

7. *Remove the nylon net sack from the drum and drip dry.*



8. *Place the planting materials inside a separate plastic bag and incubate overnight.*



9. *Plant the treated planting materials within 48 hours after incubation.*

Reminder:

Repeat pre-planting treatment every three (3) cropping cycles.



For more information, contact:

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PRE-PLANTING TREATMENT

Cassava Phytoplasma Disease (CPD)



DEPARTMENT OF AGRICULTURE
Western Visayas

Cassava Phytoplasma Disease (CPD)



Cassava infected with CPD

CPD is caused by a specialized bacteria (*Phytoplasma candidatus asteris*) attacking cassava that reduces root yield to about 50-70% when disease symptoms appear during the mid-part of the growing season and even 100% when infection starts during the first three months from planting date.

Thus, it is important to treat infected cassava stalks before planting.

Selection and preparation of planting materials

1. *Select mature cassava stems and cut off the succulent part.*



2. *Cut stems into 3-4 centimeters (cm) with 3-4 viable nodes using a hacksaw.*



3. *Place planting materials into a nylon net sack.*

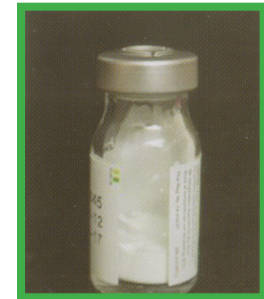


Preparation of antibiotic solution

4. *Pour 100 liters (l) of water into a 200l capacity drum.*



5. *Add 10 grams (g) or 10 vials of Streptomycin sulfate, mix and stir.*



6. *Soak the planting materials in the antibiotic solution for six (6) hours.*

