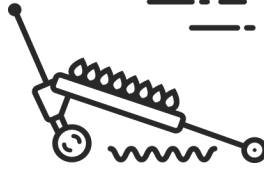


GROWER'S NOTES

BY PAPERPOT CO.



Salad Turnips

CROP & PAPERPOT DATA:

PAPER CHAIN POT	4"
ROWS PER 100' X 30" BED	5
TRAYS PER 100' X 30" BED	6
KWIK KLIK™ TOP PLATE	Plate: Paperpot (264 holes) / Thickness: 3mm / Hole Diameter: 3mm
SEEDS PER CELL	3-4
SEED PER 100' X 30' BED	16 g (+/-) *Always round up when placing seed orders to ensure having enough
RECOMMENDED CULTIVARS	Hakurei
GERMINATION	36 hours at 77°F
DAYS TO TRANSPLANT	21 days (+/-) *time from seeding to transplanting in the field
DAYS TO MATURITY	38 days (+/-) *time from seeding to being ready for harvest
HARVEST WINDOW	14 days (+/-) *time crop is at ideal stage for harvest after reaching maturity
TOTAL DAYS IN FIELD	31 days (+/-) *DTM + harvest window - days to transplant
HARVEST UNIT	Bunch, 8-12 per (harvest ideally when "golf ball" size)
TARGET CROP YIELD	220 bunches (+/-)
PRICE PER UNIT	\$3 *depending on local market pricing
REVENUE PER BED	\$660 *depending on local market pricing

SUGGESTED TOOLS:

SEEDING	Kwik Klik™ Drop Seeder, Paperpot Germination Trays, Paper Chain Pots
TRANSPLANTING	Paperpot Transplanter
TILTHING	Power Harrow or Precision Depth Roller (With no tractor: Tither)
AERATION	Meadow Creature Broadfork
SHAPING	Bed Preparation Rake
WEED CONTROL	Flame Weeder
CULTIVATION	Wire Weeder, or Collinear Hoe

BED PREPARATION

- Broadfork the bed to aerate and loosen the soil.
- Smooth and shape the bed with a bed prep rake, removing any debris.
- If the previous crop was fertilized, salad turnips will do fine without reapplication. If not, here are two options:
 - 1) Layer on 1" of compost, enough to mostly cover the native soil.
 - 2) Sprinkle on a combination of alfalfa meal and/or pelleted chicken manure.
- If layering compost, do not till in hopes of smothering any surface weed seed.
- If adding amendments, till the top 1" of soil to mix in amendments.
- Irrigate for 10-14 days*, allowing any weed seed in top layer of soil to germinate.
- Flame weed the bed when the cotyledons of the weed seeds have emerged.

SEEDING

- Prepare trays with 4" paper chain pots, and fill with potting mix.
- Install Paperpot bottom plate and specified top plate into Kwik Klik™ (KK) Drop Seeder.
- Pour seed onto top plate and rotate until 3-4 seeds fills each hole.
- Position the KK Drop Seeder over the tray, ensuring the holes are lined up with the cells, and click to drop the seeds.
- Water the trays, then place in a germination chamber for 36 hours at 77° (+/-).
- Transfer the trays to greenhouse tables immediately after germination.

TRANSPLANTING

- Thoroughly water trays before heading to the field for transplanting.
- Using the Paperpot Transplanter, plant the five rows of salad turnips.
- For 5 rows on a 30" bed: 6" between rows, 3" from the outer rows to the edge of the bed.
- Reference <https://paperpot.co/learn/> for instructional videos if needed.

IRRIGATION

- Water the beds with overhead irrigation, or four rows of drip.
- After the first watering, IMMEDIATELY cover the beds with floating row cover (or insect netting in the warm season). The cover will only come off for cultivation and harvest times. Weigh down the edges with sand bags every 5 feet. This ensures flea beetles will never have a chance to damage the greens.

CULTIVATION

- 14 days after direct seeding, cultivate using a wire weeder, or collinear hoe.
- Subsequent cultivation should not be needed as canopy of greens should suppress further weed growth.
- Make sure to return row cover immediately after cultivation to keep away pests.

HARVEST

- Salad turnips should be harvested with their tops and bunched in the field.
- Bunches should consist of 8-12 turnips, with a target size of 1.5-2" per turnip.
- Pile the bunches in the paths, and collect all piles in your harvest tote at the end.

WASHING AND PACKING

- Using a Washdown Gun sprayer over a root wash table, spray each bunch while rotating until all soil is thoroughly cleaned off.
- Store salad turnips in a refrigerated space at 35° inside a plastic bag or tote to maintain moisture and crispness until going to market.