

## PACKAGE OF PRACTICES

### CROP: FRENCH POLE BEANS

| Sl. No. | Particulars/operations /Practice                        | Details of operation  |
|---------|---|---|
| 1       | <b>Suitability for the area/<br/>Agro climatic zone</b> | Grows well in moderate weather conditions where temperatures does not exceed 35°C   |
| 2       | <b>Land / Soil</b>                                      | Light sandy or light clay soils are best suited, 5.5 pH is ideal  |
| 3       | <b>Season/Sowing time</b>                               | February–March (Lowland) and August–September (Upland)  |
| 4       | <b>Seed rate</b>  | 10-12 kg/ Acre. Treat the seeds in Bavistin @2g/kg 24 hours before sowing   |
| 5       | <b>Preparation of Main field and planting</b>           | Apply 10 tons of FYM followed by harrowing to mix in the soil. Form ridges and furrows at 3ft apart and irrigate the channels day before sowing/Transplanting   |
| 6       | <b>Spacing</b>  | Row to row 90 cm, between plants 15-20cm  |
| 7       | <b>Seed treatment before sowing</b>                     | Seed treatment with Gaaucho (Imido) 2 ml/kg and Bavistin 0.2%   |
| 8       | <b>Manures and Fertilizers</b>                          | * Basal dose before sowing: 60:30:30 Kg NPK<br>* First top dressing 30 days after sowing:30kg N   |
| 9       | <b>Irrigation schedule</b>                              | Irrigate field depending on soil type. Light and frequent irrigation once in 6-7 days interval in summer Ensure sufficient moisture at root zone especially during flowering fruit stage.   |
| 10      | <b>Weeding/inter-cultivation</b>                        | Follow cultural practices to control the weeds or manually remove twice during the duration. Can be intercropped with maize, soyabean or ground nut   |
| 11      | <b>Micronutrient/growth regulator sprays</b>            | Spray multiplex 1g/ltr during fruiting stage Micronutrient 1g/ltr during flowering period   |
| 12      | <b>Pest and Disease control</b>                         | <b>Anthraco nose:</b> Bavistin 2g/kg seeds<br><b>Rizoctonia blight:</b> Spray DM-45 50g/100 ltr<br><b>Angular leaf spot:</b> Spray Saaf 50g/100 ltr at 8-10 day interval<br><b>Mites:</b> Malathion 0.05% spray<br><b>Beetles:</b> Ekalux/Rogar spray 0.5ml/ltr |
| 13      | <b>Expected yield</b>                                   | Fruits ready for 1 <sup>st</sup> harvest in 50-55 days after sowing. Picking should be done every 2-3 days. Yields 7-8 tons/ha in a well managed crop.  |