Indo Bogher

Wide range of
PRODUCTS for better crop PROTECTION

[Quality Assured and ISO 9001:2015 Certified Company]
Insecticides were in use before man learned to write and early stone tablets are said to have referred to red squill as a rat poison. Homer in about 100 B.C., considered sulphur as pest avertong. Cato about 200 B.C. advised boiling a mixture of bitumen (mineral pitch or asphalt) in such away that the fumes would blow through grape leaves and thus make them free of insects. Romans used Hellebore for control of human lice. The toxic nature of arsenic was known to the Greek Physician Dioscorides (40-90 AD) and the Chinese were using arsenic sulphide to control garden pests before 900 AD. In the western world since 1669 arsenic was suggested for use in honey as an ant bait. Morco Polo, in writing of his travels, told of using oil for control of camel mange in 1300. By 1690 tobacco was being used for control of lace bug on pear trees. Pyrethrum was known and used by the Persians before 1800. The modern use of insecticides date from 1867 when Paris Green was first used for Colorado potato beetle control. Until 1939, most insecticides were inorganic chemicals and a few insecticides derived from plants. The discovery of the insecticidal properties of DDT in 1939 revolutionised our concept of insecticides and of insect control. Since then many new chemicals have been discovered. In 1941-42 English and French investigators discovered the value of BHC. During the then same period, the Germans advanced in the development of Parathion, TEPP, Malathion, Demeton and many more. Other families of chemicals are being investigated for possible insecticidal activity. Insecticides have been found among sulfones, sulfonates, carbamates and other classes of compounds.
``Indo Bogher Plant Science (P) Ltd.`` is one of the emerging Agri-Enterprise in Tamilnadu, with Salem as its Corporate Headquarters, engaged in manufacturing and marketing of a wide range of Insecticides, Herbicides, Fungicides and Plant growth promoters. Our Organization is run by an Agricultural Graduate with more than two decades of Professional experience and well supported by a Team of Agri Professionals, with relevant work knowledge and experience.

- To provide quality Agrochemicals to the farming community at affordable cost
- To pursue stringent process and quality parameters in our manufacturing process
- To follow transparent and ethical business policies that meet the expectations of all stake holders

Our Mission:

To become a prominent Agrochemical manufacturing and marketing company that supply quality products to the farming community that promote the concept of sustainable Agriculture.

Our Vision:

Our professional marketing team believes in hassle free, transparent business terms and always strive to follow the best ethical practices in the market and play a key role in nurturing the spirit of the business in the best interest of all stake holders.

Quality has always been of immense importance to us, and we have always ensured the availability of Quality products in the market that meet the stringent industry standards. It is manufactured using quality ingredients that are sourced from the trusted technical suppliers in the industry and are stringently tested and used while formulating the process. Our Quality testing laboratory is powered with ultra-modern instruments which aid in monitoring this process from the procurement of the ingredients to the delivery of the finished products.

We have, State of the art manufacturing facilities, built on a sprawling area, equipped with sophisticated machineries and cutting-edge technologies that synchronise with the recent technological advancements. Our infrastructure includes a Processing and packaging unit, Quality Testing Lab, Warehouse, and a well equipped R&D wing with an Administrative Office. In addition we have the support of our sister concern M/s Lakshmi pesticides for manufacture of conventional pesticides like Dust and EC formulations. Our trained Operational team can efficiently meet the market expectations in terms of timely delivery with zero tolerance to service and quality deficiencies.
<table>
<thead>
<tr>
<th>S.No</th>
<th>Crop Health</th>
<th>S.No</th>
<th>Crop Health</th>
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**Public Health**

- Bifenthrin 10% WP
- Alphacypermethrin 10% SC
- Deltamethrin 2.5% ULV
- Alphacypermethrin 10% SC
- Deltamethrin 2.5% WP
- Alphacypermethrin 10% SC
- Deltamethrin 2.5% WP
- Alphacypermethrin 10% SC
- Deltamethrin 2.5% WP
- Alphacypermethrin 10% SC

**Ternite Control**

- Bifenthrin 2.5% EC (Ternite Control)
- Chlorpyrifos 20% EC
- Chlorpyrifos 50% EC
- Chlorpyrifos 2% RTU
- Thiamethoxam 30% FSC
- Carbosulfan 25% DS

**Seed Treatment**

- Indoxacarb 14.5% SC
- Ultra Indoxacarb
- Indoxacarb 14.5% SC
- Indoxacarb 14.5% SC
- Indoxacarb 14.5% SC
- Indoxacarb 14.5% SC
# Product Range

## FUNGICIDES

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<td>Cuproxyl</td>
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## HERBICIDES

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## TECHNICALS

- Carbazolazin Technical 98% MIN
- Cypermethrin Technical 92% MIN
- Ferrvalate Technical 90% MIN
- Lambda Cyhalothrin Technical 90% MIN
- Profenofos Technical 89% MIN
- Malathion
- Chlorpyrifos
- Imidocloprid

## EXPORT FORMULATIONS

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## ACARICIDES

- Dicofol 18.5% EC
- Hexazin 3.42% EC
- Propargyl 57% EC
- Zinc Phosphate 80% W/W
- Elixir
- Paste Elixir
- Ral Kill
- Rain Master
- Goaltar
- Attract

## RODENTICIDE

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<tr>
<td>3.</td>
<td>Mapiquat Chloride 5% Aqueous Solution</td>
</tr>
<tr>
<td>4.</td>
<td>Paclobutrazol 23% W/W (25% W/V) SC</td>
</tr>
<tr>
<td>5.</td>
<td>Triarconol EC 3.05% min</td>
</tr>
<tr>
<td>6.</td>
<td>Triarconol EW 0.1% min</td>
</tr>
</tbody>
</table>
**ACCEPTOX**
Acephate 75% SP

**Target Crops**
Cotton, Safflower, Paddy

**Target Pests**
Bollworm, Jassid, Aphis, Stem borer, Leaf Folder, Plant hopper & GLH

<table>
<thead>
<tr>
<th>Dose</th>
<th>Available Packs</th>
</tr>
</thead>
<tbody>
<tr>
<td>250 - 400gm / acre</td>
<td>50gm, 100gm, 250gm, 500gm, 1kg</td>
</tr>
</tbody>
</table>

---

**Azadirin**
POWER 1%
Neem seed kernel Based EC Containing Azadiractin-1% (10000 ppm) min.

**Target Crops**
Tomato, Brinjal

**Target Pests**
Fruit borer (Helicoverpa armigera), Fruit and Shoot borer (Leucinodes orbonalis)

<table>
<thead>
<tr>
<th>Dose</th>
<th>Available Packs</th>
</tr>
</thead>
<tbody>
<tr>
<td>400 - 600 / acre</td>
<td>100ml, 250ml, 500ml, 1L</td>
</tr>
</tbody>
</table>

---

**BORRIS**
Buprofezin 25% SC

**Target Crops**
Grapes, Mango, Cotton, Rice, Chillies

**Target Pests**
Mealy bugs, Hoppers, Whiteflies, Aphis, Jassids, Thrips, BPH, GLH, WEPH, Yellow Mite

<table>
<thead>
<tr>
<th>Dose</th>
<th>Available Packs</th>
</tr>
</thead>
<tbody>
<tr>
<td>200 - 300ml / acre</td>
<td>250ml, 500ml</td>
</tr>
</tbody>
</table>

---

**Brophate**
Buprofezin 15% + Acephate 35% WP

**Target Crops**
Paddy

**Target Pests**
Brown plant hopper, White back Plant hopper

<table>
<thead>
<tr>
<th>Dose</th>
<th>Available Packs</th>
</tr>
</thead>
<tbody>
<tr>
<td>500gm / acre</td>
<td>500 gm, 1 kg</td>
</tr>
</tbody>
</table>

---

**Bhism**
Lambdacyhalothrin 4.9% CS

**Target Crops**
Grapes, Cotton, Tomato, Paddy, Brinjal, Okra, Chill, Soybean

**Target Pests**
Thrips & Flea beetle, Ballworms, Fruit borer, Stem borer, Leaf Folder, Shoot & Fruit borer, Thrips & Pod borer, Stemfly, Semilooper

<table>
<thead>
<tr>
<th>Dose</th>
<th>Available Packs</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 - 200 ml/acre</td>
<td>100ml, 250ml, 500ml, 1L</td>
</tr>
</tbody>
</table>
**Eurocombi**
*Chlorpyrifos 50% + Cypermethrin 5% EC*

**Target Crops**
Cotton, Rice

**Target Pests**
Aphid, Thrips, Jassid, White fly, American ballworm, Pink Ballworm, Spotted ballworm, Spotted litura, Stem borer, Leaf folder.

**Dose**
400 - 500ml / acre

**Available Packs**
100ml, 250ml, 500ml, 1lt, 5lt

---

**Indara**
*Thiamethoxam 25% WG*

**Target Crops**
Mango, Potato, Cotton, Wheat, Tea, Cumin, Tomato, Rice, Citrus, Brinjal, Okra, Mustard

**Target Pests**
Hoppers, Aphids, Jassids, Whiteflies, Mosquito bug, Helopeltis, Stem borer, Gell Mige, Leaf folder, BPH, WBPH, GLH, Thrips, Faylla

**Dose**
40 - 80gm / acre

**Available Packs**
10gm, 50gm, 100gm, 250gm, 500gm, 1 Kg

---

**Grande**
*Imidacloprid 70% WG*

**Target Crops**
Cotton, Cucumber, Rice, Okra

**Target Pests**
Jassids, Aphids, Thrips, Brown Plant Hoppers, White Backed Plant Hoppers

**Dose**
12 - 14gm / acre

**Available Packs**
30gm, 75gm, 150gm, 300gm

---

**Hyper**
*Cypermethrin 25% EC*

**Target Crops**
Cotton, Bhendi, Brinjal

**Target Pests**
Ballworms, Jassids, Thrips, Shoot & Fruit borer

**Dose**
60 - 80ml / acre

**Available Packs**
100ml, 250ml, 500ml, 1lt
**Indomida**

**Target Crops**
Grapes, Mango, Cotton, Sugarcane, Paddy, Citrus, Bhendi, Groundnut, Sunflower, Tomato, Okra

**Target Pests**
Flea beetle, Hopper, Aphid, Whitefly, Jassids, Thrips, Termite, BPH, WBPH, GLH, Leaf miner, Psylla

**Dose**
100 - 150 ml / acre

**Available Packs**
50 ml, 100 ml, 250 ml, 500 ml, 1 Lt

---

**Indoprid**

**Target Crops**
Cotton, Rice, Cabbage, Okra, Chilli

**Target Pests**
Whitefly, Jassids, Aphids, BPH, Aphids, Thrips

**Dose**
20 - 40 gm / acre

**Available Packs**
20 gm, 50 gm, 100 gm, 250 gm, 500 gm

---

**Indockron**

**Target Crops**
Cotton, Soybean

**Target Pests**
Bollworms (Heliothis), Aphids, Jassids, White flies, Thrips

**Dose**
460 - 800 ml / acre

**Available Packs**
100 ml, 250 ml, 500 ml

---

**Indo Benz**

**Target Crops**
Grapes, Red gram, Cabbage, Chickpea, Brinjal, Okra, Chilli

**Target Pests**
Thrips, Pod borer, Bollworms, Diamond back moth, Pod borer, Fruit & Shoot borer, Mites

**Dose**
40 - 90 gm / acre

**Available Packs**
10 gm, 50 gm, 100 gm, 250 gm, 500 gm, 1 kg
**iMASK**  
**Alphacypermethrin 10% SC**

**Target Crops**  
Cotton  
House Hold pest

**Target Pests**  
Cotton: Bollworm  
House Hold Pest: Adult Mosquitoes, Adult Houseflies, Cockroach

**Dose**  
10 - 20 ml / Ltr. of Water  
for House Hold use  
Available Packs: 100 ml, 250 ml, 500 ml, 1 Ltr

---

**Indara GOLD**  
**Thiacloprid 30% FG**

**Target Crops and Target Pests (Seed Treatment)**  
It is recommended for application as slurry with continuously operating commercial seed dressing equipment. For preparation of slurry proceed as follows:  
1. Put 1/3 of the required water into the mixer.  
2. Add the required quantity of thiacloprid 30% FG while stirring continuously.  
3. Allow the product to disperse.  
4. Switch the agitation system to air manually.  
5. Top up with the remaining volume of water.  
6. Maintain agitation of the slurry during the whole time of use.  
7. The slurry has to be used within 24 hours after preparation.  

**Application Procedure:**  
1. Prepare the slurry as described.  
2. Fill the seed into the metering  
3. Start mixing the seed.  
4. Add the required amount of slurry by pouring onto the mixing seed.  
5. Mix for about 30 seconds to one minutes to achieve a homogenous treatment. An extended mixing will lead to abrasion and dust forming.

**Available Packs:** 50 ml, 100 ml, 250 ml, 500 ml, 1 Ltr, 5 Ltr

---

**Indo ARMOR**  
**Fipronil 40% + Imidacloprid 40% WG**

**Target Crops**  
Sugar cane

**Target Pests**  
White grubs (Holotrichia consanguinea)

**Dose**  
200 gm / acre  
Available Packs: 40 gm, 100 gm, 250 gm

---

**INDOTHION**  
**Malathion 50% EC**

**Target Crops**  
Grape, Castor, Mango, Cereals, Sorghum, Tomato, Paddy, Cabbage, Radish, Fruit Trees, Cauliflower, Brinjal, Bhindi, Turai, Vegetable Sunflower, Apple

**Target Pests**  
Beetle, Jassids, semi looper, Mealy scale, Mango hopper, Sorghum midge, White fly, Rice hispa, Mustard Aphis, Head borer, Miris, Aphis jassid Spotted bollworm, Stem borer, Tobacco caterpillar, White fly, Wolly aphid, Sanjose scale

**Dose**  
400 - 600 ml / acre  
Available Packs: 100 ml, 250 ml, 500 ml  
1 Ltr, 5 ltr, 20 ltr
**KARGIL**
Lambdacyhalothrin 5% EC

**Target Crops**
Red gram, Mango, Cotton, Chickpea, Rice, Onion, Brinjal, Okra, Chilli, Groundnut

**Target Pests**
Pod borer, Pod fly, Hoppers, Bollworms, Jessid, Thrips, Shoot & Frit borer, Leaf folder, Stem borer, GLH, Gall midge, Hispa, Mte, Leaf hopper, Leaf miner

**Dose**
300 - 400ml / acre

**Available Packs**
100ml, 250ml, 500ml, 1lt, 5lt

---

**KATAVE**
Chlorpyrifos 50% EC

**Target Crops**
Cotton, Rice

**Target Pests**
Bollworms, Stem borer and Leaf Roller

**Dose**
500ml / acre

**Available Packs**
100ml, 250ml, 500ml, 1lt

---

**HARBAN GR**
Chlorpyrifos 10% GR

**Target Crops**
Rice

**Target Pests**
Stem Borer, Leaf Roller, Gall Midge

**Dose**
4kg / acre

**Available Packs**
1kg, 4kg

---

**Ladder**
Pyraclostrobin 40% + Cypermethrin 4% EC

**Target Crops**
Cotton

**Target Pests**
Bollworm complex

**Dose**
400 - 600ml / acre

**Available Packs**
100ml, 250ml, 500ml, 1lt, 5lt

---

**PREFECT**
Permethrin - 25% EC

**Target Crops**
Cotton

**Target Pests**
Bollworms

**Dose**
160 - 200 ml / acre

**Available Packs**
250ml, 500ml, 1lt
**QuikOX**

**Target Crops**
Cotton, Brinjal

**Target Pests**
American boll worm, Spotted boll worm, Jassids
Shoot and Fruit borer

**Dose**
400 - 500ml / acre

**Available Packs**
50ml, 100ml, 250ml, 500ml, 1Ltr, 5Ltr

---

**Rajatrin**

**Target Crops**
Cotton, Rice

**Target Pests**
Bollworms, Jassids, Thrips, Leaf folder, Stem borer, GLH, Gall Midge, Hispa

**Dose**
250 - 400ml / acre

**Available Packs**
100ml, 250ml, 500ml, 1Ltr, 5Ltr

---

**Regain**

**Target Crops**
Cotton, Sugarcane, Rice, Cabbage, Chilli

**Target Pests**
Aphids, Jassids, Thrips, Whitefly, Boll Worm, Root borer, Early
Shoot borer, Stem Borer, Brown plant hopper, Green leaf Hopper, Leaf
Flower, Rice gall midge, Wheat maggot, White backed plant hoppers,
Diamond back moth, Thrips, Fruit borer

**Dose**
250 - 350ml / acre

**Available Packs**
50ml, 100ml, 250ml, 500ml, 1Ltr

---

**Rooka**

**Target Crops**
Cardamom, Cotton, Cabbage, Brinjal, Chilli

**Target Pests**
Thrips, Capsule borer, Whiteflies, Aphids, Jassids, Mites, Diamond back moth

**Dose**
240 - 300gm / acre

**Available Packs**
25gm, 100gm, 250gm, 300gm, 500gm
**SHAARWAK**
Cartap Hydrochloride 50% SP

**Target Crops**
Rice

**Target Pests**
Stem borer, Leaf Folder

**Dose**
400 gm / acre

**Available Packs**
50gm, 100gm, 250gm

---

**Tetra Hex**
Oxythiazox 5.4% EC

**Target Crops**
Tea, Chilli, Apple

**Target Pests**
Scarlet mite (Brevipalpus phoenicis), Red Spider mite (Oligonychus coffeae), Yellow mites (Polyphagotarsonemus latus), European Red Mite

**Dose**
120 - 200ml / acre

**Available Packs**
100ml, 250ml, 500ml

**Available Packs**
1 Lt

---

**Mitfo1**

**Target Crops**
Bitter Gourd, Tea, Citrus, Brinjal, Okra, Litchi, Bottle Gourd

**Target Pests**
Red Spider Mite, Scarlet Mite, Pink Mite, Purple Mite, Yellow Mite

**Dose**
500 - 700ml / acre

**Available Packs**
160ml, 250ml, 500ml

---

**ZAREH**
Imidacloprid 30.5% EC

(A) Used to control termites in pre and post construction. Recommendation refer leaflet.

(B) Agricultural Crops: It should be used for control of jassids, Aphids & Trips in cotton and brown plant hopper and white Backed Plant hopper on rice @ 21-26.25 gm a.i./ha (60-75 ml formulation) diluted in 500-750 lt water.

**Dose**
2.5 - 30ml / acre liter of water

**Available Packs**
50ml, 100ml, 250ml, 500ml

---

**AFFODILL**
Triadiazole 18% + Mancozeb 62% (WP)

**Target Crops**
Paddy (Oryza sativa)

**Target Diseases**
Brown Spot (Helminthosporium oryzae), Blast (Pycnoria Oryzae), Grain Discoloration (Helminthosporium, Rhizoctonia, Pycnoria, Alternaria)

**Dose**
400 - 500 gm / acre

**Available Packs**
250gm, 500gm, 1kg

---

**RiZole**
Triadiazole 75% WP

**Target Crops**
Paddy

**Target Diseases**
Blast

**Dose**
120 - 160 gm / acre

**Available Packs**
120gm, 250gm, 500gm, 1kg
**Boxil**

**Target Crops**
Grapes, Tobacco (Nursery), Potato, Mustard, Black pepper, Pearl millet

**Target Diseases**
Downy Mildew, Damping off, Leaf blight / Blank Shanks (Soil drench at sowing and spray at 30 days sowing), Late blight, White rust and alternaria blight, Phytophthora foot rot, Downy mildew

**Dose**
750gm - 1kg / acre

**Available Packs**
50gm, 100gm, 250gm, 500gm, 2kg

---

**Cuproxyxl**

**Target Crops**
Grapes, Potato, Cardamom, Coffee, Banana, Tomato, Tobacco, Coconut, Citrus, Beta, Chillies

**Target Diseases**
Downy Mildew, Early Blight, Late Blight, Clump Rot, Leaf Spot, Black Rot, Rust, Fruit Rot, Leaf Spot, Black Sanker, Frog eye leaf, Bud Rot, Canker

**Dose**
1 - 3kg / acre

**Available Packs**
100gm, 250gm, 500gm, 2kg

---

**Dizole**

**Target Crops**
Grapes, Paddy, Chilli, Apple

**Target Diseases**
Anthracnose, Powdery mildew, Sheath blight, Die back, Fruit rot, Scab

**Dose**
50 - 100ml / acre

**Available Packs**
10ml, 50ml, 100ml, 250ml

---

**Dipro**

**Target Crops**
Paddy

**Target Diseases**
Paddy Sheath blight & Dirty panicle (Grain discoloration)

**Dose**
200 - 250ml / acre

**Available Packs**
50ml, 100ml, 250ml, 500ml, 1L
**FARMATE**

- **Target Crops**: Grapes, Potato, Tomato, Citrus
- **Target Diseases**: Downy mildew, Late Blight, Gummosis (Foot Rot)
- **Dose**: 600 - 800gm / acre
- **Available Packs**: 100gm, 300gm, 600gm, 1.2kg, 25kg

---

**Glint**

- **Target Crops**: Grapes, Mango, Tea, Rice, Groundnut, Apple, Soybean
- **Target Diseases**: Powdery mildew, Blister blight, Blast, Sheath blight, Tikka leaf spot, Sack, Rust
- **Dose**: 350 - 400ml / acre
- **Available Packs**: 100ml, 250ml, 500ml, 1L, 5L, 25L

---

**IB-Safe**

- **Target Crops**: Paddy, Groundnut
- **Target Diseases**: Blast, Leaf spot
- **Dose**: 250 - 300gm / acre
- **Available Packs**: 50gm, 100gm, 250gm, 500gm, 2kg

---

**Indothene**

- **Target Crops**: Grapes, Guava, Potato, Banana, Wheat, Cumin, Jowar, Tomato, Paddy, Cauliflower, Maize, Chilies, Groundnut, Apple
- **Target Diseases**: Angular leaf spot, Downy mildew, Anthracnose, Fruit rot, Late blight, Ear blight, Tip rot, Sigatoka leaf spot, Fusarium and rot, Brown & Black rust, Blast, Bacterial leaf blight, Leaf spot, Damping off, Tikka diseases & Rust Soapy Blotch
- **Dose**: 600 - 800gm / acre
- **Available Packs**: 100gm, 250gm, 500gm, 1kg, 25kg
**IND-SULF**

**Sulphur 80% WDG**

**Target Crops**
Grapes, Mango, Cumin, Cowpea, Guar, Rca, Apple

**Target Diseases**
Powdery Mildew, Scab

**Dose**
700gm - 1kg / acre

**Available Packs**
500gm, 1kg, 5kg, 20kg

---

**INDO SECURE**

**Carbendazim 25% + Mancozeb 50% WS**

**Target Crops**
Potato, Wheat, Paddy, Groundnut

**Target Diseases**
Late Blight, Black Scurf, Loose smut, Brown spot, Blast, Sheath blight, Collar rot, Dry root rot, Tikka leaf spot

**Dose**
6-7gm / 10kg Seed
30-35 gm / 10kg Seed

**Available Packs**
500gm, 1kg, 2kg

---

**Koyaxyl**

**Metalazyl 35% WS**

**Target Crops**
Maize, Bajra, Sorghum, Sunflower, Mustard

**Target Diseases**
Sorghum downy mildew, Sugarcane downy mildew, Philippine downy mildew, Brown stripe downy mildew, Downy mildew, White rust

**Dose**
600 - 700gm per 100kg seed
(seed treatment)

**Available Packs**
50gm, 100gm, 250gm

---

**Prozole**

**Propiconazole 25% EC**

**Target Crops**
Wheat, Tea, Rice, Groundnut, Soybean

**Target Diseases**
Karnal Bunt (Neoregelia Indica) Leaf rust / Brown rust (puccinia recondita f. sp. tritici) stem rust / Black rust (B. graminis f. sp tritici) Stripe rust / yellow rust (p. Striformis) Blister blight, Sheath blight, Sheath blight, Black spot, Late Leaf spot Rust

**Dose**
100 - 200ml / acre

**Available Packs**
100ml, 250ml, 500ml, 1lt
**Tebuzole**

*Target Crops*
Potato, Chillies

*Target Diseases*
Early blight & Late blight, Fruit rot (Anthracnose)

*Dose*
200 - 400ml / acre

*Available Packs*
50ml, 100ml, 250ml, 500ml, 1Lt

---

**Zenith**

*Target Crops*
Potato, Chillies

*Target Diseases*
Early blight & Late Blight, Fruit rot

*Dose*
300gm / acre

*Available Packs*
50gm, 100gm, 250gm, 500gm

---

**Zebra**

*Target Crops*
Potato, Groundnut

*Target Pest*
Early & late, blight, Tikka leaf spot, Rust

*Dose*
350 - 500gm / acre

*Available Packs*
100gm, 250gm, 500gm

---

**Accord**

*Target Crops*
Maize, Sugarcane

*Target Weeds*
Trianthema, Monogyna, Digeria arvensis, Echinochloa spp, Xanithum, Stammerium, Brachiaria spp, Amaranthus Viridis, Cleome viscosa, Digitaria Spp, Polygonum spp, Portulaca oleracea, Boerhavia diffusa, Tribulus terrestris

*Dose*
1kg / acre

*Available Packs*
500gm
**E-GUN**

**Target Crops**
Tea and non-crop

**Target Weeds**
Aeschynema indica, Sida aculeata, Isotoma digitata, Chichorium intibus, Digitaria sanguinalis, Paspalum conjugatum, Agiomarum caroxides, Cynodon dactylon, Cyperus rotundus, Eragrostis spp.

**Dose**
1.2 kg / acre

**Available Packs**
100gsm, 250gsm, 1 Kg

---

**Fabac**

**Target Crops**
Groundnut, Soyabean

**Target Pest**
Cyperus difformis, Triarchis perticariae, Commelina benghalensis, Eragrostis pilosa, Cyperus difformis, Echinochloa colonum, E. crus-galli, Echinochloa crus-galli, Crotalaria Speranous, Digitaria arvensis, Commelina benghalensis

**Dose**
400 - 600 ml / acre

**Available Packs**
250 ml, 500 ml, 1 Lit.

---

**Grasp**

**Target Crops**
Tea, Non-cropped areas

**Target Weeds**
Aeschynema compressus, Cyperus, dactylon, Imperata cylindrica, Polygonum perfoliatum, Paspalum scabium, Arundinella benghalensis, Kalm grass

**Dose**
1.5 Ltr / acre

**Available Packs**
500ml, 1lit, 5lit, 25lit

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**Indometri**

**Target Crops**
Wheat, Soyabean

**Target Weeds**
Phalaris minor, Chenopodium album, Melilotus spp., Cyperus cespitisp, Eragrostis spp., Digitaria spp., Cyperus esculentus, Borrichia sp.

**Dose**
Wheat 100 - 120gm / acre
Soyabean 200 - 300gm / acre

**Available Packs**
100gm, 250gm, 500gm
**Login**  
Oxyfurlur 23.5% EC  
**Target Crops**  
Potato, Tea, Rice, Onion, Groundnut, Mustard  
**Target Weeds**  
**Dose**  
200 - 400 ml / acre  
**Available Packs**  
50ml, 100ml, 250ml, 500ml, 1lt

---

**ParaJet 24**  
Paraquat Dichloride 24% SL  
**Target Crops**  
Grapes, Potato, Cotton, Wheat, Tea, Aquatic Weeds, Rice, Rubber  
**Target Weeds**  
**Dose**  
Vary from 500 ml - 1500 ml based on the usage.  
**Available Packs**  
250ml, 500ml, 1lt, 5lt, 25lt

---

**ELIXIR**  
Ethephon 39% SL  
**Target Crops**  
Pineapple, Pomegranate, Mango, Coffee (Arabica), Coffee (Robusta), Tomato, Rubber  
**Target**  
For flower induction, Defoliation for better flowering and fruit yield for breaking alternate bearing tendencies, for flower induction in juvenile mango, Post harvest treatment, Uniform ripening of berries. For boosting latex yield.  
**Dose**  
Read Leaflet  
**Available Packs**  
50ml, 100ml, 1lt

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**Goaltar**  
Paclobutrazol 23% W/W (25% W/V) SC  
**Target Crops**  
Mango tree  
**Target**  
Age 7 - 15 years - 15 ml  
Age 16 - 25 years - 20 ml  
Age more than 25 years - 25 - 40 ml  
**Available Packs**  
1lt
Handling Pesticides

Pesticides being toxic to human beings and domestic animals should be handled with utmost care. The following precautions should always be observed.

- The pesticides should always be stored in their original containers and kept in locked cupboard where they are out of reach of the children and domestic animals.
- They should be kept away from food or feed stuffs and medicines. The instruction found on the labels should be carefully read and strictly followed.
- Bags and containers of pesticides should be cut open with a separate knife intended for such purposes.
- The empty containers, after the use of the chemical, should be destroyed and should not be put into some other use.
- While preparing the spray solutions bare hands should not be used for mixing the chemical with water.
- Inhaling of pesticide sprays or dusts, and smoking, chewing, eating or drinking while mixing or applying the chemicals should be avoided.
- Spilling of pesticides on skin or clothing should as far as possible be avoided. The clothes should be washed after each operation.
- Particles or drops of pesticides which may accidentally get into eyes should be flushed out immediately with large volumes of clean water.

- It is preferable that protective clothing and devices are used while handling poisonous chemicals to avoid exposure to sprays or drifts.
- Dusting or spraying should never be done against the wind and it is preferable to have them done in cool and calm weather.
- Sprayer nozzles should not be blown by mouth if gets blocked while spraying. Washers and other contaminated parts should be buried.
- After handling pesticides hands, face and body should be washed and clothing changed.
- Washing of equipment after use and containers in or near wells, or streams should be avoided.
- Person engaged in handling pesticides should undergo regular medical check-up.
- In case of any suspected poisoning due to insecticides the nearest physician should be called immediately.
# Categories of Toxicity

<table>
<thead>
<tr>
<th>Classification of the Insecticides / Pesticides</th>
<th>Medium Lethal dose by the Oral route (acute toxicity) LD 50 mg/kg body weight of test animals</th>
<th>Medium Lethal dose by the dermal route (dermal toxicity) LD 50 mg/kg body weight of test animals</th>
<th>Warning symbol and statement on the label</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category RED (Extremely Toxic)</td>
<td>LD 50 (Oroil) (mg / kg) 1 to 50</td>
<td>LD 50 (Dermal) (mg / kg) 1 to 200</td>
<td>![Warning Symbol] POISON</td>
</tr>
<tr>
<td>Category YELLOW (Highly Toxic)</td>
<td>LD 50 (Oroil) (mg / kg) 51 to 500</td>
<td>LD 50 (Dermal) (mg / kg) 201 to 2000</td>
<td>![Warning Symbol] POISON</td>
</tr>
<tr>
<td>Category BLUE (Moderate Toxic)</td>
<td>LD 50 (Oroil) (mg / kg) 501 to 5000</td>
<td>LD 50 (Dermal) (mg / kg) 2001 to 20000</td>
<td>![Warning Symbol] DANGER</td>
</tr>
<tr>
<td>Category GREEN (Slightly Toxic)</td>
<td>LD 50 (Oroil) (mg / kg) More than 5000</td>
<td>LD 50 (Dermal) (mg / kg) More than 20000</td>
<td>![Warning Symbol] CAUTION</td>
</tr>
</tbody>
</table>