

1. RECOMMENDED VARIETIES

- Red Fire
- Hot Rod
- Long Red Cayenne
- Birds Eye
- Bongo

2. YIELDS

- Fresh: 15 – 20 tonnes per hectare.
- Dried: 4 – 6 tonnes per hectare.

3. PLANTING TIME

- It is best to plant during hot wet season from September to February.
- Could be grown throughout the year but will need special care outside its main planting season.
- The yields of chillies usually drop during cooler months.



4. SEED RATE

300 grams per hectare.

5. PLANT SPACING

- 1m between rows and 30cm within rows.

6. LAND PREPARATION

- Prefers well – drained soil with sufficient organic matter.
- Two ploughings and two harrowings are recommended.

7. FERTILIZER

- Poultry manure at the rate of 10t/ha. Mix well with soil 2 weeks before planting.
- N.P.K (13:13:21) at the rate of 200 kg/ha – Basal application at planting in black soil and 250kg on red soils.
- Urea at the rate of 100kg/ha. Half (50kg/ha) to be applied at 4 weeks after planting and the other half at 8 weeks.

8. WEED CONTROL

- Hand weed or use hoe.
- Apply Paraquat at 100ml/15L of water (Sold as Gramazone, Agazone & Royal Paraquat) or Glyphosphate at the rate of 150ml to 200ml/15litres of water (Sold as Round up, Champion 450, Rainbow & Rambo).
Make sure the chemical does not touch plants as it will kill them.

9. PEST CONTROL

- Cut worm - spray Acephate 75% a.i at 20g/15L of water (Acephate is sold as Orthene & Sunthene) or Suncis at 12ml/15L of water or Endosulfan at 10ml/15L of water.
- Aphids and Mites - Dimethioate at 15ml/15L of water (Sold as Rogor) or Malathion at 30ml/15L of water.

10. DISEASE CONTROL

- Stem rot - apply Sundomil at 50g/15L of water.
- Downey mildew - apply Dithane M-45 at 22g/15L of water

11. FOOD SAFETY

Harvest crop for consumption 14 days after spraying with chemicals.

12. TIME TO MATURITY

Fruits appear 3 - 4 months after planting and harvest weekly for 1 year.





Ministry of Agriculture

13. Bilateral Quarantine Agreement

- Seeds of chillies for export should be bought only from Sigatoka Research Station and farm should be monitored by Extension Officers.
- Ensure that the fields are kept clean at all times.
- Remove and dispose ripe, fallen and discarded fruits.
- Harvest at green stage of maturity
- Follow recommended agricultural practices to produce quality chillies for export.

14. GROSS MARGIN

The gross income for a marketable yield of 10tonnes/ha will be \$15,000. The cost to produce a kg of chilli is \$0.32

15. FOOD VALUE

A good source of dietary fibre, calcium, vitamin A and C, riboflavin and niacin.



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Farmer's Leaflet 2015