

GROWER'S NOTES

BY PAPERPOT CO.



RADISHES

CROP AND JANG SEEDER DATA:

JANG ROLLER	F24
JANG GEAR RATIO	14 Front - 10 Rear
JANG BRUSH POSITION	Down
IN ROW SPACING	1"
ROWS PER 100' X 30" BED	10
SEED PER 100' X 30' BED	15 g (+/-)
RECOMMENDED CULTIVARS	French Breakfast, Easter Egg, Rover
DAYS TO MATURITY	22 (+/-) *time from seeding to being ready for harvest
HARVEST WINDOW	14 days (+/-) *time crop is at ideal stage for harvest
TOTAL DAYS IN FIELD	36 (+/-) *DTM + harvest window
TARGET HARVEST SIZE	1.5-2"
HARVEST UNIT	Bunch (14-16 per)
TARGET CROP YIELD	200 bunches (+/-)
PRICE PER UNIT	\$2.50 *depending on local market pricing
REVENUE PER BED	\$500 *depending on local market pricing

SUGGESTED TOOLS:

SEEDING	Jang JP-1 or Jang JP-5 Seeder
TILTHING	Power Harrow or Precision Depth Roller (With no tractor: Tither)
AERATION	Meadow Creature Broadfork
BED SHAPING	Bed Preparation Rake
WEED CONTROL	Flame Weeder
CULTIVATION	Flex Tine Weeder

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, radishes 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

- Set up the Jang seeder: Y24 roller, gears 14 front and 10 rear, brush down.
- For the JP1, roll out each of the 10 rows evenly spaced across the bed.
- For the JP5, fill all five hoopers and seed the bed in just two passes.

IRRIGATION

- Water the beds with overhead irrigation, or four rows of drip. This will chase away any pre existing flea beetles on the soil.
- 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.
- It is important to water throughout hot days during the warm season.

CULTIVATION

- 14 days after direct seeding, cultivate using a flex tine weeder (2 passes per bed).
- 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

- Radishes should be harvested with their tops and bunched in the field.
- Bunches should consist of 14-16 turnips, with a target size of 1.5-2” per radish.
- 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 radishes in a refrigerated space at 35° inside a plastic bag or tote to maintain moisture and crispness until going to market.