

# Guidelines for production of Enriched Vermicompost

## Advantages of Enriched Vermicompost

- ▶ Improves overall health of the soil
- ▶ Provides good nutrition as transplanting media
- ▶ Releases nutrients slowly into the soil
- ▶ Encourages growth of beneficial soil microbes
- ▶ Improves soil physical traits

## Selection of vermicompost for enriched vermicompost

- ▶ Procure good quality vermi-compost which is free of impurities with smooth texture
- ▶ Vermicompost with a texture of used tea leaves is considered to be the best.
- ▶ The vermicompost should be slightly damp.



## Making Enriched Vermi-compost

- 1** Spread a plastic sheet over level ground and make a small heap of required vermi-compost.
- 2** For every 100 kg vermi-compost add 160 grams each of *Azotobacter*, *Azospirillum*, *Phosphate Solubilizing Bacteria*, and *Trichoderma*.
- 3** Mix the bio-agents evenly with the vermi-compost.
- 4** If the enriched vermi-compost is being prepared for Pulse crops, *Rhizobium* should be added to the mix @ 160 grams per 100kg.
- 5** Cover the mixture with a plastic sheet and store it away from direct sunlight.
- 6** The mixture can be lightly irrigated every 2-3 days to be kept moist.