

GROWER'S NOTES

BY PAPERPOT CO.



JANG SETTINGS: BABY BRASSICA GREENS

| Jang Seeder | Crop | Roller | Brush | Gear Ratio | Rows/30" Bed | Seed/100' bed |
|-------------|-----------------------|--------|-------|-------------------|--------------|---------------|
| JP5 or JP1 | Red Russian/KX-1 Kale | LJ-24 | Down | 14 Front x 9 Rear | 10 | 315 g (+/-) |
| JP5 or JP1 | Elegance/Ovation Mix | F24 | Down | 14 Front x 9 Rear | 10 | 200 g (+/-) |

Recommended Cultivars:

- * Red Russian and KX-1 Kale, Elegance and Ovation Mix, Tatsoi, and Mizuna

Days to Maturity:

- * 21 days (+/-)

Target Crop Yield:

- * Average: 45 lbs. per 100' x 30" bed (2 cuttings)

Tools Needed:

- * JP5 or JP1 (JP5 recommended)
- * Tilter or Power Harrow
- * Bed prep rake
- * Flame weeder
- * Row cover or insect netting (depending on the season)
- * Flex tine weeder
- * Quick Cut Greens Harvester (or harvest knife if preferred)

1. 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, baby brassica greens 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

2. Seeding:

- * Set up Jang: install LJ-24 or F24 roller, gears 14 front and 9 rear, brush down.
- * For the JP1, roll out each of the 10 rows evenly spaced across the bed.
- * For the JP5, the bed can be seeded in two passes with 10 perfectly spaced rows.

3. Irrigation:

- * Water the beds with overhead irrigation. 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.
- * For all subsequent irrigation, water directly over top of the row cover or insect netting, which rests directly on the crop
- * More frequent, yet shallow waterings will support rapid growth and better flavor.
- * It is important to water throughout hot days during the warm season.

4. Cultivation:

- * 10 days after direct seeding, cultivate using a flex tine weeder (2 passes per bed).
- * Repeat this process again after another 5 days.
- * Make sure to return row cover immediately after cultivation to keep away pests.

5. Harvest:

- * Target size for harvest is a 3-5" leaf with no more than 1" of stem.
- * Approximately 21 days to harvest (depending on season)
- * The JP5 seeder works well with the Quick Cut Greens Harvester. One pass along each side of the bed effectively cuts 5 rows of greens at a time.
- * Keep the blades sharp, and make sure the harvester stays out of the dirt.
- * Gently rake the bed clean after the first cutting to ensure a cleaner second cutting.

6. Washing and Packing:

- * Agitate the greens by hand (or use a bubbler) for no more than 4 minutes in the wash tube, while scanning for debris, bugs, or damaged greens.
- * After drying and bagging (usually in 1/2lb or 1lb bags), store the greens in a refrigerated space.
- * Attempt to sell baby brassica greens within 3 days of harvest for highest quality.

** All dates can vary based on local climate and soil conditions and time of year.*