

Termites on cassava and plantain

Coptotermes spp., Macrotermes spp., Odontotermes spp. Nfotie



A termite mound (USDA APHIS PPQ - Oxford, North Carolina, USDA APHIS PPQ, Bugwood.org)



Worker termites (Scott Bauer, USDA Agricultural Research Service, Bugwood.org)

Prevention	Monitoring	Direct Control	Direct Control	Restrictions
<ul style="list-style-type: none"> • Avoid termite-infested fields when selecting sites for field establishment • Destroy termite hill in and around production site before planting • Keep soil moist during the dry spells to disrupt termite activities • Practice farm sanitation. Collect, burn, bury or compost plant debris. Do not import termite infested materials into fields • Plant clean (termite-free) planting materials • Avoid mulching in sites with potential termite infestation 	<ul style="list-style-type: none"> • Additional relevant crops: maize, rice, sorghum, tomato, peppers • Monitor fields regularly to check for termite infestation especially plants growing close to termite hills • Look for damage signs: for example, mud and trails on stems • Uproot young plants that fail to sprout to check for presence of termites • Take action when you observe the presence of termites in field 	<ul style="list-style-type: none"> • Dig up termite mounds to expose and kill the reproductives and destroy colonies 	<ul style="list-style-type: none"> • When using a pesticide or botanical, always wear protective clothing and follow the instructions on the product label 	<ul style="list-style-type: none"> • Do not use chemicals with the same mode of action year after year as this can lead to resistance, always consult the most recent list of registered pesticides of MOFA, Ghana
			<ul style="list-style-type: none"> • Spray Fipronil (Fipro 50 EC) at the rate of 100mls/15L. It is a Phenylprazole/Fiproles (IRAC, 2B). It is contact and stomach action 	
			<ul style="list-style-type: none"> • Spray with Deltamethrin based product (e.g. Deltacan at 175-100mls/L. It is a pyrethroid - IRAC, 3A). 	<ul style="list-style-type: none"> • Slightly hazardous (WHO Class III); Maximum 2 applications per season in the morning and later in the day. PHI 14 days. REI 24 hours. Eye and skin irritant. Highly toxic to bees and other non target arthropods. Toxic to aquatic organisms. Avoid using near water ways

Ghana

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