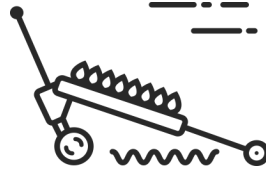


GROWER'S NOTES

BY PAPERPOT CO.



Cilantro

CROP & PAPERPOT DATA:

PAPER CHAIN POT	2"
ROWS PER 100' X 30" BED	3
TRAYS PER 100' X 30" BED	6
KWIK KLIK™ TOP PLATE	Plate: Paperpot (264 holes) / Thickness: 3mm / Hole Diameter: 7mm
SEEDS PER CELL	2-3
SEED PER 100' X 30" BED	4800 seeds (+/-) *Always round up when placing seed orders to ensure having enough
RECOMMENDED CULTIVAR	Santo
GERMINATION	5-7 days at 68°F
DAYS TO TRANSPLANT	30 days (+/-) *time from seeding to transplanting in the field
DAYS TO MATURITY	55 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	39 days (+/-) *DTM + harvest window - days to transplant
HARVEST UNIT	Bunches
TARGET CROP YIELD	600 bunches (+/-)
PRICE PER UNIT	\$3 *depending on local market pricing
REVENUE PER BED	\$1800 *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	Collinear Hoe, Wire Weeder, or Flex Tine Weeder

BED PREPARATION

- Broadfork the bed to aerate and loosen the soil.
- Smooth and shape the bed with a bed preparation rake, removing any debris.
- Cilantro will do well in beds freshly amended with fertilizer. 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 2" 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 2-3 seeds fill 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 trays and place in germination chamber at 65-70°. Emergence should occur at 5-7 days.
- Transfer the trays to greenhouse tables after germination.

TRANSPLANTING

- Cilantro seedlings should be transplanted at 2" or shorter for best success.
- Thoroughly water trays before heading to the field for transplanting.
- Using the Paperpot Transplanter, plant the three rows of cilantro.
- Ensure paper chains are adequately buried to prevent drying out.
- 3 rows on a 30" bed: 10" between rows, 5" 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.
- Newly planted Cilantro must be watered regularly to avoid drying out.
- Frequent shallow waterings will support rapid growth.

CULTIVATION

- Cultivate 10-14 days after transplanting, with a Flex Tine Weeder or Collinear Hoe. Repeat 7-10 days later.
- A wire weeder is also an effective cultivation tool allowing you to get very close to the crops.

HARVEST

- Cilantro can typically yield two harvests per planting, or even three if bolting is prevented.
- Harvest by cutting bunches a few inches above the soil to allow for regrowth.

WASHING AND PACKING

- Submerge Cilantro in cold water after harvest to remove field heat and rinse any dirt.
- Allow to drip dry on a rack before packing. Cilantro tolerates being damp for storage or transport.
- Bunches can be stacked in totes without being fully dried.
- Cilantro can be stored at 35-40° until taken to market.