

GROWER'S NOTES

BY PAPERPOT CO.



JANG SETTINGS: LETTUCE (LOOSE LEAF)

Jang Seeder	Crop	Roller	Brush	Gear Ratio	Rows/30" Bed	Seed/100' bed
JP5 or JP1	Lettuce (Loose Leaf)	F24	Down	14 Front x 9 Rear	10	145 g (+/-)

Recommended Cultivars:

- * Allstar

Days to Maturity:

- * 28

Target Crop Yield:

- * 45 lb (+/-) per 100' bed

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, lettuce 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 the Jang seeder: F24 roller, gears 14 front and 9 rear, brush down.
- * For the JP1, roll out each of the ten rows evenly spaced across the bed.
- * For the JP5, fill all five hoppers with seed. The bed can then be seeded in two passes with 10 perfectly spaced rows.

3. Irrigation:

- * Water the beds with overhead irrigation, or four rows of drip.
- * If not growing in a tunnel, cover the beds with floating row cover to prevent pest pressure. The cover will only come off for cultivation and harvest times. Weigh down the edges with sand bags every 5 feet.
- * More frequent, shallow waterings will help prevent bolting.
- * It is important to water throughout warm days and keep crop covered with shade cloth if attempting to grow in the warm season.

4. Cultivation:

- * 14 days after direct seeding, cultivate using a flex tine weeder (2 passes per bed).
- * Repeat this process again after another 7 days.
- * Make sure to return row cover immediately after cultivation to keep away pests.

5. Harvest:

- * Target size for harvest is a 3-4" (+/-) leaf.
- * Approximately 28 days to first harvest (depending on season)
- * Harvest using the quick cut greens harvester. You can also harvest by hand with a harvest knife, bunching together the greens with one hand, and cutting at least 1" above the soil with the other hand, so as to avoid cutting the growing point.
- * Rake the bed clean after harvest, to ensure clean second cutting.
- * Loose leaf lettuce can produce two to three cuttings per bed.

6. Washing and Packing:

- * Agitate the lettuce 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 loose leaf lettuce within 3 days of harvest for highest quality.

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