

JANG GROWERS NOTES • JP1 & JP5

Baby brassica greens

A mix of baby kale, tatsoi, mizuna and mustards seeded together. Same setup as the other baby greens, cut twice.

ROLLER

F24

SPROCKETS

14 x 9

BRUSH

Down

ROWS / 30"

BED

10

IN-ROW

1/2"

SEED / 100' BED

**200-315 g
(by mix)**

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, brassica greens will do fine without reapplying. If not, either layer on 1" of compost (enough to mostly cover the native soil) or sprinkle on alfalfa meal and/or pelleted chicken manure.
- If you layer compost, don't till it in, so surface weed seed stays smothered. If you add amendments, till the top 1" to mix them in.
- Irrigate for 10 to 14 days* to germinate weed seed in the top layer of soil, then flame weed once the weed cotyledons are up.

Seeding

- Set up the Jang: **F24 roller, 14 x 9 sprockets (front x rear), brush down.**
- JP1: seed 10 evenly spaced rows across the bed.
- JP5: fill all five hoppers and seed the bed in two passes, one from each side.
- LJ24 also works for larger-seeded mixes. Test at the bench first.

CROP DATA

Cultivars	KX-1 kale, Red Russian, tatsoi, mizuna, Ovation mix, Elegance mix
Days to maturity	21 days
Harvest window	14 days
Days in field	35 days
Harvest size	3-5" leaf
Yield / bed	45 lb (2 cuttings)

SUGGESTED TOOLS

Seeding	Jang JP1 or JP5
Aeration	Broadfork
Tilthing	Tilther, power harrow or precision depth roller
Bed shaping	Bed prep rake
Weed control	Flame weeder
Cultivation	Flex tine weeder
Harvest	Quick Cut Greens Harvester

Irrigation

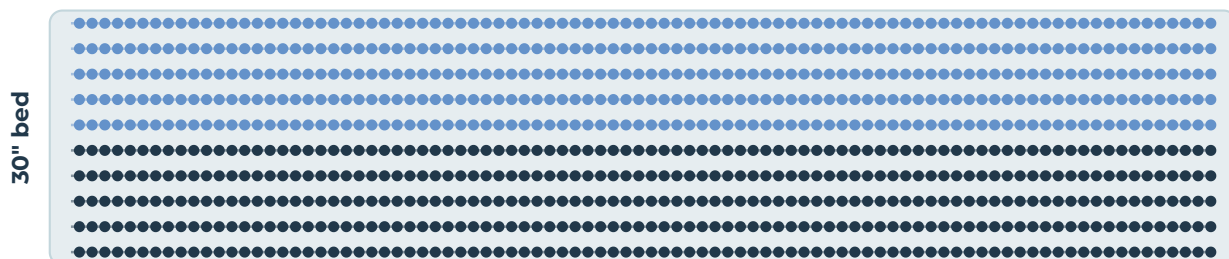
- Water with overhead irrigation or four lines of drip. The first watering chases off flea beetles already in the soil.
- Right after that first watering, cover the bed with floating row cover (insect netting in warm weather) and weigh the edges down with sandbags every 5 feet. It only comes off for cultivation and harvest, so flea beetles never get a chance at the leaves.
- Water right over the cover.
- Frequent, shallow waterings give faster growth and better flavor. Keep watering through hot days in the warm season.

Cultivation

- 10 days after seeding, cultivate with a flex tine weeder (2 passes per bed).
- Repeat 5 days later.
- Put the row cover back right after each cultivation.

Bed layout

10 rows · 1/2" in-row · seeding direction →



■ JP5 pass 1 ■ JP5 pass 2 (from the other side)

*All timing varies with your climate, soil and season. Bed figures are for a 100' x 30" bed. Sprockets are listed front x rear. Test every roller at the bench before you seed.

MORE JANG SETTINGS AND GUIDES

Seeding chart, roller guide and the full Jang Seeder Handbook are free at paperpot.co. Jang seeders, rollers and parts: shop.moderngrower.co

Harvest

- Harvest at a 3-5" leaf with no more than 1" of stem.
- The JP5 rows line up with the Quick Cut Greens Harvester: one pass along each side of the bed cuts 5 rows at a time.
- Keep the blades sharp and the harvester out of the dirt.
- Rake the bed gently after the first cutting for a cleaner second cutting.

Washing and packing

- Agitate the greens by hand (or with a bubbler) for no more than 4 minutes in the wash tub, scanning for debris, bugs and damaged leaves.
- A produce-safe sanitizer such as SaniDate 5.0 in the wash water kills pathogens and helps shelf life.
- Spin dry, bag (usually 1/2 lb or 1 lb bags) and store at 35°F. Sell brassica greens within 3 days of harvest for the best quality.