

Turnip (Purple Top)

From NUF Farming

The **Turnip (Purple Top variety)** is a type of root vegetable that grows best in cold weather.

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Turnip (Purple Top)



Planting Season:	Mar-1 to May-15 Aug-1 to Oct-15
Growth Time:	55 days
Seed Needed:	1 gram/plot
Harvest Yield:	see table
Selling Price:	\$1.07 per lb (greens) \$0.60 per lb (roots)

Description

The "Purple Top White Globe" is a heirloom vegetable that is the most common variety of turnip. It has a "spicy" pungent taste.

Gardeners harvest Purple Tops when they are young, which is when they are still tender. As they grow larger, they become bitter, hard, and poorly suitable for human consumption. In supermarkets, the greens and roots of turnips are often sold separately.

Purple Tops are very effective livestock feed. In fact, the most common commercial use for Purple Tops is as forage and livestock feed in the fall/winter. Turnips are grown to larger sizes when they are intended for animal forage.

Instructions

Prepare Ground

- Ground must be tilled (**action: plow**)
- (Optional) Apply **Compost** if the Soil Quality is Fair/Poor (**action: fertilize**)
- (Optional) Apply **1.3 oz** of **Potash fertilizer** (**action: fertilize**)

Planting and Important Dates

- Day 0: Directly plant **1 gram** of seeds 1 inch apart in 18 inch rows, and cover with 1/2 inch soil (**action: plant**)
- Day 17-25: Thin the seedlings 4 inches apart. Produces **5 lbs** of crop waste. (**action: prune**)
- Day 27-35: (Optional) Apply **1 oz** of **Urea fertilizer** (**action: fertilize**)
- Day 40-69: Harvest (**action: harvest**)

Maintenance

- **Watering:** Must water a minimum of once per 7 days
- **Weeding:** Must weed a minimum of once per 7 days

Miscellaneous Information

See Turnip Research

See Turnip Calculations

Growth Rate

The maximum amount of crop that can be collected ("Harvest Yield") depends on the date it is harvested.

The **root** of the turnip (aka. "Turnip") is sold separately from the **greens** (aka. "Turnip Tops"), and they fetch different prices on the market. There is no crop waste.

- **Turnip Root:** \$0.60 per pound (wholesale)
- **Turnip Tops:** \$1.07 per pound (wholesale)

Day	Comment	Turnip Root 100% Yield	Turnip Greens 100% Yield	Crop Quality	Estimated Selling Price	Photo
Day 0	Planting					
Day 4	Germination					Photo (https://i1.wp.com/southernruralroute.com/wp-content/uploads/2012/10/turnip-purple-top-white-globe-after-4-days-1122.jpg?resize=500%2C280)
Day 21	Seedlings					Photo (https://i2.wp.com/southernruralroute.com/wp-content/uploads/2012/10/turnips-at-3-weeks-1156.jpg?resize=500%2C333)
Day 30-39	1" bulbs	4.3 lbs	8.6 lbs	Fair	\$10.6/Plot	Photo (https://i0.wp.com/southernruralroute.com/wp-content/uploads/2012/10/turnips-4-weeks-11911.jpg?resize=500%2C333)
Day 40-54	2" bulbs	8.7 lbs	17.4 lbs	Good	\$23.84/Plot	Photo (https://i2.wp.com/southernruralroute.com/wp-content/uploads/2012/10/turnips-at-5-weeks-1200.jpg?resize=500%2C333)
Day 55-69	3" bulbs	13.1 lbs	26.2 lbs	Good	\$35.89/Plot	Photo (http://cdn2.stylecraze.com/wp-content/uploads/2014/05/2479-19-Amazing-Benefits-of-Turnip-Juice-is.jpg)
Day 70-84	4" bulbs	17.5 lbs	35.0 lbs	Fair	\$43.16/Plot	Photo (https://i.ytimg.com/vi/ONdEKTy4jvs/maxresdefault.jpg)
Day 85-99	5" bulbs	26.2 lbs	52.4 lbs	Poor	\$43.07/Plot	Photo (https://img0.etsystatic.com/056/0/8877517/il_340x270.681198198_oa3a.jpg)
Day 100+	Inedible (Animal feed only)					Photo (https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcQO3CkunbnhMhGgvfrR0I2sMeZGRRpLpF0X2duX7Mnu7OfJF30w)

Penalties and Bonuses

Soil Quality (at time of planting)

- **Fair soil:** -10% harvest yield
- **Poor soil:** -40% harvest yield

Weather Events

- **Hard Frost (-2°C):** -50% harvest yield per day
- **Hail Storm:** -50% harvest yield per day

Maintenance

- **Out of season:** -40% harvest yield, if turnip seeds were planted outside of the recommended season
- **Wilted plants:** -20% harvest yield for each day not watered past the deadline (7 days)
- **Weed penalty:** -5% harvest yield for each day not weeded past the deadline (7 days)
- **Overgrown:** -30% harvest yield for failing to thin/prune turnips

Fertilizer

- **Fair fertilizer use:** +20% harvest yield
- **Excellent fertilizer use:** +33% harvest yield

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