

JANG GROWERS NOTES • JP1 & JP5

Carrots

Bunched carrots are a farmers market draw. Six rows, flame weeded before emergence, harvested at 5-7".

ROLLER

X24

SPROCKETS

14 x 10

BRUSH

Down

ROWS / 30"

BED
6

IN-ROW

1"

SEED / 100' BED

20 g

Bed preparation

- Broadfork the bed to loosen the soil. Loose soil means straight, shapely carrots.
- Smooth and shape the bed with a bed prep rake, removing any debris.
- Layer on 1" of compost or sprinkle on alfalfa meal and/or pelleted chicken manure. Don't till in compost; till amendments into the top 1-2".
- Irrigate for 10 to 14 days* to germinate weed seed. Row cover speeds this up. Flame weed once the weed cotyledons are up.

Seeding

- Set up the Jang: **X24 roller, 14 x 10 sprockets (front x rear), brush down.**
- JP1: seed 6 evenly spaced rows across the bed.
- JP5: fill only hoppers 1, 3 and 5, then seed the bed in two passes for 6 evenly spaced rows.
- 6 to 7 days after seeding, before the carrots emerge, flame weed again to catch late weeds.

CROP DATA

Cultivars	Adana, Napoli, Rainbow
Days to maturity	55 days (36 for baby)
Harvest window	20 days
Days in field	75 days (56 for baby)
Harvest size	5-7"
Yield / bed	180 bunches (8-12 per bunch)

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, wheel hoe with bio-disc cultivator, or collinear hoe

Irrigation

- Keep the top layer of soil from drying out until the carrots germinate (10-14 days).
- Deep watering supports early growth. Too much water late in the crop can crack the roots.

Cultivation

- When the tops are 3-4" tall (20-25 days* after seeding), cultivate between rows with a collinear hoe, flex tine weeder or wheel hoe with bio-disc cultivator. The bio-disc hills the rows as it goes.
- Pull larger weeds by hand. After that the canopy closes and late weeds aren't a threat.

Harvest

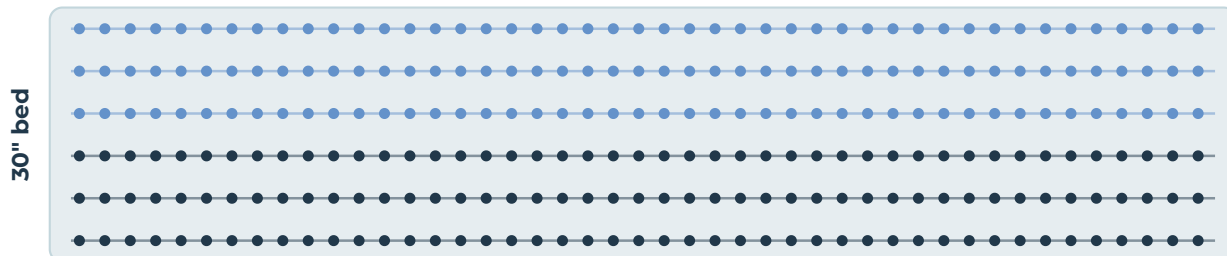
- Harvest at 5-7" for the best tenderness and flavor.
- Selling by the bunch: bunch 8-10 carrots right after pulling and stack them in a tote.
- Selling by the pound: twist off the tops in the field.

Washing and packing

- Spray each bunch with a washdown gun over a root wash table, turning it until all the soil is off.
- For loose carrots, spray them in a perforated harvest tote, sliding it around so every side gets clean.
- Store carrots at 35°F in a plastic bag or tote to keep them moist and crisp until market.

Bed layout

6 rows • 1" 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