CROP PRODUCTION

Vegetable Planting Guide: Spacing, Maturity and Seed Rates

Plan your vegetable plot with the spacing, days to maturity and seed rates for Sidai Seeds varieties.

Getting spacing and timing right is one of the cheapest ways to improve yields. Crowded plants compete for light, water and nutrients, while wide spacing wastes land. The figures below come from the Sidai Seeds Vegetable Seed Catalogue 2026.

Spacing, maturity and seed rates

Crop and variety	Spacing	Maturity	Seed rate / yield
Cabbage – Copenhagen	60 × 45 cm	70–75 days	100 g per acre
Carrot – Nantes	45 × 8 cm	90–120 days	—
Onion – Red Creole	30 × 8 cm	Early–medium	1.25 kg per acre
Sweet pepper – California Wonder	60 × 30 cm	80–90 days	100 g per acre
Spinach – Ford Hook Giant	45 × 30 cm	60–65 days	1.5 kg per acre
Beetroot – Detroit Dark Red	30 × 10 cm	80–90 days	Yield 12–23 t per acre
Cucumber – Ashley	150 × 75 cm	45–60 days	Harvest 2.5 t per acre
Butternut	100 × 75 cm	75–90 days	Yield 14–21 t per acre
Collard – Southern Georgia	60 × 45 cm	First picking 30–40 days	3.5 kg per acre
Coriander – Daima	30 × 10 cm	4–8 weeks	Yield 12–15 t per acre
Managu – Giant Nightshade	30 × 15 cm	First harvest 35–45 days	—
Spider plant – Sagret	45 × 25 cm	—	—
Amaranthus – Dubius	45 × 15 cm	First harvest 3–4 weeks	—

Before you plant

- Test your soil. Sidai field teams can test soil on your farm and give fertiliser recommendations.
- Choose varieties that suit your market: fresh market, processing or home consumption.
- Prepare a fine, firm seedbed and plan irrigation for dry spells.
- Buy certified seed from a trusted stockist and keep the packet for its batch details.

Crop-specific tips from the catalogue

- Cucumber requires staking for good production.
- Spider plant prefers warm seasons above 15 °C and full sun, needs regular weeding in the first six weeks and is sensitive to drought.
- Amaranthus can be ratooned: cut, leaving 10–15 cm for regrowth, to harvest every 2–3 weeks.
- Collard leaves stay fresh for 3–5 days after harvest, depending on temperature.

Talk to a Sidai agronomist about the best varieties and planting dates for your area.

This guide gives general information. Always read and follow product labels, and ask a qualified Sidai vet or agronomist for advice on your own animals or crops. Online version: sidai.com/resources/guides/vegetable-planting-guide