb, rich flavor, high in both sugar and acid. They are similar to the Brandywine Tomato. Perfect for sandwiches, salads, and slicing. A potato leaf variety. Excellent choice for home gardens. An heirloom variety from New York, USA. Indeterminate.



TM942-10 - Boy-Oh-Boy Tomato Seeds

75 days. Solanum lycopersicum. (F1) Boy-Oh-Boy Tomato. The plant produces good yields of extremely large 1 to 2 lbs of red beefsteak tomatoes. They are solid, juicy, and meaty. Perfect for sandwiches, salads, and slicing. It performs well and is widely adaptable to various weather conditions. An excellent choice for greenhouses and home gardens. A variety from the USA. Indeterminate.



TM802-10 - Brandywine Liam's Tomato Seeds

80 days. Solanum lycopersicum. Open Pollinated. Brandywine Liam's Tomato. The plant produces good yields of 1 to 2 lb pink beefsteak tomatoes. Very flavorful. Perfect for sandwiches, salads, and slicing. These tomatoes are a cross between a Brandywine Tomato and a Luck Cross Tomato. An excellent choice for home gardens. An heirloom variety from Pennsylvania, USA. Indeterminate.



TM20-20 - Brandywine Pink Tomato

85 days. Solanum lycopersicum. Open Pollinated. The plant produces good yields of 1 to 1½ lb pinkish-red beefsteak tomatoes. It has a rich old-fashioned tomato flavor. This variety won several taste testing awards and is one of the best-tasting tomatoes in the world. Perfect for sandwiches, salads, and slicing. A potato leaf variety. An excellent choice for home gardens. An Amish heirloom variety from the USA dating back to 1885. United States Depar



USA dating back to 1885. United States Department of Agriculture, PI 639209. Indeterminate.

TM22-20 - Brandywine Yellow Tomato Seeds

90 days. Solanum lycopersicum. Open Pollinated. Brandywine Yellow Tomato. The plant produces good yields of large 1 to 1 ½ lb yellow beefsteak tomatoes. It has a rich old fashioned tomato flavor. Perfect for sandwiches, salads, and slicing. Some say it's better tasting than Pink Brandywine Tomato. The plant has potato leaf foliage. An excellent choice for home gardens. An heirloom variety from Charles Knoy of Indiana, USA. Indeterminate.



TM26-10 - Burpee Supersteak Tomato Seeds

80 day. Solanum lycopersicum. (F1) Burpee Supersteak Tomato. The plant produces high yields of large 1 to 2 lb red beefsteak tomatoes. It has the rich old fashioned beefsteak tomato flavor. They are juicy, meaty, and very flavorful. Perfect for sandwiches, salads, and slicing. Crack Resistant. An excellent choice for home gardens. Disease Resistant: VFN. Indeterminate



TM697-20 - Chapman Tomato

80 days. Solanum lycopersicum. Open Pollinated. The plant produces high yields of large 1 to 2 lb deep red beefsteak tomatoes. They are meaty and very delicious. Unlike other beefsteak varieties, this plant yields plenty of huge tomatoes continuously all season long. Perfect for sandwiches, salads, and slicing. Excellent choice for home gardens. An heirloom variety from Cindy Tibbetts of Turner, Maine, USA. Indeterminate.



TM748-10 - Cherokee Chocolate Tomato

80 days. Solanum lycopersicum. Open Pollinated. The plant produces high yields of 10 to 16 oz brownish-red mahogany beefsteak tomatoes. They grow in clusters of 2 to 4 tomatoes. It has a rich old-fashioned tomato flavor. It is tastier, juicier, and more productive than its sister variety, the Cherokee Purple Tomato. A cross between using the Cherokee Purple tomato and an heirloom variety. Perfect for sandwiches,



salads, and slicing. The plant requires support, either staking or cages. An excellent choice for home gardens. An heirloom was developed in 1995 by Craig LeHoullier of Tennessee, USA. Disease Resistant: V, F. Indeterminate.

TM952-10 - Chuck's Yellow Beefsteak Tomato Seeds

85 days. Solanum lycopersicum. Open Pollinated. Chuck's Yellow Beefsteak Tomato. The plant produces good yields of large 1 - 2 lb beefsteak tomatoes. These beautiful yellow orange tomatoes are very sweet, juicy, and flavorful. A low acid tomato. It is named after the seedsman Chuck Wyatt. Excellent for salads, sandwiches, and slicing tomato. An excellent choice for home gardens. A variety from the USA. Indeterminate.



TM696-20 - Church Tomato

85 days. Solanum lycopersicum. Open Pollinated. The plant produces high yields of I to 2 lb red beefsteak tomatoes. It has a rich old-fashioned tomato flavor. Perfect for sandwiches, salads, and slicing. It produces so many tomatoes that you may need to use some to make a rich sauce. An excellent choice for home gardens. An heirloom variety from the Church family of Hot Springs, Virginia, USA. Indeterminate.



TM255-10 - Comstock Sauce & Slice Tomato

90 days. Solanum lycopersicum. Open Pollinated, The plant produces good yields of 1 lb deep red Roma tomatoes. This is probably one of the best paste tomatoes on the market. It is meaty, has few seeds, and is very delicious. Excellent for salads, sandwiches, paste, and sauces. Our customers say that this is the best paste tomato they grew. An excellent choice for home gardens, farmer's markets, and



market growers. An 1800s heirloom variety from Italy. Indeterminate.

TM472-20 - Country Taste Tomato

70 days. Solanum lycopersicum. (F1) This early maturing plant produces high yields of large 1 lb deep red beefsteak tomatoes. They are meaty, juicy, and very flavorful. It has a rich old-fashioned tomato flavor. Perfect for sandwiches, salads, slicing, and sauces. One of the best beefsteak varieties on the market. Crack Resistant. An excellent choice for home gardens and market growers. Disease Resistant: V, FF, TMV. Indeterminate.



TM695-20 - Coustralee Tomato

85 days. Solanum lycopersicum. Open Pollinated. The plant produces high yields of large 1 to 3 lb red beefsteak tomatoes. They are very flavorful. It has a rich old-fashioned tomato flavor. Perfect for sandwiches, salads, and slicing. Excellent choice for home gardens. An heirloom variety from Norbert Pairerra of Hellimer, France. Indeterminate.



TM694-20 - Crnkovic Yugoslavian Tomato Seeds

85 days. Solanum lycopersicum. Open Pollinated. Crnkovic Yugoslavian Tomato. The plant produces heavy yields of 1 to 2 lb pink beefsteak tomatoes. They are sweet and very delicious. Perfect for sandwiches, salads, and slicing. Crack Resistant. An excellent choice for home gardens. An heirloom variety from Yasha Crnkovic of Yugoslavia. Indeterminate.



TM41-20 - Delicious Tomato Seeds

77 day. Solanum lycopersicum. Open Pollinated. Delicious Tomato. The plant produces good yields of 1 to 2 lb scarlet red beefsteak tomatoes. You might even get one that exceeds 3 lbs. They are meaty, juicy, and very delicious. It has a rich oldfashioned tomato flavor. Perfect for sandwiches, salads, slicing, tomato juice, and canning. This tomato held the Guinness World Record as the largest tomato ever grown at 7.75 pounds for over 28 years! One or tomatoes. It has very few seeds. Impress your results and the services of the services and the services of the services



grown at 7.75 pounds for over 28 years! One of our best-selling tomatoes. It has very few seeds. Impress your neighbors and try growing a World Record size tomato! Stores well for weeks. Crack Resistant. An excellent choice for home gardens. An heirloom variety from Pennsylvania, USA. United States Department of Agriculture, PI 639212. Indeterminate.

TM832-20 - Dester Tomato

80 days. Solanum lycopersicum. Open Pollinated. The plant produces heavy yields of 1 to 2 lb pink beefsteak tomatoes. They have a rich sweet flavor and have won numerous taste test competitions. Perfect for canning, salads, slicing, and sandwiches. Excellent choice for home gardens. An heirloom variety originating from Germany and brought to the USA by Dr. Herbert Edgar Dester. Indeterminate.



TM531-20 - Dinner Plate Tomato

90 days. Solanum lycopersicum. Open Pollinated. The plant produces heavy yields of large 1 ½ to 2 lb scarlet red beefsteak tomatoes. They are so large that one slice can fill a dinner plate. Very delicious and flavorful. Perfect for sandwiches, salads, and slicing. An excellent choice for home gardens. An heirloom variety. Indeterminate.



TM178-20 - Dixie Golden Giant Tomato Seeds

85 days. Solanum lycopersicum. Open Pollinated. Dixie Golden Giant Tomato. The plant produces good yields of large 1 to 2 lb golden yellow beefsteak tomatoes. They are sweet and very delicious with a fruity flavor. Perfect for sandwiches, salads, slicing, or culinary creations. An excellent choice for home gardens and specialty market growers An Amish heirloom variety from the USA dating back to the 1930s. United States Department of Agriculture, PI 645322. Indeterminate.

TM435-20 - Flame Tomato

85 days. Solanum lycopersicum. Open Pollinated. The plant produces good yields of 1 to 2 lb orange-yellow tomatoes streaked with red. They are very sweet, juicy, meaty, and very flavorful. Perfect for salads, sandwiches, sauces, and garnishes. Very beautiful when sliced. The name Flame is very fitting as these red and orange streaked tomatoes look as if they are on fire. Low acidity variety. An excellent choice



for home gardens. An heirloom variety from West Virginia dating back to the 1880s. Indeterminate.

TM691-10 - Florida Pink Tomato Seeds

85 days. Solanum lycopersicum. Open Pollinated. Florida Pink Tomato. The plant produces high yields of 1 to 3 lb pink beefsteak tomatoes. They are smooth and deliciously sweet. Perfect for sandwiches, salads, and slicing. Plant sets tomatoes well at high temps. Heat Tolerant. Crack Resistant. An excellent choice for home gardens. A variety from the USA.



Lot No: 2478-OG

Germination: 85%

Test Date: 01/24

TM180-20 - Georgia Streak Tomato Seeds

90 days. Solanum lycopersicum. Open Pollinated. Georgia Streak Tomato. The plant produces good yields of 1 to 2 lb bi-colored beefsteak tomatoes. It turns golden yellow with red streaks when mature. They are very sweet, juicy, and flavorful. Perfect for sandwiches, salads, and slicing. An excellent choice for home gardens. An heirloom variety from Georgia. Indeterminate.



TM404-10 - German Giant Tomato Seeds

77 days. Solanum lycopersicum. Open Pollinated. German Giant Tomato. The plant produces good yields of 1 to 2 lb deep pink tomatoes. They are smooth in shape and are very flavorful, similar to the Brandywine varieties. Perfect for sandwiches, salads, and slicing. A potato leaf variety. An excellent choice for home gardens. A rare heirloom variety from Germany. Indeterminate.



TM532-20 - German Head Tomato

85 days. Solanum lycopersicum. Open Pollinated. The plant produces good yields of large 1 to 2 lb dark pink beefsteak tomatoes. They are very sweet, juicy, and flavorful. Perfect for sandwiches, salads, and slicing. Crack-Resistant. An excellent choice for home gardens and market growers. An heirloom variety from Germany. Indeterminate.



TM147-20 - German Pink Tomato

85 days. Solanum lycopersicum. Open Pollinated. The plant produces good yields of 1 to 2 lb pink beefsteak tomatoes. They are very sweet, meaty, and flavorful. Perfect for sandwiches, salads, slicing, canning, freezing, and making paste and tomato juice. It has very few seeds. A potato leaf variety. Crack Resistant. An excellent choice for home gardens. An 1883 heirloom variety from Diane Ott Whealy's family from Germany. Indeterminate.



TM316-20 - German Queen Tomato Seeds

80 days. Solanum lycopersicum. Open Pollinated. German Queen Tomato. The plant produces good yields of 1 to 2 lb pink beefsteak tomatoes. They are very sweet, meaty, and flavorful. It has a rich old fashioned tomato flavor. Perfect for sandwiches, salads, and slicing. A potato leaf variety. Suitable for hydroponics gardening. The plant requires support, either staking or cages. An excellent choice for



home gardens. An heirloom variety from Germany. Indeterminate.

TM50-20 - Giant Belgium Tomato Seeds

85 days. Solanum lycopersicum. Open Pollinated. Giant Belgium Tomato. The plant produces good yields of huge 1 lb to 2 lb dark pink beefsteak tomatoes. They are very sweet, juicy, meaty, and flavorful. Perfect for sandwiches, salads, slicing, cooking, and canning. So huge you only need one slice per sandwich. It has been known to grow to an enormous 5 lbs. Low acidity variety. An excellent choice for



home gardens. A 1930s heirloom variety from Ohio, USA. Indeterminate.

TM397-20 - Giant Belgium Yellow Tomato Seeds

85 days. Solanum lycopersicum. Open Pollinated. Giant Belgium Yellow Tomato. The plant produces good yields of giant 2 to 5 lb golden yellow beefsteak tomatoes. They are very tasty. Perfect for sandwiches, salads, slicing, and canning. Low acidity variety. An excellent choice for home gardens. An heirloom variety from the USA. Indeterminate.



TM51-20 - Giant Oxheart Tomato Seeds

90 days. Solanum lycopersicum. Open Pollinated. Giant Oxheart Tomato. The plant produces high yields of 1 to 2 lb pinkish-red tomatoes. They are firm, meaty, and very flavorful. Perfect for stuffing or making puree and sauces. These heart-shaped tomatoes grow in clusters of 2 to 7. An excellent choice for home gardens. A 100year-old heirloom variety from the USA. United States Department of Agriculture, PI 645197. Indeterminate.



TM303-10 - Giant Syrian Tomato Seeds

80 days. Solanum lycopersicum. Open Pollinated. Giant Syrian Tomato. The plant produces high yields of 1 to 3 lb pinkish red beefsteak tomatoes. They are meaty and very flavorful. Perfect for salads. sandwiches, slicing, sauce, paste, and canning. A good tomato for hot, humid regions. Excellent choice for home gardens. A variety from West Virginia, USA. Indeterminate.



TM466-20 - Giant Tree Tomato Seeds

90 days. Solanum lycopersicum. Open Pollinated. Giant Tree Tomato. The plant produces high yields of 1 to 2 lb pinkish red tomatoes. They are very sweet, meaty, juicy, and flavorful. Perfect for sandwiches, salads, and slicing. The plant requires support, either staking or cages. Excellent choice for home gardens. United States Department of Agriculture, PI 644750. Indeterminate.



TM345-20 - Gold Medal Tomato

75 days. Solanum lycopersicum. Open Pollinated. The plant produces good yields of 1 to 2 lb bi-colored orange-yellow beefsteak tomatoes with some rosy-red coloring. It has a rich old-fashioned tomato flavor. They are very sweet, juicy, and flavorful. Very lovely and beautiful tomato! Also known as Ruby Gold Tomato. Perfect for sandwiches, salads, and slicing. An excellent choice for home gardens. An heirloom variety. Indeterminate.



TM668-20 - Goldie Tomato Seeds

75 days. Solanum lycopersicum. Open Pollinated. Goldie Tomato. The plant produces good yields of huge 1 lb to 2 lb golden yellow beefsteak tomatoes. They are very sweet, juicy, and flavorful. One of the best orange tomatoes. Perfect for sandwiches, salads, and slicing. It is a yellow version of the Giant Belgium Tomato. An excellent choice for home gardens. An heirloom variety. Indeterminate.



TM107-20 - Goliath Old Fashioned Tomato Seeds

78 days. Solanum lycopersicum. (F1) Goliath Old Fashioned Tomato. The plant produces good yields of 1 to 2 lb red tomatoes. They are very sweet, juicy, and flavorful. It has all the flavor of a fine heirloom variety. Perfect for salads, slicing, and sandwiches. An excellent choice for home gardens. Disease Resistant: V, F, LB. Indeterminate.



TM589-20 - Goliath Tomato

85 days. Solanum lycopersicum. Open Pollinated. The plant produces high yields of 1 lb to 3 lb red beefsteak tomatoes. They are very sweet and flavorful. Perfect for sandwiches, burgers, salads, and slicing. One of the best early giant tomato varieties on the market. It is larger and more disease resistant than the Whopper Improved Tomato and other Giant Tomato varieties. This is a huge plant that produces 70 or



more from each plant. The plant requires support, either staking or cages. An excellent choice for home gardens. An heirloom variety dating back to the late 1800s. United States Department of Agriculture, G 33050. Disease Resistant: V, FF, TMV. Indeterminate.

TM756-20 - Granny Cantrell's German Tomato Seeds

85 days. Solanum lycopersicum. Open Pollinated. Granny Cantrell's German Tomato. The plant produces heavy yields of large 1 to 2 lbs pinkish-red beefsteak tomatoes. It has a rich old-fashioned tomato flavor. Perfect for sandwiches, salads, and slicing. Also great for eating fresh right off the vine, cooking, or canning. A tomato was grown by Lettie Cantrell of West Liberty in the 1940s. Her tomato was voted best-



tasting flavor at the 2010 Monticello Tomato Tasting Fall Festival. The plant requires support, either staking or cages. Excellent choice for home gardens. An heirloom variety from Kentucky, USA. Indeterminate.

TM333-20 - Hawaiian Pineapple Tomato

93 day. Solanum lycopersicum. Open Pollinated. The plant produces high yields of 1 to 2 lb bi-colored yellow-orange beefsteak tomatoes with pinkish streaks. It is fruity, sweet, and rich in pineapple-like flavor. Perfect for sandwiches, salads, slicing, and gourmet dishes. An excellent choice for home gardens. An heirloom variety from the USA. Indeterminate.



TM374-10 - Henderson's Winsall Tomato

90 days. Solanum lycopersicum. Open Pollinated. The plant produces good yields of large 1 to 2 lb pink beefsteak tomatoes. They are very sweet and flavorful. Perfect for sandwiches, salads, and slicing. One of the most favored tomato varieties and won approval from 40,000 people. Also known as the Number 400 Tomato and the Winsall Tomato. This is the original stock seed from the USDA Seed Bank. Excellent choice for



home gardens. An heirloom from the Henderson Seed Company dating back to 1924. United States Department of Agriculture, PI 644794. Indeterminate.

TM61-20 - Hillbilly Tomato

85 days. Solanum lycopersicum. Open Pollinated. The plant produces heavy yields of 1 to 2 lb bi-colored orange-yellow beefsteak tomatoes with red and pink streaks. They are very sweet, juicy, and flavorful. Perfect for sandwiches, salads, and slicing. Low acidity variety. A potato leaf variety. The plant requires support, either staking or cages. An excellent choice for home gardens. An heirloom from West Virginia, USA. Indeterminate.



TM298-20 - Hungarian Heart Tomato Seeds

85 days. Solanum lycopersicum. Open Pollinated. Hungarian Heart Tomato. The plant produces high yields of 1 lb pinkish red heart shaped tomatoes. They are very sweet and flavorful. Perfect for slicing, roasting, sauce, paste, and canning. Crack Resistant. Excellent choice for home gardens. An heirloom variety from Budapest, Hungary. Indeterminate.



TM216-20 - Italian Giant Beefsteak Tomato

85 days. Solanum lycopersicum. Open Pollinated. The plant produces high yields of 1 lb deep red beefsteak tomatoes. They are very sweet, meaty, juicy, and flavorful. Perfect for salads, sandwiches, salsas, sauces, and Italian dishes. The plant requires support, either staking or cages. An excellent choice for home gardens. An heirloom variety from Italy was brought to the USA over 80 years ago. Indeterminate.



TM690-20 - Italian Sweet Tomato

85 days. Solanum lycopersicum. Open Pollinated. The plant produces good yields of 3 lb red beefsteak tomatoes. It has a rich old-fashioned tomato flavor. They are very sweet, juicy, and flavorful. Perfect for sandwiches, salads, and slicing. A potato leaf variety. An excellent choice for home gardens. Indeterminate.



TM186-20 - Kellogg's Breakfast Tomato Seeds

85 days. Solanum lycopersicum. Open Pollinated. Kellogg's Breakfast Tomato. The plant produces excellent yields of 1 to 2 lb bright orange beefsteak tomatoes. They are very sweet, meaty, juicy, and flavorful. Perfect for sandwiches, salads, and slicing. An excellent choice for home gardens. An heirloom variety from Darrell Kellogg and originating from West Virginia, USA. Indeterminate.



TM214-20 - Kentucky Beefsteak Tomato

85 days. Solanum lycopersicum. Open Pollinated. The plant produces good yields of 1 to 2 lb orange beefsteak tomatoes. These giant tomatoes are meaty, juicy, and flavorful. Perfect for sandwiches, salads, and slicing. An excellent choice for home gardens. An heirloom variety from Kentucky, USA. Indeterminate.



TM704-20 - Kosovo Tomato Seeds

75 days. Solanum lycopersicum. Open Pollinated. Kosovo Tomato. The plant produces good yields of large 1 to 2 lb deep pink tomatoes. The tomatoes are heartshaped, sweet, meaty, solid, and juicy. Perfect for sandwiches, salads, slicing, or making a great tomato sauce. An excellent choice for home gardens. This variety was brought back by a former United Nations worker in Kosovo. Indeterminate.



TM326-20 - Mammoth German Gold Tomato

85 days. Solanum lycopersicum. The plant produces good yields of large 2 lb deep golden tomatoes with red streaks. It is distinctive from other bi-colored tomatoes as it is orange with red streaks. A very flavorful tomato with a balance of sweetness and acid taste. Excellent gourmet variety. An heirloom variety from the USA dating back to the 1800s. Indeterminate.



TM402-20 - Marianna's Peace Tomato

80 days. Solanum lycopersicum. Open Pollinated. The plant produces good yields of 1 to 2 lb pinkish-red beefsteak tomatoes. One of the best-tasting tomatoes on the market. The tomato is very delicious with a rich old tomato flavor. Perfect for salads, slices, and sandwiches. A potato leaf variety. Suitable for hydroponics gardening. Excellent choice for home gardens. An heirloom variety from the Marianne



Worschech Tibbetts family who were farmers from Bohemia, now the Czech Republic. Indeterminate.

TM732-20 - Marvel Stripe Tomato

85 days. Solanum lycopersicum. Open Pollinated. The plant produces good yields of 1 to 2 lb bi-colored yellow-orange beefsteak tomatoes with red-colored streaking. They are sweet and have a fruity flavor. It is one of the gardeners' favorite bi-colored tomatoes because of its beauty, size, and taste. Perfect for salads and sandwiches. Heat-Tolerant. Drought-Tolerant. Always a great seller at Farmer's



Markets! Excellent choice for home gardens and market growers. An heirloom variety from the Zapotec people of from Oaxaca, Mexico. Indeterminate.

TM235-20 - Mega Tom Tomato

79 days. Solanum lycopersicum. Open Pollinated. The plant produces heavy yields of huge 2 lb red tomatoes. They are very sweet, juicy, and flavorful. Perfect for sandwiches, burgers, salads, and slicing. Impress your neighbors by growing a huge tomato. An excellent choice for home gardens. Indeterminate.



TM250-20 - Mexico Tomato

80 days. Solanum lycopersicum. Open Pollinated. The plant produces large yields of 1 to 2 lb dark pink beefsteak tomatoes. They are very sweet, meaty, juicy, and flavorful. Perfect for salads, slicing, and sandwiches. The plant keeps producing continuously throughout the season. Always a great seller at Farmer's Markets! An excellent choice for home gardens and market growers. An heirloom variety brought into the USA by a Mexican family. Indeterminate.



TM82-20 - Mortgage Lifter Tomato Seeds

85 days. Solanum lycopersicum. Open Pollinated. Mortgage Lifter Tomato. The plant produces heavy yields of 1 to 2 lb pink beefsteak tomatoes. They are very sweet, meaty, juicy, and flavorful. It has a rich tomato flavor. Perfect for salads, slicing, and sandwiches. This variety was developed in the 1930s by Mr. Byles of Logan, WV to help pay off his home mortgage. He was able to pay off his \$6,000 mortgage in 6 years by selling the plants for \$1 each. He crossed a German Johnson, a Beefsteak, and an Italian & English variety to come up with this unique variety. An excellent choice for home gardens. A family heirloom variety from Logan, West Virginia, USA. United States Department of Agriculture, PI 647467. Disease Resistant: V, F, N. Indeterminate.

TM909-10 - Mountain Rouge Tomato

2019 All-America Selections Winner!

72 days. Solanum lycopersicum. (F1) This early maturing plant produces heavy yields of 12 to 14 oz beefsteak pink tomatoes. Some tomatoes grow up to 2 lbs size! One of the best-tasting tomatoes on the market. It has a delicious flavor with just the right balance of acid and sugar. Perfect for sandwiches, salads, slicing, and canning.

Performs especially well in cooler climates. An excellent choice for home gardens and market growers. Disease Resistant: F, V, N, LB. Indeterminate. (Pelleted Seeds)



TM87-20 - Mr Stripey Tomato Seeds

80 days. Solanum lycopersicum. Open Pollinated. Mr Stripey Tomato. The plant produces good yields of large 1 to 2 lb bicolored orange yellow beefsteak tomatoes with red stripes. No two tomatoes are ever the same. They are very sweet, juicy, and flavorful. Perfect for salads, slicing, and sandwiches. Low acidity variety. The plant requires support, either staking or cages. An excellent choice for home gardens. An



heirloom from Virginia, USA, dating back to the 1800s. Indeterminate.

TM96-20 - Old German Tomato

85 days. Solanum lycopersicum. Open Pollinated. The plant produces good yields of 1 ½ to 2 lb bi-colored yellow beefsteak tomatoes with red and pink stripes. It is one of the best slicing tomatoes on the market. They are delicious, beautiful, very sweet, meaty, juicy, and flavorful. Perfect for salads, garnishes, or culinary creations. The plant requires support, either staking or cages. A potato leaf variety. An excellent choice for home gardens. A Mennonite heirle

choice for home gardens. A Mennonite heirloom from Virginia's Shenandoah Valley, USA. United States Department of Agriculture, PI 647528. Indeterminate.



TM233-20 - Omar's Lebanese Tomato

80 days. Solanum lycopersicum. Open Pollinated. The plant produces excellent yields of 1 to 2 lb pink beefsteak tomatoes. They are very sweet, meaty, juicy, and flavorful. Perfect for sandwiches, burgers, salads, and slicing. Excellent choice for home gardens. An heirloom variety from Omar Saab of Lebanon. Indeterminate.



TM97-20 - Orange Oxheart Tomato Seeds

85 days. Solanum lycopersicum. Open Pollinated. Orange Oxheart Tomato. The plant produces good yields of 1 to 3 lb orange tomatoes. They are very sweet, meaty, juicy, and flavorful with few seeds. Perfect for salads, slicing, sandwiches, and sauces. An excellent choice for home gardens. An heirloom variety from Virginia, USA. Indeterminate.



TM327-10 - Orange Russian 117 Tomato

85 days. Solanum lycopersicum. Open Pollinated. The plant produces good yields of 1 to 2 lb bi-colored yellow-orange tomatoes with streaks of red. These heart-shaped tomatoes are very delicious, meaty, and have few seeds. Perfect for salads, garnishes, or culinary creations. It is a cross between Russian 117 and Georgia Streak. An excellent choice for home gardens. A variety from Russia. Indeterminate.



TM102-10 - Park's Whopper Improved Tomato Seeds

65 days. Solanum lycopersicum. (F1) Park's Whopper Improved Tomato. This early maturing plant produces good yields of 14 oz red tomatoes. They are very sweet, meaty, juicy, and flavorful. These are beautiful big tasty red tomatoes that are excellent for salads, burgers, and sandwiches. Crack Resistant. The plant requires support, either staking or cages. An excellent choice for home gardens and



market growers. Disease Resistant: V, FF, N, TMV. Indeterminate.

TM343-20 - Pineapple Tomato Seeds

85 days. Solanum lycopersicum. Open Pollinated. Pineapple Tomato. The plant produces high yields of 2 lb bicolored yellow beefsteak tomatoes with red streaks both on the outside and inside. They are very sweet, meaty, juicy, and flavorful. It has a rich old-fashioned tomato flavor. Perfect for salads, slicing, and sandwiches. The plant has good foliage protecting tomatoes from sun-scald. An excellent choice for home gardens. An heirloom variety from the USA. Indeterminate.



TM924-20 - Pink Jazz Tomato

85 days. Solanum lycopersicum. Open Pollinated. The plant produces good yields of large 1 lb beefsteak bi-color pink tomatoes with yellow stripes These beautiful tomatoes turn pink when mature and are very sweet. Great in salads, sandwiches, and slicing. Suitable for home gardens, market growers, and open field production. A variety from the USA. Indeterminate. Disease Resistant.



TM234-10 - Polish Linguisa Tomato Seeds

73 days. Solanum lycopersicum. Open Pollinated. Polish Linguisa Tomato. This early maturing plant produces heavy yields of 10 to 12 oz red sausage shaped tomatoes. They are very sweet and have few seeds. Perfect for making puree, paste, sauce, salads, canning, drying, or freezing. Excellent choice for home gardens. An 1800s heirloom variety from Poland. Indeterminate.



TM108-20 - Ponderosa Pink Tomato

87 days. Solanum lycopersicum. Open Pollinated. The plant produces high yields of 1 to 2 lb pinkish-red beefsteak tomatoes. They are very sweet, meaty, juicy, very flavorful, and are almost seedless. Perfect for sandwiches, burgers, salads, and slicing. Low acidity variety. Also known as Number 400 Tomato and Henderson's Ponderosa Tomato. An excellent choice for home gardens. An heirloom variety was introduced by Peter



Henderson & Co. in 1891. United States Department of Agriculture, PI 644770. Indeterminate.

TM383-20 - Ponderosa Red Tomato

85 days. Solanum lycopersicum. Open Pollinated. The plant produces high yields of 1 lb red beefsteak tomatoes. They are very sweet, meaty, juicy, and flavorful with few seeds. It has a rich old-fashioned tomato flavor. Perfect for salads, slicing, sandwiches, and canning. Low acidity variety. An excellent choice for home gardens. An heirloom variety. United States Department of Agriculture, PI 634828. Indeterminate.



TM598-20 - Red Oxheart Tomato

85 days. Solanum lycopersicum. Open Pollinated. The plant produces good yields of 1 to 2 lb red tomatoes. These heartshaped tomatoes are sweet, juicy, and very flavorful. Perfect for salads and making tomato sauce. An excellent choice for home gardens. An heirloom variety dating back to the 1920s. Indeterminate.



TM683-10 - Richardson Tomato Seeds

85 days. Solanum lycopersicum. Open Pollinated. Richardson Tomato. The plant produces good yields of 1 to 3 lb pink beefsteak tomatoes. It has a rich old fashioned tomato flavor. Perfect for sandwiches, burgers, salads, and slicing. Excellent choice for home gardens. An heirloom variety from the Richardson family of Tennessee, USA. Indeterminate.



TM672-10 - Rocky Tomato

90 days. Solanum lycopersicum. Open Pollinated. The plant produces heavy yields of 8 to 12 oz red plum-shaped tomatoes. They have thick walls, are meaty, and are very flavorful. One of the largest and best-flavored sauce tomatoes. Perfect for salads and making sauce, puree, and paste. Excellent choice for home gardens and market growers. An heirloom variety. Indeterminate.



TM682-20 - Royal Hillbilly Tomato

85 days. Solanum lycopersicum. Open Pollinated. The plant produces high yields of 1 lb dark pink beefsteak tomatoes. They are very sweet, meaty, juicy, and flavorful. Perfect for salads, slicing, and sandwiches. Excellent choice for home gardens. An heirloom variety developed by Darrell Merrell who bred it from several variations of the Hillbilly tomato. Indeterminate.



TM702-10 - Russian 117 Tomato Seeds

90 days. Solanum lycopersicum. Open Pollinated. Russian 117 Tomato. The plant produces good yields of 1 lb red heart-shaped tomatoes. They are very sweet, meaty, juicy, and excellent flavor with few seeds. Perfect for sandwiches, burgers, salads, and slicing. Excellent choice for home gardens. A heirloom variety from Russia. Indeterminate.



TM321-10 - San Marzano Redorta Tomato Seeds

78 days. Solanum lycopersicum. Open Pollinated. San Marzano Redorta Tomato. The plant produces good yields of large 8 oz red plum tomatoes. They have thick walls, are meaty, and are very flavorful. It is much larger than the San Marzano. Perfect for making salsa, sauce, puree, paste, and canning. It is named after a mountain, Pizzo Redorta in Bergamo. An excellent choice for home gardens. An heirloom variety from Tuscany, Italy. Indeterminate.



TM680-10 - Sandul Moldovan Tomato Seeds

85 days. Solanum lycopersicum. Open Pollinated. Sandul Moldovan Tomato. The plant produces high yields of 1 lb red beefsteak tomatoes. What makes this tomato so special is its exceptional flavor. It has a high sugar and high acid balance. Perfect for salads, slicing, and sandwiches. Excellent choice for home gardens. An heirloom variety from the Sandul family of Moldova. Indeterminate.



TM120-20 - Sausage Tomato Seeds

78 days. Solanum lycopersicum. Open Pollinated. Sausage Tomato. The plant produces good yields of large 6" long red tomatoes. They are meaty and very flavorful. Perfect for making ketchup, sauce, puree, paste, and canning. An excellent choice for home gardens. An heirloom variety from the USA. United States Department of Agriculture, PI 647533. Indeterminate.



TM481-20 - Sicilian Saucer Tomato Seeds

75 days. Solanum lycopersicum. Open Pollinated. Sicilian Saucer Tomato. The plant produces good yields of 2 to 3 lb red giant beefsteak tomatoes. They are very sweet, meaty, juicy, and flavorful. Perfect for salads, slicing, sandwiches, and making sauces. Try growing the biggest tomato you will ever see! The plant requires support, either staking or cages. An excellent choice for home gardens. An heirloom variety from Sicily, Italy. Indeterminate.



TM156-20 - Soldacki Tomato Seeds

75 days. Solanum lycopersicum. Open Pollinated. Soldacki Tomato. The plant produces high yields of 1 lb pink beefsteak tomatoes. They are very sweet and flavorful. Perfect for salads, slicing, and sandwiches. A potato leaf variety. An excellent choice for home gardens. An heirloom variety from Krakow, Poland dating back to the early 1900s. Indeterminate.



TM898-10 - SteakHouse Tomato Seeds

75 days. Solanum lycopersicum. (F1) SteakHouse Tomato. The plant produces high yields of 3 to 4 lb red beefsteak tomatoes. It has a rich old fashioned tomato flavor. Perfect for salads, slicing, and sandwiches. This is the World's Largest Beefsteak Tomato! Impress your neighbors by growing a humongous-sized tomato in your backyard garden. The plant requires support, either staking or cages. An



excellent choice for home gardens. Disease Resistant: V, F. Indeterminate.

TM884-20 - Striped German Tomato

78 days. Solanum lycopersicum. Open Pollinated. The plant produces high yields of 1 to 2 ½ lb bi-colored yellow beefsteak tomatoes with red marbling. They are sweet, fruity, and very flavorful. One of the besttasting tomatoes. Perfect for salads, slicing, garnishes, or culinary creations. A potato leaf variety. An excellent choice for home gardens. An heirloom variety from Hampshire County, West Virginia, USA. Indeterminate.



TM679-10 - Stump of the World Tomato Seeds

80 days. Solanum lycopersicum. Open Pollinated. Stump of the World Tomato. The plant produces good yields of 1 lb dark pink beefsteak tomatoes. They are very sweet, meaty, juicy, and flavorful. It has a rich old fashioned tomato flavor. They are as flavorful as a Brandywine but more productive. One of the very best tasting tomatoes. Perfect for salads, slicing, and sandwiches. A potato leaf variety. An



excellent choice for home gardens. An heirloom variety from the USA. Indeterminate.

TM129-20 - Super Beefsteak Tomato Seeds

80 days. Solanum lycopersicum. Open Pollinated. Super Beefsteak Tomato. The plant produces high yields of 17 oz red beefsteak tomatoes. It has a rich full tomato flavor. Perfect for sandwiches, burgers, salads, and slicing. Crack Resistant. An excellent choice for home gardens and market growers. Disease Resistant: V, F, N. Indeterminate.



TM938-20 - Super Choice Tomato

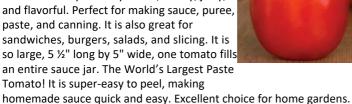
85 days. Solanum lycopersicum. Open Pollinated. The plant produces heavy yields of 1 to 2 lb red beefsteak tomatoes. It has a rich old-fashioned tomato flavor. Perfect for sandwiches, salads, and slicing. An excellent choice for home gardens. An old Amish heirloom variety from Hobart Pearson of Berea, Kentucky. Indeterminate.



TM767-10 - SuperSauce Tomato Seeds

70 days. Solanum Lycopersicum. (F1) SuperSauce Tomato. This early maturing plant produces high yields of 1 to 2 1/2 lb red tomatoes. They are very sweet, meaty, juicy, and flavorful. Perfect for making sauce, puree, paste, and canning. It is also great for sandwiches, burgers, salads, and slicing. It is so large, 5 1/2" long by 5" wide, one tomato fills an entire sauce jar. The World's Largest Paste

Diseases Resistant, Indeterminate.



Pollinated. Tappy's Finest Tomato. The plant produces excellent yields of 1 lb dark pink beefsteak tomatoes. They are very sweet, meaty, and flavorful. Perfect for salads. slicing, and sandwiches. Excellent choice for home gardens. An heirloom variety from West Virginia, USA. Indeterminate.

78 days. Solanum lycopersicum. Open



TM677-20 - Tidwell German Tomato Seeds

80 days. Solanum lycopersicum. Tidwell German Tomato. Open Pollinated. The plant produces excellent yields of 1 to 3 lb pink beefsteak tomatoes. They are sweet, meaty, and very flavorful. Perfect for salads, slicing, and sandwiches. Excellent choice for home gardens. A 1920s heirloom variety from the Tidwell family of Tennessee, USA. Indeterminate.



TM676-10 - Todd County Amish Tomato Seeds

75 days. Solanum lycopersicum. Open Pollinated. Todd County Amish Tomato. The plant produces excellent yields of 1 to 2 lb dark pink beefsteak tomatoes. They are very sweet, meaty, juicy, and flavorful. It has a rich old fashioned tomato flavor. Perfect for salads, slicing, and sandwiches. A potato leaf variety. An excellent choice for home gardens. An Amish heirloom variety from Minnesota, USA. Indeterminate.



TM757-20 - Vinson Watts Tomato

85 days. Solanum lycopersicum. Open Pollinated. The plant produces good yields of 10 to 18 oz deep pink beefsteak tomatoes. They are very sweet, meaty, juicy, and flavorful. Perfect for salads, slicing, and sandwiches. A tomato was grown by Vinson Watts of Morehead, Kentucky. He perfected the variety over 50 years and the result was a great tomato that had excellent flavor and texture. The



tomato has won many taste tests and is considered by many to be the best tomato they ever tasted. An heirloom variety from Lee County, Virginia, USA, dating back to 1956. Indeterminate.

TM536-20 - Vintage Wine Tomato Seeds

85 days. Solanum lycopersicum. Open Pollinated. Vintage Wine Tomato. The plant produces good yields of 1 to 1½ lb bicolored pink beefsteak tomatoes with golden stripes. They are mildly sweet and flavorful. Perfect for salads, slicing, and sandwiches. A potato leaf variety. An excellent choice for home gardens and specialty market growers. An heirloom variety from K. Sahin, Zaden B.V., Netherlands. Indeterminate.



TM192-20 - Watermelon Beefsteak Tomato Seeds

75 days. Solanum lycopersicum. Open Pollinated. Watermelon Beefsteak Tomato. The plant produces high yields of 1 to 2 lb pink beefsteak tomatoes. They are very sweet, meaty, juicy, and flavorful. It has a rich old-fashioned tomato flavor. Perfect for salads, slicing, and sandwiches. A plant can produce up to 50 lbs of tomatoes. An excellent choice for home gardens. An heirloom variety from West Virginia dating back to the 1800s. Indeterminate.



TM718-10 - Yellow Oxheart Tomato

86 days. Solanum



lycopersicum. Open Pollinated. The plant produces excellent yields of 1 to 2 lb light yellow heart-shaped tomatoes. They are very sweet, meaty, juicy, and flavorful. Perfect for salads, slicing, and sandwiches. An excellent choice for home gardens. A 1915 heirloom variety from Willis, Virginia, USA. Indeterminate.