



REDEFINING  
*Crop Care*





# HERBICIDES



# Adhi Zone

Paraquat Dichloride 24%SL



## Advantages :

- Non-selective herbicide controlling a wide range of annual grasses and broad-leaved weeds and the tops of established perennial weeds.
- Very fast-acting herbicide and controls wide spectrum of weeds.
- Rain-fast within minutes of application.
- Biologically inactive upon contact with soil

**Non-Selective, Contact,  
Post Emergence fast  
acting herbicide.**

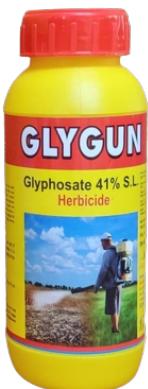
### Recommendations for Use:

Crop	Weeds	Dosage/ acre Formulation(ml)
All Major Crops	Grasses, Sedges and Broad Leaved Weeds	500-1600



# GLYGUN

Glyphosate 41%SL



Systemic herbicide which contains Isopropyl amine salt of glyphosate and is effective against annual and perennial grasses and broad leaved weeds in Tea.

**Auditya**  
CROP CARRE

## Advantages :

- Non-selective systemic herbicide of Organophosphorus (Glycine and phosphonates) group, which inhibits the EPSP synthesis in weed plants.
- After spraying, is absorbed by the weed plants and translocates up to roots and kills all types of weeds completely.
- Controls very effectively both annual and perennial weeds.
- Used to control weeds in plantation crops, water channels, bunds and open fields.

### Recommendations for Use:

Crop	Weeds	Dosage / acre Formulation(ml)	Time of Application
Tea	All types of narrow and broad leaved	800-1200	Apply as directed spray when the weeds are young and actively growing
Non Cropped Areas	Different types of weeds	800-1200	



# WIPE-71

Ammonium Salt of  
Glyphosate 71%SG

## NO PACK

### Advantages :

- Controls Annual, Perennial, Broad leaf and Grassy weeds. On application Reaches the Roots and Rhizomes of the plants by the process of translocation thus destroying the weeds below the ground
- Very effective especially on difficult to control weeds

Systemic ,Non Selective  
Post Emergence Herbicide

#### Recommendations for Use:

Crop	Weeds	Dosage / acre Formulation(ml)	Time of Application
Tea and non crop	Acalypha indica, Sida aculata, Ipomea digitara, Chicorium entibus, Digera arvensis, Digitaria spp, Paspalum conjugatum, Ageratum conyzodes, Cynodon dactylon, Cyperus rotundus,	1-2	4 to 8 Leaved stage of the Weeds



# INSECTICIDES



# MARVEL SUPER

Chlorpyriphos 50%EC



Non Systemic Broad spectrum Organophosphorus insecticide

## Advantages :

- Contact, Stomach and Respiratory action
- Controls wide range of insect pests including soil insects.
- Compatible with a wide range of other fungicides, herbicides and Insecticides.
- Quick knock down with some residual control.
- Very effective in controlling Termites due to its penetrating effect and volatalising nature

### Recommendations for Use:

Crop	Target Pest	Dose / acre (ml)
Paddy	Stem Borer and Leaf Folder	300-320
Cotton	Boll Worms	400-500
Pre and Post	Termites	1 lt in 9 lts of water



# MARVEL PLUS

Chlorpyriphos 20%EC



Non systemic broad spectrum  
organophosphorus insecticide

## Advantages :

- Contact, Stomach and Respiratory action
- Controls wide range of insect pests including soil insects.
- Compatible with a wide range of other fungicides, herbicides and Insecticides.
- Quick knock down with some residual control.
- Cost effective broad-spectrum insect control across a wide range of crops.

## Recommendations for Use:

Crop	Dosage/acre(ml)	Pest
Paddy	500- 750 ml	Hispa, Gall midge, Stem borer, Leaf roller, whorl maggot
Cotton	500 ml	Aphid, White fly, Grey weevil, Cutworm, Bollworm
Sugarcane	500-600 ml	Black bug, Pyrilla, Early shoot and stalk borer
Sugarcane	2500 ml	Termites (by soil drenching)
Groundnut	500 ml	Aphid, Root Grub
Brinjal	400 ml	Shoot and fruit borer
Cabbage	800 ml	Diamond Back moth
Onion	2000 ml	Root grub and termites
Cashew, millets	100 ml	Termites (by soil drenching)
Pulses	5ml/kg seed	Termites (by seed treatment )



# BOSS

Lambda cyhalothrin 5% EC



**Non Systematic pyrethroid insecticide. An insecticide with Contact and Stomach action and repellent properties.**

## Advantages :

- Formulation of Lambda cyhalothrin. It is a Non-Systemic Stomach and Contact Insecticide with a little fumigant action.
- A modern Synthetic Pyrethroid Effective in Integrated Pest Management.
- Very Broad Spectrum insecticide.
- Quick knockdown effect on insects.

### Recommendations for Use:

Crop	Target Pest	Dosage/Acre Formulation(ml)
Rice	Stem borer, Leaffolder, Hispa, Gall midge, Thrips	100
Cotton	Bollworms and Jassids, White Flies, Thrips and Aphids	120-200
Chillies	Thrips, Mites, Pod borer	120-150
Onion	Thrips	120-150
Brinjal & Tomato	Fruit and Shoot borer and Fruit borer	120-150
Mango	Hoppers	0.5 to 1 ml/ Lt of water
Redgram	Pod borer, Pod fly	160-200



# JOSS

Lambda Cyhalothrin 2.5%EC



Contact and Systemic  
Synthetic Pyrethroid contains  
Lambda Cyhalothrin  
@ 2.5 % a.i concentration

## Advantages :

- Having a little Fumigant Action also
- Very Broad Spectrum in controlling insect pests
- Contact and Stomach Insecticide
- Modern Synthetic Pyrethroid fits in Integrated pest Management System

### Recommendations for Use:

Crop	Target Pests	Dosage/ acre Formulation(ml)
Cotton	Bollworms Jassids Thrips	250-400
Paddy	Leaf Folder Stem Borer Green Leaf Hopper Gall MidgeHispaThrips	200



# AudiMIDA

Imidacloprid 17.8% SL



## SYSTEMIC & CONTACT Insecticides

### Advantages :

- Systemic insecticides of Neonicotinoide group which controls the sucking insects and termites very effectively.
- Controls the sucking insect pests of various crops very effectively.
- Suitable insecticides for Integrated Pest Management (IPM) programme.
- Relatively gives long lasting control of insects.

### Recommendations for Use:

Crop	Target Pest	Dosage/Acre Formulation(ml)
Rice	Green Plant Hopper, Brown Plant Hopper, White Backed Plant Hopper	40-50
Cotton	Aphid, Thrips, Whitefly, Jassids	40-50
Chilli	Thrips, Aphids, Jassids	50-100
Mango	Hoppers	2-4 ml/10 lt of Water
Bhendi	Thrips, Aphids, Jassids	40
SugarCane	Termites	140



# WHIP

Fipronil 5%SC

## NO PACK

Acts as SYSTEMIC & CONTACT Insecticide

### Advantages :

- Broad spectrum and modern insecticide of Phenylpyrazole group.
- Controls the insects by its Contact, Stomach and Systemic action.
- Gives effective and long duration control of thrips in various crops.
- Controls the insect pests of Rice, Cotton, Chillies, Sugarcane & Cabbage Very Effectively.

### Recommendations for Use:

Crop	Target Pest	Dose/Acre(ml)	Time of Application
Paddy	Stem Borer, Leaf Folder, Gall Midge, Brown Plant Hopper, Green Leaf Hopper, White Backed Plant Hopper	400-600	20-30 days after transplanting
Cotton	Aphids, Thrips, Whiteflies, Jassids	600-800	First spray at the initiation of infestation and subsequent 2-3 sprays at weekly interval
	Boll Worms	800	
Chilli	Thrips, Aphids, Fruit Borers	320-400	
Cabbage / Cauliflower	Diamond Back Moth	320-400	
Sugarcane	Early Shoot Borer & Root Borer	600-800	For Early Shoot Borer Foliar Application @ 35 Days after Transplanting and for Root Borer Drenching in Soil

# FLYOUT

Acetamiprid 20%SP

**NO PACK**

Acts as SYSTEMIC &  
CONTACT Insecticide

## Advantages :

- Global insecticide of Neonicotinoide group against Sucking Pests of Variety of Crops
- Controls the Sucking insects very effectively by its superior Systemic action.
- Compatible with other commonly used Insecticides and Fungicides.
- Is able to control the hiding insects for a longer time.
- Safe for Natural Enemies of Insect Pests
- Fits in Integrated Pest Management (IPM) programme.
- Has the ability to control the insects which gained resistance against other insecticides.

## Recommendations for Use:

Crop	Target Pest	Dosage / Acre (gm)
Rice	Green Plant Hopper, Brown Plant Hopper, White Backed Plant Hopper	20-40
Cotton	Aphids, Whiteflies, Jassids	20-40
Chillies	Thrips	20-40
Bhendi	Aphids	30



# PIGEON

Diafenthiuron 50%WP

## Advantages :



- Systemic and Contact Insecticides
- New generation Insecticide for effective control of mites in Chillies
- Paralyses the pest which remain immobile on plant and die within 3-4 days
- Compatible with all Insecticides and Fungicides except Copper based one waiting period for harvest in chillies is 3 days

New specialty, research based insecticide

### Recommendations for Use:

Crop	Target Pest	Dosage / acre (gm)
Chillies	Mites	240

# RECLAIM

Emamectin Benzoate 5%SG



Modern Insecticide of  
Avermectin Group

## Advantages :

- Multi use Globally famous Soluble granular Insecticide
- Gives effective control of caterpillars by its Stomach and Contact poison action in majority of crops
- Remarkable TRANSLAMINAR action by which it controls the caterpillars present on the lower surface also.
- The caterpillars stop feeding on crops after 2 hours of the spraying of RECLAIM
- Suitable insecticide for Integrated Pest Management (IPM) system.
- Has a rain-fastness of 4 hours approximately.

## Recommendations for Use:

Crop	Target Pest	Dosage/Acre(gm)
Cotton	Bollworms	80-90
Redgram	Pod Borer	90
Chickpea	PodBorer	90
Brinjal, Bhendi	Fruit and Shoot Borer	80-90
Chillies	Fruit Borers, Thrips, Mites	80
Grapes	Thrips	45-90



# **FLASH**

Thiamethoxam 25%WG

## **NO PACK**

Broad Spectrum Systemic insecticide having quick Contact and Stomach action for controlling wide range of sucking insects in a large number of crops.

### **Advantages :**

- Readily absorbed and translocated in plant tissue.
- Stops feeding of insects within 15 minutes.
- Economic in use as single spray.
- Gives better control to wide range of sucking pests.
- Safe to beneficial insects therefore suitable for use in IPM program.
- Does not cause pest resurgence.

### **Recommendations for Use:**

Crop	Target Pest	Dosage/Acre(gm)
Paddy	Brown Plant Hopper, White Back Plant Hopper, stem borer, gall midge, leaf folder	40-80
Cotton	Jassids, Aphids, whiteflies	40-80
Brinjal, Bhendi, Tomato	Jassids, Aphids, whitefly	80
Mustard, Potato, Cumin	Aphids	40-80
Mango	Hoppers	40
Tea	Moaquito Bug	40-80

# THRASH

Thiamethoxam 75% w/w SG



**Broad Spectrum Systemic  
insecticide having quick  
Contact and Stomach action  
for controlling wide range of  
sucking insects in a large  
number of crops.**

## Advantages :

- Readily absorbed and trans located in plant tissue.
- Stops feeding of insects within 15 minutes.
- Economic in use as single spray.
- Gives better control to wide range of sucking pests.
- Safe to beneficial insects therefore suitable for use in IPM program.
- Does not cause pest resurgence.

## Recommendations for Use:

Crop	Target Pest	Dosage ml/Kg seed
Rice	Leaf folder	7.5-10
	Stem borer	7.5
	Whorl Maggot	7.5-10

Available Packings : 1kg and 5kg



# **SLASH**

**Thiamethoxam 30%FS**

**Auditya**  
CROP CARE

## **NO PACK**

**Broad Spectrum Systemic  
insecticide having quick action  
for controlling  
wide range of sucking pests in  
Cotton, Paddy, Bhendi, and  
other Cereals.**

### **Advantages :**

- Has the ability to protect seeds and plants from a broad spectrum of sucking, chewing and soil pests, while providing a positive impact to plant health in many crops.
- Gives strong crop Vigor and Density to maximize crop potential and enhance the yield.
- Gives reliable performance under a wide-range of growing conditions.
- Acts as seed dresser for controlling Jassid, Aphids and Whitefly in many crops.
- Stops pests feeding within hours of ingestion and preventing subsequent crop damage.
- Gives long-lasting control from a broad spectrum of insect

### **Recommendations for Use:**

Crop	Target Pest	Dosage ml/Kg seed
Cotton	Jassids, Aphids, Whitefly	10ml
Sorghum,Maize	Shootfly	10ml
Wheat	Termites	3.3ml
Okra	Jassids	5.7ml
Rice	GLH, Whorl Maggot	3ml
Sunflower	Jassids, Thrips	10ml

# RIDER

Cypermethrin 10%Ec



- Non-Systemic Pyrethroid; a broad spectrum, non-cumulative and insecticide.
- Fast-Acting Neurotoxin with good Contact and Stomach action. Cypermethrin acts as a Stomach and Contact Insecticide.

### *Advantages :*

- Very effective even with small dose
- Broad Spectrum Insecticide against many pests of commercial crops.

### Recommendations for Use:

Crop	Target Pest Spotted bollworm American bollworm Pink bollworm	DosageFormulation (ml)/gm/Acre
Cotton		220-300
Cabbage	Diamond back moth	260-300
Okra	Fruit borer	220-300
Brinjal	Fruit & shoot borer	220-300
Wheat	Shoot fly	220
Sunflower	Bihar hairy caterpillar	260-300



# ATTACK

Cypermethrin 25%Ec



## Advantages :

- A composite non-systemic pyrethroid; a broad spectrum and non-cumulative insecticide.
- Fast-acting neurotoxin with good Contact and Stomach action.
- Structure is based on pyrethrum, a natural insecticide which is contained in chrysanthemum flowers.

## Recommendations for Use:

Crop	Target Pest	Dosage Formulation (ml)/gm/Acre
Bhendi & Brinjal	Shoot & Fruit borer Jassids	60-80

Pack Size: Available in 100 ml, 250 ml, 500 ml, 1000 ml, 5 lts Bulk in 20 lts and 50 lts drums



# PROFEN

PROFENOPHOS 50% E.C.



**Broad Spectrum  
Organophosphate  
INSECTICIDE & ACARICIDE.**

## Advantages :

- Quick knock down and longer duration of insect control.
- Strong OVICIDAL ACTION in addition to LARVICIDAL ONE
- Kills insects on lower and upper surfaces of leaves due to TRANS LAMINAR penetrating action.
- Excellent for control of neonate larvae
- Excellent control of Heliothis/other bollworms
- Effective against whitefly, mites and other sucking insect pests.
- More suitable for IPM programmes

## Recommendations for Use:

Crop	Target Pest	Dosage ml/Kg seed
Cotton	Bollworm (Heliothis, Spodoptera,PBW)	600-800
	Jassids, White Flies, Thrips and Aphids	400
TEA	Red Spider Mites, Pink Mites, Tea Mosquito Bug, Looper caterpillar, Thrips and Jassids	600-800

Available Packings : 250ml, 500ml, 1L and 5Lt.

# DR PROF SUPER 44

Profenofos 40%+  
Cypermethrin 4% EC



Non-systemic insecticide having contact and stomach action. It is effective against several insect pests (both chewing and sucking types).

## Advantages :

- Strong LARVICIDE, OVICIDE AND ACARICIDE
- Quick knock down and excellent control on hard to kill Boll-worm.
- Kills insects on LOWER&UPPER Surface of leaves due to its TRANS LAMINAR action
- Synergistic power with powerful STOMACH & CONTACT action
- Suitable for IPM programmes.

## Recommendations for Use:

Crop	Target Pest	Dosage ml/Kg seed
Cotton	Bollworm( Heliothis, Spodoptera and Pink Boll-Worm )	400-600
	Jassids, White Flies, Thrips and Aphids	400

Available Packings : 250ml, 500ml, 1Lt and 5Lt.



# FUNGICIES



## Metalaxyl 8%+ Mancozeb 64%WP



### Advantages :

- Systemic and Contact fungicide for Downy Mildew, Blotch, Late blight, Damping off etc.,
- Unique combination fungicide, besides controlling Downy Mildew in Grapes and many other crops
- Very effective for disease resistance management
- Suitable fungicide for Integrated Pest Management (IPM).

### Systemic and Contact Fungicide

#### Recommendations for Use:

Crop	Target Pest	Dose/acre(gm)
Grapes	Downy Mildew	200-350
Potato	Late blight	200-350
Tobacco	Damping off	200-350
Mustard	Rust and Blight	200-350

# TEXT NEED



# TEXT NEED

