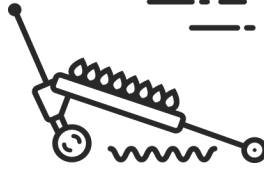


GROWER'S NOTES

BY PAPERPOT CO.



LITTLE GEM 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	Newham, Rosaine, Cegolaine
GERMINATION	48 hours at 68°F
DAYS TO TRANSPLANT	28 days (+/-) *time from seeding to transplanting in the field
DAYS TO MATURITY	50 days (+/-) *time from seeding to being ready for harvest
HARVEST WINDOW	14 days (+/-) *time crop is at ideal stage for harvest after reaching maturity
TOTAL DAYS IN FIELD	36 days (+/-) *DTM + harvest window - days to transplant
HARVEST UNIT	Mini-heads (4-5" diameter)
TARGET CROP YIELD	760 heads (+/-)
PRICE PER UNIT	\$1.50 *depending on local market pricing
REVENUE PER BED	\$1140 *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, little gems 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 little gems.
- 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

- Little gems are ready for harvest when the heads are approximately 4-5" in diameter.
- Harvest in the kneeling position next to the bed, two rows at a time.
- Harvest only the heads with dense hearts. Remove slugs and damaged leaves if necessary.

WASHING AND PACKING

- Little gems should be dunked in cold water when brought in from the field.
- Do not soak for longer than one minute to avoid damage from becoming waterlogged.
- Lay the lettuce heads on a drying screen to drip dry.
- Stack the washed little gems upside down in totes to continue draining in storage.
- Store at 35° until taken to market.