



TINY TEMPTATIONS™ RED F1

tomato, upright

marketing@purelineseed.com

1700 West First St.
Warden, WA 98857



This series is an extremely sweet and productive bush type assortment. Tiny Temptations are the sweetest tomatoes in our entire dwarf assortment with a brix of 10-12%. This is also a very productive series average 250-350 fruits per plant.

Tiny Temptations™ Red produces bright red, sweet tomatoes. This is an excellent patio variety. This variety thrives outside, and it makes an excellent statement piece on your porch or patio in the summer and fall.

HIGHLIGHTS

- 6-7" pot size | 10-12" 3 plants in container
- Regrowth after first harvest
- Sweet tasting tomato with brix of 10-12%

CULTURAL SHEET

Properties

Variety number	421-010
Variety name	Red F1
Series name	Tiny Temptations™
Species	Lycopersicon esculentum
Common name	(Pot/Determinate) Tomato
Family	Solanum
Type	Annual
Seed weight	1.6-2.2 gram / 1000 sds depending on seed lot and variety
Days to maturity from transplant	70-85 days
Pruning/trimming	No
Fruit Weight	8-12 gr/fruit depending on culture
Use	<ul style="list-style-type: none"> • Compact snack tomato for outdoor use in patio and balcony pots • Compact snack tomato for indoor gardening, greenhouses, vertical farming, and windowsill.





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YOUNG PLANT CULTURE

number of seeds/plug

1 for plug size 0.6-1.2 inch

germination days

1-2 days* (biological disinfected seeds can take 2 days more)

germination temp.

64°-70°F (18°-21°C) Covered and high humidity, no light needed

growing days

14-21 days

growing temp.

61°-70°F (16°-21°C)

minimum growing temp.

61°F (16°C) This lengthens the growing days period

maximum growing temp.

95°F (35°C) This shortens the growing days period, encourage stretching internodes

optimal day/night temp.

day: 70°F (21°C)
night: 64°F (18°C)

soil for sowing

Sowing soil with good drainage, EC 1.5 PH 5.8-6.5

sowing covering

Vermiculite / soil with open structure /app. 2-3 mm thick

fertilization (f) in the plug

2.5 EC with each watering, NPK 15-10-15 and micro elements

ready to transplant

Full rooted plug with short internodes. Small young flower could be visible.

CULTIVATION TIPS DURING YOUNG PLANT GROWING

- Reduce the humidity soon after germination to 70%. This prevents stretching of the hypocotyl. For pot tomatoes stretching is not appreciated.
- The 1-2 week period after cotyledon expansion is the temperature sensitive period, defining when the first bunch shows. Low night temperature exposure (50-59°F) of seedlings, in contrast to day temperatures at 64°-70°F/18°-21°C during this period promotes the initiation and number of flowers (bunches) on the plant, reduces the internodes length and the number of leaf's preceding the first flower bunch.

FINISH PLANT CULTURE

potting soil

Standard soil with good drainage and water storage capabilities EC 2.5 PH 5.8-6.5

pot size

6-7" optimal 7" or baskets from 10-14"

plugs per pot

1 plug for pots.

indoor

Final distance indoor depends on pot size 10" x 10" (16 plts/m2)

spacing indoor

Space the plants when the leaves are reaching each other

outdoor in open soil

Planting distance 12" x 12"

planting soil outdoor

Standard soil with good drainage and water storage capabilities EC 1.5 PH 5.8-6.5

minimum growing temp.

61°F (18°C) This lengthens the growing days period

ideal growing temp.

70°-77°F (21°C-25°C)

optimal day/night temp.

day: 77°F (23°C)
night: 64°F (18°C)

frost

Plants cannot stand frost

watering

- Regularly for continues growth, keep the soil moist
- Watering with minimal 2.5 EC keeps tomatoes healthy

crop time to saleable product

10-12 weeks after planting, when the first bunch starts to show color

CULTIVATION TIPS DURING FINISH PLANT GROWING

- Pinching above the 3rd leaf will create a more compact branching plant. It will delay ripen fruit for approximatley 10 days.
- High temperatures (81°F 27°C average D/N) induce pollen infertility/no fruit set. Within the 70-81°F (21-27°C) range a diurnal fluctuation of at least 5-6oC promotes good pollen fertility.
- Night temperatures of between 61-68°F (16-20°C) are ideal. Temperatures below 55°F (13°C) severely affect the pollination of most cultivars.
- Insects, especially bees and bumble bees, support fruit set on tomatoes.
- Tomato plants have a high fertilization need. When the EC is too low, the leaves can turn yellow when the fruits are colouring. This also reduces the taste of the fruit.
- When the flowers show, increase the EC in to 3-4, to keep the fertilisation in the pot high enough. (EC in the pot can go up to 7-9)
- Tomato plants/leaves can be made sturdier by spraying (MgSO4 -bitter salt and Dipotassium-sulphite (K2SO3)) solutions on the plants (possible combined with other chemicals which need to be used). This has a positive effect on the leaf size and color.
- Clay in the soil will stabilize fertilization variation and reduce stretching. 2-5% is advisable, can be increased to 10%.
- Potassium-phosphate (MKPO3) in a concentration of 0.1% improves the quality of tomato plants. This is a good method against phytophthora. For all tomatoes this can lead to a significant reduction of failures.