



## PROTOCOL FOR CASSAVA USING MASINAG ORGANIC FERTILIZER

### Land Preparation

- Select land for planting – clay loam, loam soil, and sandy loam with pH of 6-8
- Land preparation – 2 to 3 times alternate plowing and harrowing
- Planting Material - The stem to be planted must be from a matured plant, about a year old, 25 cm long with 5-7 nodes from the bottom stem. The thickness of the stem must not be smaller than half of the fattest part of the stem from where it is cut.
- Planting – Distance between hills is 75 cm apart from one another, depending on the kind to be planted. With the help of a pointed stick, make a hole about 18 cm deep in each hill where the stems are to be planted, one in each hole. Plant early in the morning or late afternoon during summer or any time when the sun is cool.

Planting can be in these methods:

Horizontal - during summer so that the plant will be kept moist.

Vertical - during rainy days so that it will not rot if constantly wet.

Slanting - between the two seasons mentioned.

### Seed Preparation

Prepare 1% Masinag solution (10 ml of Masinag diluted to 1L of water) and soak the seeds for 30 minutes before sowing/planting.

### Fertilizer Application

1. At Furrowing apply 20 bags Organic Fertilizer (compost) Drill the organic fertilizer along the furrows before planting.
2. 10 Days After Planting (DAP) Spray Masinag Organic Fertilizer (1% solution or 1L Masinag for every 100 L of water or 160 ml per 16L capacity knapsack.)
3. 60 DAP apply Solophos 250 kg and Urea 100 kg (Apply 3 inches away from the roots of the plant.)
4. 70-75 DAP Spray Masinag Organic Fertilizer (1% solution or 1L Masinag for every 100 L of water or 160 ml per 16L capacity knapsack).
5. 76-80 DAP Apply 100 kg MP (Apply 3 inches away from the roots of the plant)
6. 90 Days After Planting (DAP) Spray Masinag Organic Fertilizer (1% solution or 1L Masinag for every 100 L of water or 160 ml per 16L capacity knapsack.)
7. 120 Days After Planting (DAP) Spray Masinag Organic Fertilizer (1% solution or 1L Masinag for every 100 L of water or 160 ml per 16L capacity knapsack.)
8. 150-180 Days After Planting (DAP) Spray Masinag Organic Fertilizer (1% solution or 1L Masinag for every 100 L of water or 160 ml per 16L capacity knapsack.)

**Harvest** – Harvesting can be done 10-14 months after planting.