

6 Steps to Cassava Weed Management

1 Select suitable site that is not slopy, waterlogged, stony or very shallow. The presence of biological activities such as worm cast is an indication of good soils.

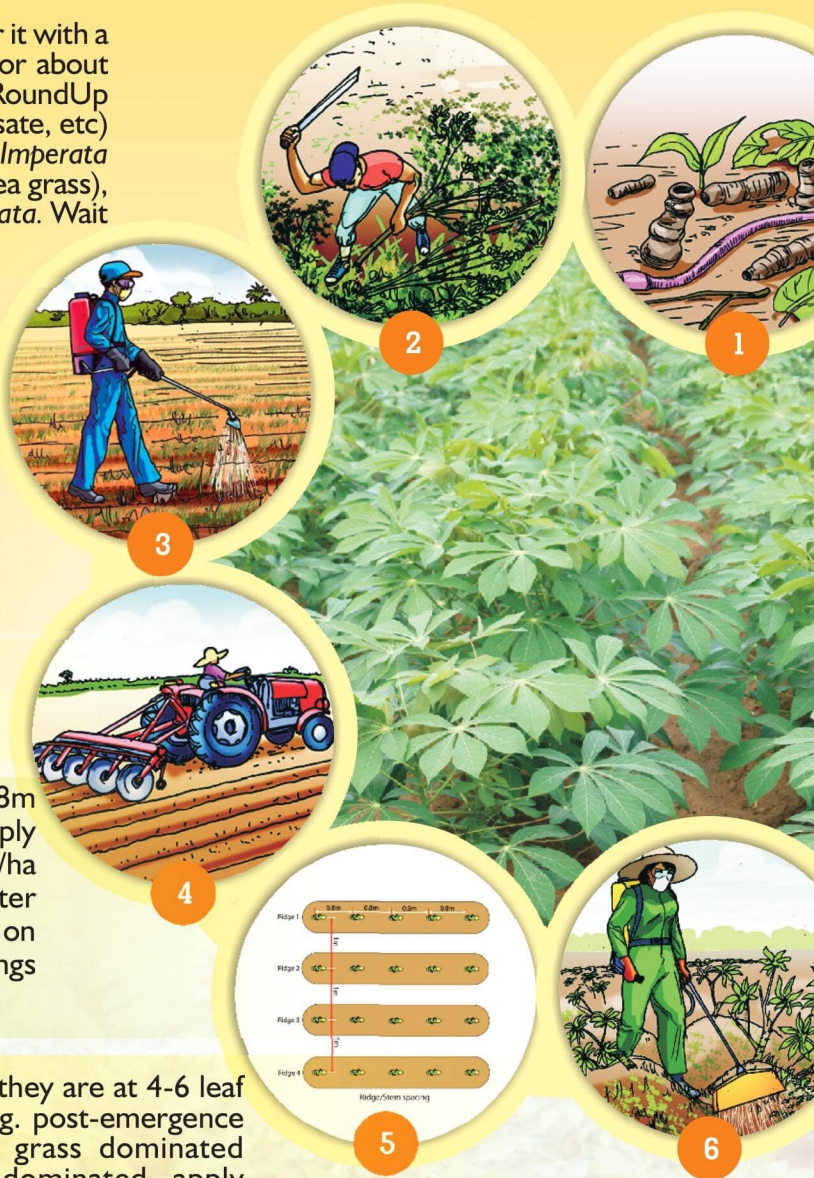
2 If the vegetation is older, fallow or too tall to go over it with a sprayer, slash the vegetation and allow regrowth for about two weeks. Thereafter, apply glyphosate (E.g. RoundUp Turbo, TouchDown Forte, Sarosate, ForceUp, Delsate, etc) at label rate to deal with perennial weeds such as *Imperata cylindrica* (Speargrass) and *Panicum maximum* (guinea grass), *Mimosa invisa*, *Ipomea mauritiana*, *Chromolaena odorata*. Wait for 14 days to allow total kill by glyphosate.

3 If the vegetation is young (less than one year) and of low growth (less than one meter tall), apply glyphosate (E.g. RoundUp Turbo, TouchDown Forte, Sarosate, ForceUp, Delsate, etc) at label rate to deal with perennial weeds such as *Imperata cylindrica* (Speargrass) and *Panicum maximum* (guinea grass), *Mimosa invisa*, *Ipomea mauritiana*, *Chromolaena odorata*. Wait for 14 days to allow total kill by glyphosate.

4 Plough, harrow, make ridges or mounds.

5 Plant cassava only when the soil is moist at 1 m x 0.8 m or 1 m x 0.7 m (12,500 – 14,300* plants/ha) and apply pre-emergence herbicide such as Lagon at 1.25L/ha or Primextra Gold at 4L/ha within 24 hours after planting. Do not apply pre-emergence herbicide on dry soil. Visit your farm regularly. Replace cuttings that fail to sprout after 15-21 days.

6 When weeds cover 30 percent of your field and they are at 4-6 leaf stage, apply a post-emergence weed control (E.g. post-emergence herbicides, mechanical or manual weeding). In grass dominated fields or in portions of a field that is grass dominated, apply Fusilade forte at 3L/ha under cassava canopy. For grass and/ or broad leaf-infested fields, glyphosate may be applied directly to weeds under cassava canopy with a shield when cassava is 8 weeks old and above. If cassava is less than 8 weeks old and the field is infested with grass and broadleaf weeds, use manual weeding method to remove weeds. Avoid glyphosate touching green cassava stems/leaves.



Caution: Avoid glyphosate (E.g. RoundUp Turbo, TouchDown Forte, Sarosate, ForceUp, Delsate, etc) touching green cassava stems/leaves.
* If germination of the cassava variety is low, plant at 1m x 0.7m