

Cucumber Growing

BARC

FIELD TECHNOLOGY UNIT
BRUNEI AGRICULTURAL
RESEARCH CENTRE

Local name	Timun
Botanical name	<i>Cucumis sativus</i> L.
Soil	Deep fertile sandy soil, heavy soils if properly drained.
Seed per ha	3 kg.
Seed treatment	Pretreated with suitable fungicides at 3 - 5 g per 100 g seeds.
Plant density	20,000 - 25,000 plants.
Sowing	Two seeds in 2 - 3 cm depth, thinned to one plant per point two weeks after germination.
Spacing	50 - 60 cm apart, 60 within rows.
Fertiliser	Apply lime at 2 tonnes per ha (pH 5). Basal application, 5 tonnes chicken dung 1 week before sowing. Side dressing, 750kg/ha of NPK + TE (12:12:17:2) at 2 and 5 weeks after planting.
Harvesting	5 weeks after sowing, peak production at the seventh week.
Maturity	Fruits are ready for harvest when they are 15 - 20 cm long and when the skin is smooth. Harvesting is done on alternate day.
Yield	22.5 tonnes per ha.
Diseases	Downy mildew can be a major problem, controlled by Daconil.
Pests	Leaf miners and thrips can be a problem.



Matured cucumber ready for harvest