

1. Recommended varieties

Nirala

2. Yield

2 -3 tonnes/ha

3. When to Plant

Maize can be grown all year round. However, best results are obtained during September to March.

4. Seed Rate

Use good and viable seeds.
Seed rate is 18kg/ha

5. Spacing

Between rows : 75cm
Plants within rows : 30cm

6. Land Preparation

Two ploughing and two harrowing is recommended for good soil tilth. A well drained soil is to be chosen since maize does not grow well in water logged areas.



7. Fertilizer

- Apply poultry manure 2 weeks before planting at the rate of 10 tonnes/ha.
- NPK at the rate of 300kg/ha is to be applied at the time of planting and to be incorporated well into the soil.
- Urea at the rate of 150kg/ha is to be applied 4 weeks after planting followed by hilling.

8. Weed Control

- Pre-emergence Nutrazine at the rate of 200ml/15L of water to be applied soon after planting.
- Inter row cultivation at 3weeks followed by hilling.

9. Pest Control

- Corn Earworm
- Corn Leafhopper
- Maize Aphids

Control - spray Acephate 75% a.i at 20g/15L of water (Acephate is sold as Orthene & Sunthene). Observe the

waiting period.

10. Disease Control

Includes Downey Mildew and rust. Nirala is tolerant to Downey Mildew. Diseased plants to be rouged and burnt.

11. Harvesting

- Nirala is ready for harvest at 8 – 10 weeks for green cobs and 16 weeks for grain.
- In wet condition, maize to be harvested quickly from the fields to avoid germination of grains.

12. Drying

For drying purposes, cobs are to be sun dried well before it is shelled.

13. Storage

- Insecticide such as Sevin is used to treat seeds for storage.
- Fungicide Ridomil is used to treat seeds for protection against Downey Mildew.

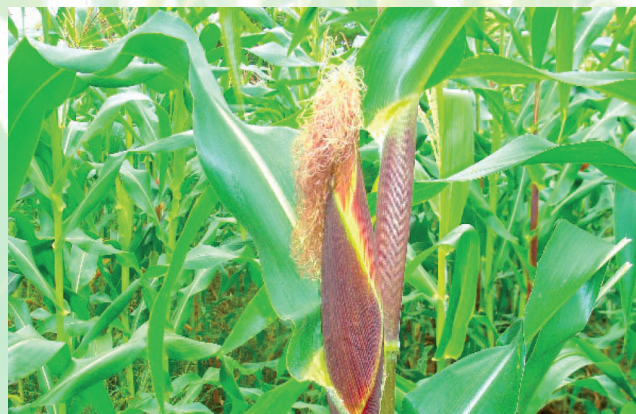


14. Returns

- Expected income is \$510.87/ha

15. Food Value

Contains Vitamin A, Protein and Dietary Fibre.



For more information contact: Ministry of Agriculture, Private Mail, Raiwaga.
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Ministry of Agriculture

Growing

MAIZE

for Cash

Farmer's Leaflet 2015