

OKRA

1. CLIMATIC AND SOIL REQUIREMENTS:

Okra is a tropical crop. Its optimal temperature for germination, growth and fruit setting is between 25 and 30 celsius degrees. The plant needs warm weather and plenty of sunshine. It thrives well in different soil condition, but it is best to grow in the well drained soil, especially with rich organic matters. To avoid nematode, it is suggested to rotate with rice.

2. SEEDS REQUIRED:

Requires 6-8kg seeds per ha. Seed shall be dribbled half inch deep in well prepared soil bed under aeration condition & water immediately after sowing.

3. SPACING:

	ROW DISTANCE	PLANT DISTANCE
Spring Crop	1.1 to 1.2 meters	0.45 to 0.50 meters
Autumn Crop	0.9 to 1.0 meters	0.35 to 0.40 meters

Note that dense planting may cause phytophthora rot in rainy season and not easy to set fruits.

4. FERTILIZERS:

Okra has a long period for growth and fruit setting, so it is better to apply more organic matters to maintain its vigor and increase the production.

Please see the following:

- (A) Basal Fertilizer: Apply stapled manure and then chemical fertilizer when ploughing the farm.
- (B) First Side Dressing: About 14 to 20 days after transplanting.
- (C) Second Side Dressing: 20 days after side dressing (Apply to the shoulders of bed and cover and cover with soil).
- (D) Third Side Dressing: 10 days after second side dressing (Apply to the furrow after irrigation).

	TOTAL	BASAL	After 25 days	After 50 days
Compost Manure	20000	20000		
Urea	300	200	50	50
Super phosphate	200	---		

Muriate of Potash	100	---		
Note: Kg/acre		----		

5. Plant Protection:

a. Phytophthora Rot:

It may occur during constant rainy days in higher temperature season which makes the stem, leaves, and fruits rotten. Maneb, Captan, Benomyl (Benlate) may be applied to prevent the situation.

b. Yellow Vein Mosaic Virus (YVM):

This virus is carried by vectors like aphids & other sucking pests. By controlling these pests, YVM can be avoided. Try to select variety resistant/tolerant to it.

Note: The above information is provided based on research and field observation. Variations in local condition may affect the information and suggestions contained above and for which the company should not be held liable. In case of doubt, it is recommended to carry out ordinary trial production in order to test local growing condition in different seasons and area.