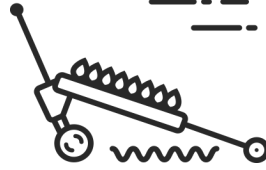


GROWER'S NOTES

BY PAPERPOT CO.



MESCLUN MIX LETTUCE

CROP & PAPERPOT DATA:

PAPER CHAIN POT	6"
ROWS PER 100' X 30" BED	4
TRAYS PER 100' X 30" BED	3
KWIK KLIK™ TOP PLATE	Plate: Paperpot (264 holes) / Thickness: 3mm / Hole Diameter: 5mm
SEEDS PER CELL	1
SEED PER 100' X 30' BED	760 seeds (+/-) *Always round up when placing seed orders to ensure having enough
RECOMMENDED CULTIVARS	Salanova, Easy Leaf
GERMINATION	48 hours at 68°F
DAYS TO TRANSPLANT	28 days (+/-) *time from seeding to transplanting in the field
DAYS TO MATURITY	60 days (+/-) *time from seeding to being ready for harvest
HARVEST WINDOW	27 days (+/-) *time crop is at ideal stage for harvest after reaching maturity
TOTAL DAYS IN FIELD	59 days (+/-) *DTM + harvest window - days to transplant
HARVEST UNIT	pound
TARGET CROP YIELD	130 pounds (+/-)
PRICE PER UNIT	\$10 *depending on local market pricing
REVENUE PER BED	\$1300 *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	Flex Tine Weeder or Collinear Hoe

BED PREPARATION

- Broadfork the bed to aerate and loosen the soil.
- Smooth and shape the bed with a bed preparation rake, removing any debris.
- If the previous crop was fertilized, mesclun mix 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 pelleted chicken manure.
- If layering compost, do not till in hopes of smothering any surface weed seed.
- If adding amendments, till the top 1-2" 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 6" 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 one seed 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 germination chamber for 48 hours at 68°.
- Transfer the trays to greenhouse tables after germination.

TRANSPLANTING

- Thoroughly water trays before heading to the field for transplanting.
- Using the Paperpot Transplanter, plant the four rows of lettuce.
- There should be 7.5" between rows, and 3.75" from the outer rows to the edge of the bed.
- Reference <https://paperpot.co/learn/> for instructional videos if needed.

IRRIGATION

- Water the beds thoroughly with overhead irrigation, or four rows of drip.
- Frequent and consistent watering will promote succulent growth and avoid bitterness.

CULTIVATION

- 10-12 days after transplanting, cultivate using the Flex Tine Weeder (repeat again after 7 days).
- A collinear hoe is also an effective cultivator for lettuce.

HARVEST

- Mesclun mix is ready for harvest when the heads are approximately 6" in diameter.
- Harvest just above the growing tip (about 1" from the soil) with a sharpened harvest knife.
- The leaves should be about 2-4" (+/-).
- If the lettuce leaves are too big, cut higher on the plant.
- Cut away any leftover leaves after your initial cut, making sure the core is clean for regrowth and the next harvest. (Take note to remove insects, rotten leaves, or debris while in the field)

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.
- Adding a sanitizer like Sanidate 5.0 sanitizer to the water will kill any possible pathogens, and will also help improve the shelf life of the mesclun.
- After drying and bagging (usually in 1/2lb or 1lb bags), store the greens at 35°.
- Attempt to sell mesclun mix within 3 days of harvest for highest quality.