

CLOTHIANIDIN 50% WG

INSECTICIDE



**NEONICOTINOID
SYSTEMIC ACTION**



**STRONG PLANT
TRANSLOCATION**



**LONG-LASTING
SAP-FEEDING CONTROL**



**ROOT & SEEDLING
PROTECTION**

TARGET PESTS



CROPS

-  Rice
-  Cotton
-  Sugarcane
-  Tea
-  Grapes
-  Groundnut

PRODUCT DESCRIPTION

Neonicotinoid insecticide with strong systemic translocation through plant tissues for long-lasting control of sap-feeding pests. Exhibits root uptake, seedling protection, and durable vascular movement.

MODE OF ACTION

Clothianidin binds irreversibly to nicotinic acetylcholine receptors in insect central nervous systems, causing persistent stimulation, paralysis, and death. Acts as potent agonist with high insect affinity and low mammalian affinity.

TARGET PESTS

Brown plant hopper, Jassids, Whitefly, Termite, Mosquito Bug, Thrips, Mealy Bugs, White Grubs

CROPS	TARGET PESTS	DOSAGE	WATER VOLUME	PRE-HARVEST INTERVAL
Rice	Brown plant hopper	20-24gm	500L	12 days
Cotton	Jassids	30-40gm	500L	20 days
	Whitefly	40-50gm	500L	20 days
Sugarcane	Termite	250gm soil drench	1000L	310 days
Tea	Mosquito Bug	120gm	500L	5 days
Grapes	Thrips/Jassids/Mealy Bugs	500gm soil drench	1000L	15 days
Groundnut	White Grubs	250gm soil drench	1000L	62 days

APPLICATION BENEFITS

- Root uptake with seedling protection
- Durable vascular movement
- Strong systemic translocation
- Long-lasting control



**STRONG
MANUFACTURING**



**INNOVATIVE
R&D**



**GLOBAL
REGULATORY
SUPPORT**



**DECADES OF
EXPERIENCE**