CROP PROTECTION OFFERINGS

A advanced tool towards global food security

Plant Smiles... Grow Laughter... Harvest Love!

Corporate overview

SWAL Corporation Limited (formerly known as Shaw Wallace Agrochemicals Limited) is one of the pioneers in the Indian Agrochemical Industry. Committed to the progress of Indian farmers for more than nine decades, our core competency lies in marketing of pesticides and fertilizer mixtures. We are a major player in the industry, enjoying a leadership position in branded sales of Acephate (Starthene) and Ethion (MIT 505). We also have the highest market share in Organic Fertilizer segment in major consuming states of Kerala and Maharashtra with brand name Sterameal.

We have four fertilizer mixing units at Karamadai (Tamil Nadu), Kottayam, Calicut and Kannur (Kerala). Besides, the company also has a job work arrangement for fertilizer mixing at Pune.

Our People to Farmer (P2F) team encompasses an All-India sales and distribution network comprising of 150 Plus expert technocrats in the field. Apart from marketing our products, the field force demonstrates their right usage by interacting with the farmers on all aspects of farming technology.

We have a well orchestrated distribution network spanning 24 stock points and about 4000 dealer outlets ensuring availability of our products at the right time and the right place. Together we ensure that farmers get quality product at a most competitive price.

Our Mission

Swal Corporation Limited promotes Integrated Pest Management as a mean of improving of farmer's livelihood by increasing the productivity and quality of the produce, while sustaining the environment and natural resources for future generation.

- ☑ To propel the growth of the agrochemical market through world class products
- ☑ To anticipate and meet the changing needs of our demanding customers
- ☑ To nurture, develop and empower our people and vendors
- ☑ To maintain meticulous standards in quality, cost and distribution
- ☑ To imbibe a work culture conducive to performance through networking

Our Vision

Swal Corporation Limited aims at promoting the best possible combination of measure –Chemical, biological and cultural – to deliver cost effective, environmentally sound and socially acceptable methods of increasing productivity, managing insects, disease and weeds. We thrive on current and new business opportunity while leveraging our core competences of human capita, quality and integrity.

Future Thrust

SWAL Corporation is committed to customer delight by providing high quality products and best service at competitive price. We shall strive to do this by regularly enhancing our product portfolio through:

- ☑ Continuous updating of technology and resources.
- ☑ Recognizing and deploying talent through empowerment of people.
- ☑ Capturing market information and Knowledge Management.
- ☑ Using efficient supply chain measures to meet the market requirements.

VALUE CHAIN OFFERINGS

Value Chain

Land Preparation

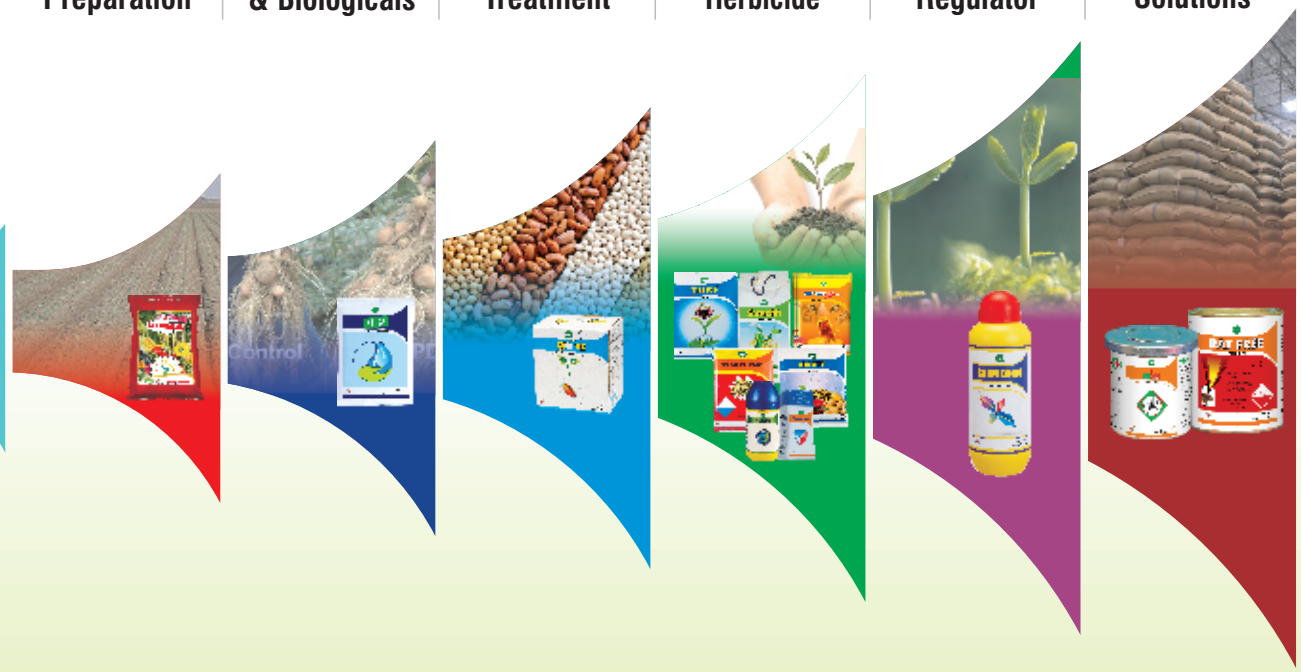
Adjacent Technologies & Biologicals

Seed Treatment

Crop Protection
Insecticide
Fungicide
Herbicide

Plant Growth Regulator

Post Harvest Solutions



SWAL CORPORATION LTD.

Plant Smiles... Grow Laughter... Harvest Love!

ADJACENT TECHNOLOGY

ADJACENT TECHNOLOGY

Zeba® is a patented, biodegradable starch based superabsorbent that absorbs and releases water as needed by plants. Zeba® helps growers produce consistently high quality, more yield by efficient use of water and nutrients

ZEBA Features

- Natural cellulose based biodegradable super absorbent technology
- Made from natural cornstarch
- Absorbs more than 500 times its weight in water, and releases up to 95% of held moisture back to the plant. Will hydrate and re-hydrate over and over throughout a growing season. (subject to soil type, temperature, moisture)
- Increases soil porosity and structure

ZEBA Advantages

- Greater absorption capacity
- 'Loose' hydrogen bond, providing superior 'water release'

ZEBA Benefits

1. **Improves Water & Nutrient use Efficiency**
   - Increases soil's moisture content, retention and supply to vegetation
   - Increases soil porosity for improved passing of water and oxygen
   - Keeps plants cooler, increasing photosynthesis rate
   - Helps plant to protect leaching effect of nutrients thereby increasing nutrients uptake
2. **Increases Crop Yields**
   - Increases plant quality and yields
   - Improves plant survival rate during critical development periods
   - Greatly improves rate of seed germination and emergence
   - Eliminates moisture stress in plants, creating larger plant biomass
   - Creates more rigorous root development
   - Improves plant survival rate during transplanting
3. **Environmentally, Socially, Economically Responsible**
   - Biodegradable and safe for all plants and vegetables

Coming Soon

Dose: 5 kg per acre

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PGR & FERTILIZERS

STERAMEAL

Composition : Concentrated organic manure blended with animal origin, Ideal for organic farming

Major Crops : Grapes, Apple, Pomegranate, Cashew, Mango, Black Pepper, Banana, Coconut, Sugarcane Rubber, Coffee, Cardamum Paddy, Vegetables, Chillies & all crops

Benefits :

- Availability of plant Nutrients (N:P:K) for a longer time
- Improves quality, quantity and keeping quality of fruits
- Enhances microbial activity, humus content, water holding capacity and aeration of soil

Available Packs : 1 Kg, 5 Kg, 50 Kg

Dose/acre :
Field crops & vegetables: 200-250 kg
Fruits & Plantation: 800-1000 Kg

GROWSTAR

Composition : 100 % water soluble fertilizer (N.P.K)

Major Crops : Can be used for all crops as per the deficiency noticed

Benefits :

- It gives a nutritional boost to the crop that gives increased yield, better resistance to pest and diseases, increased drought tolerance and improves crop quality

Key Features :

- High purity, 100 % water soluble
- Very low salt index
- Sodium and chloride free
- No heavy metals
- Balanced nutrient composition
- Available in Fertigation and Foliar grades

Grades : 1) Ca(NO3)2 - Calcium Nitrate
2) 12:61:00 3) 0:52:34 4) 13:00:45
5) 00:00:50 6) 19:19:19 7) NPK 13.40.13
8) Potasium Schoenite 00.00.23

Dose/acre : 5-6 Kg, 2-3 times

BOOM BOOM

Composition : Aminoacids enriched with plant growth substances and essential trace minerals

Major Crops : Cotton, Soybean, Paddy, Groundnut, Tomato, Chilli, Vegetables etc.

Benefits :

- Induce flowering and fruiting
- Reduce flower and frut drop
- Improve fruit size, qulity and colour

Dose/acre : 300 ml

STARPHOS

Starphos provides the source of phosphorous to plant and better root development. It contains 18 % P_2O_5 which is citric soluble

Can be used as basal application at the time of planting and for producing blended chemical fertilizer at farmers field

Best for plantaion crops Rubber Cardamom, Tea and Coffee etc.

Packing: 50 kg

Dose/acre : 400-500 Kg

AGRICULTURE STAR BRAND CHEMICALS

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PGR & FERTILIZERS

STAR BAND BONE MEAL

Natural source of nitrogen (2.5-3%) phosphate to plants with an analysis of 18-20 %

Improve soil microbial activity, root developments, texture and structure of soil

Available Packs : 50 Kg

Dose/acre :
Field crops & vegetables: 150-200 Kg
Fruits & Plantation: 800-1000 Kg

CROP ZINC

Used for curing mineral deficiency of Zinc, helps in chlorophyll, auxin and growth hormone production.

Its available in Hypta zinc 21% and Mono hydrate zinc 33% both.

Available Packs : 1 Kg, 5 Kg, 10 Kg,

25 kg 50 kg

Dose/acre : 8-10 Kg

MAGRICH

Rich source of magnesium (9.6 %) to plants. $MgSo_4$ helps to reduce the deficiency symptom of chlorosis. Can be mixed with straight fertilizers and apply immediately to the field

Available Packs : 25 Kg, 50 Kg

Dose/acre : 10-15 Kg

APNA STAR

Compositio: Its City Compost organic fertilizer having Total N 0.8% P205 0.8% K20 0.4% Organic Carbon 12% and C:N Ration <20 alongwith trace elements of Micronutrients

Major Crops: All Horticultural crops and field crops alongwith Vegetables and kitchen gardening Nurserry etc.

Benefits: Improves soil structure. Enhences microbiol activity in soil,Humas, Organic Carbon and water holding capacity of soil

Improves quality and shelf life of fruits

Increases yield of crop alongwith helping in nutrient upatake from soil to plants

Available Packs: 40 Kg

Dose/Acre: Field Crops : 200-250 kg per acre
Fruit & plantation crops: 800-1000 kg per acre

Mega Star (Neem Gold)

Composition: Its Neem based Organic Manure having 5-8% Nitrogen

Major Crops: All field frops horticultiral crops Vegetables and Nursery etc

Benefits: Improves soil health alongwith nutrient uptake and provide organic N to soil

Best suited product for Nematodes control.

Better yield alongwith better quality produce

Available Packs: 40 kg

Dose/Acre: Field crops: 200-250 kg/acre
Horticulture crops : 800-1000 kg/acre

PGR &FERTILIZERS

PGR & FERTILIZERS

Mega Star (Neem DOC)

Composition: Its Neem based Organic Manure having 5-8% Nitrogen

Major Crops: All field frops horticultiral crops Vegetables and Nursery etc.

Benefits: Improves soil health alongwith nutrient uptake and provide organic N to soil Best suited product for Nematodes control Better yield alongwith better quality produce

Available Packs: 50 kg

Dose/Acre: Field crops: 200-250 kg/acre
Horticulture crops: 800-1000 kg/acre

Mega Star (Castor Cake)

Composition: Its castor cake organic manure having organic Nitrogen from 5-8%

Major Crops: for All crops

Benefits: Increases water holding capacity of soil along with improvement in soil structure and Nutrient upatake in soil resulting better yield with quality produce

Available Packs: 50 kg

Dose/Acre: Field crops: 200-250 kg/acre
Horticulture crops: 800-1000 kg/acre

CALSTAR B (Apple)

Composition: 100% water soluble fertilizer containing amino chelated Calcium (30% as CaO and Boron 4%)

Major Crops: Apple

Benefits: Both Calcium and Boron are part of cell wall hence they are important for fruit setting, development and quality. They have synergistic effects on each other's mobility and metabolism, both in soil as well as in plants

Key Features :

- 100% water soluble fertilizer mixture containing Calcium and Boron
- Increases bio-availability of both Calcium and Boron to crop
- Improves fruit size
- Improves fruit quality and shining
- Improves shelf life of the produce

Available Packs: 1 Kg

Dose/acre :For foliar application: 2 g/lt of water
For drip application: 1 kg/acre
For soil application: 2 kg/acre

CALSTAR B (All Crop)

Composition: 100% water soluble fertilizer containing amino chelated Calcium (30% as CaO and Boron 4%)

Major Crops: All Crops

Benefits: Both Calcium and Boron are part of cell wall hence they are important for fruit setting, development and quality. They have synergistic effects on each other's mobility and metabolism, both in soil as well as in plants

Key Features :

- 100% water soluble fertilizer mixture containing Calcium and Boron
- Increases bio-availability of both Calcium and Boron to crop
- Improves fruit size
- Improves fruit quality and shining
- Improves shelf life of the produce

Available Packs: 250g &1 Kg

Dose/acre :For foliar application: 2 g/lt of water
For drip application: 1 kg/acre
For soil application: 2 kg/acre

AGRICULTURE STAR BRAND CHEMICALS

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PGR & FERTILIZERS

GROWSTAR (CN with Boron)

Composition : 100 % water soluble fertilizer

Major Crops : Can be used for all crops as per the deficiency noticed

Benefits :

- It gives a nutritional boost to the crop that gives increased yield, better resistance to pest and diseases, increased drought tolerance and improves crop quality
- It provides Nitrogen in Ammonical and Nitrate form, water soulble Calcium and Boron to the plants
- Best for use as soil application Drenching Fertigation etc.

Key Features :

• High purity, 100 % water soluble • Very low salt index • Sodium and chloride free • No heavy metals • Balanced nutrient composition

Dose/acre : 5-6 Kg, 2-3 times

GROWSTAR (Calcium Nitrate)

Composition : 100 % water soluble fertilizer

Major Crops : Can be used for all crops as per the deficiency noticed

Benefits :

- It gives a nutritional boost to the crop that gives increased yield, better resistance to pest and diseases, increased drought tolerance and improves crop quality
- It provides Nitrogen in Ammonical and Nitrate form and Water solubleCalcium.
- Best for use as soil application drenching Fertigation etc.

Key Features :

• High purity, 100 % water soluble • Very low salt index • Sodium and chloride free • No heavy metals • Balanced nutrient composition

Dose/acre : 5- 6 Kg, 2-3 times

SUPER SWAL GROWTH

Composition: 100% water soluble Micro nutrient mixture fertilizer (pH stabilized) for soil application, as per various state approved grades

Major Crops: All Crops

Benefits: it supplies various micro nutrients to the crops even at higher pH. Its special formulation technology, increases the bio-availability of micro nutrients. It provides balanced nutrition to the crops, ensuring healthy crop growth, better yield with superior quality

Key Features :

- High quality, 100% water soluble
- Can be given even through drip
- Special soil pH stabilized formulation

Dose/Acre: For soil application: 2.5 kg/acre
For drip application: 1.5 kg/acre

STARBOR

Composition: 100% water soluble micro nutrient fertilizer containing Disodium Octaborate Tetrahydrate (DOT), Boron 20%

Major Crops: All Crops

Benefits: Boron is integral part of plant cell wall along with Calcium, it promotes better development and quality of the produce

Key Features :

- 100% water soluble micronutrient fertilizer containing Boron
- Improves fruit setting
- Increases fruit size

Dose/acre : For foliar application: 250 g in 200 lt water/acre.
For drip application: 500 g/acre.
For soil application: 2 kg/acre.

PGR & FERTILIZERS

Blended Chemical Fertilizers

(For Tamilnadu and Kerala state only)

Blended chemical fertilizers are those fertilizers which contains all major plant nutrients which are crop specific; area depended and grades are blended as per recommendation by Agricultural University of respective states.

Pack Available: 50 Kg

Crop	Grade	Dose
Horticultural & Plantation crops	18:18:18	0.250-0.500 g/plant
Young Rubber	10:10:4	900 g/plant in two split doses
Tapping Rubber	10:10:10	900 g/tree in two split doses
Coconut	10:5:20	2 -4 Kg/tree in two split doses
Banana & tuber crops	8:8:16	250 -500 g/plant/application
Potato (TN)	6:12:6	500 Kg/acre
Vegetables (TN)	9:9:9	500 Kg/acre
For all crops (TN)	17:17:17	100 Kg/acre
Tea (Amonium Sulphate) (TN)	16 : 0 : 12	500 Kg/acre
Tea (Urea) (TN)	26 :0 :26	500Kg/acre

HERBICIDE

HERBICIDE

PATELA

Technical Name : Sodium Acifluorfen 16.5% + Clodinafop-Propargyl 8% EC

Type: Selective post emergence Herbicide

Mode of Action : Systemic

Major Crops : Soybean

Target Weeds : *Echinochloa spp., Eleusine indica, Digitaria sanguinalis, Dactyloctanium aegyptium, Acalypha indica, Digeria arvensis, Euphorbia spp.*

Dose/acre : 400 ml

SWACHH

Technical Name : Pretilachlor 6% + Pyrazosulfuron-ethyl 0.15% GR

Type: Selective pre-emergence Herbicide

Mode of Action : Inhibition of acetolactate synthase

Major Crops : Transplanted Paddy

Target Weeds : *Echinochloa crusgalli, Echinochloa colonum, Eclipta alba, Cyperus iria, Cyperus difformis, Fimbristylis miliacea*

Dose/acre : 4 kg

AUDI

Technical Name : Pyrazosulfuron Ethyl 10% WP

Type : Selective and pre-emergence Herbicide

Mode of Action : Systemic

Major Crops : Paddy

Target Weeds : *Cyperus iria, Cyperus difformis, Fimbristylis miliacea, Monochoria Vaginalis, Ludwigia parviflora*

Dose/acre : Main field - 80 g, Nursery - 20 g/Kanal*

*1 Kanal= 505.85 m^2 or 1/8th of acre

PANDORA

Technical Name : Pendimethalin 38.7% CS

Type: Selective & Pre-plant incorporation Herbicide

Mode of Action : Cell division inhibitor

Major Crops: Soybean, Cotton, Chilli, Onion

Target Weeds : *Echinochloa colonum, Digitaria sanguinalis, Dactyloctinum aegyptium, Amaranthus viridis, Euphorbia geniculata*

Dose/acre : 600-700 ml

NEW LAUNCH

CLOMET

Technical Name: Metribuzin 42%+ Clodinafop-propargyl 12 % WG

Type: Post emergence, selective Herbicide

Mode of Action: Lipid formation inhibitor & Photosynthesis inhibitor

Major Crops: Wheat

Target Weeds: *Phalaris minor, Rumex spp, Avena Spp, Chenopodium album, Melilotus Spp, Medicago denticulate, Anagallis arvensis*

Dose/Acre: 200 g (Clomet) + 500 ml C-mix (Surfactant)

SATASAT

Technical Name : Sulfosulfuron 75%+ Metsulfuron methyl 5% WG

Type: Post emergent, selective Herbicide

Mode of Action : Amino acid biosynthesis inhibitor

Major Crops : Wheat

Target Weeds : *Phalaris minor, Rumex spp. Chenopodium spp., Medicago denticulata, Coronopos dedymus, Melilotus alba, Anagallis arvensis*

Dose/acre : 16 g (Satasat) + 500 ml S-mix (Surfactant)

AGRICULTURE STAR BRAND CHEMICALS

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HERBICIDE

HERBICIDE

SANDESH

Technical Name : Clodinafop propargyl 15%+ Metsulfuron methyl 1% WP

Type: Broad spectrum selective (Post emergent) Herbicide

Mode of Action : Inhibition of amino acid and lipids production

Major Crops : Wheat

Target Weeds : *Phalaris minor, Chenopodium Spp., Medicago denticulata, Coronopos dedymus, Rumex spp. Melilotus alba, Anagallis arvensis.*

Dose/acre : 160 g (Sandesh) + 500 ml S-mix (Surfactant)

SWAL PENDI

Technical Name : Pendimethalin 30 % EC

Type: Pre-emergence and Selective Herbicide

Mode of Action : Cell division inhibitor

Major Crops : Soybean, Cotton, Paddy, Wheat

Target Weeds : *Echinochloa spp., Euphorbia spp., Amarnanthus viridis, Portulaca oleracea, Trianthema Spp., Eleusine indica*

Dose/acre : 1-1.6 ℓ

SWAT

Technical Name : Paraquat Dichloride 24 % SL

Type: Non-Selective, Post emergent Herbicide

Mode of Action : Contact-Photosynthesis inhibitor

Major Crops : Tea, Potato, Cotton, Grape, Rubber, S'Cane, Sunflower, Rice, Wheat, Maize, Apple

Target Weeds : *Imperata cylendrica, Setaria spp., Commelina benghalensis, Boerhavia hispida, Chenopodium Spp.*

Dose/acre : 500-1000 ml

METRISTAR

Technical Name : Metribuzin 70% WP

Type: Selective herbicide

Mode of Action : Systemic

Major Crops : Soybean, Wheat

Target Weeds : *Digitaria spp., Phalaris minor, Chenopodium album, Melilotusspp, Cyperus esculentus, C. campestris, Borreriasp, Eragrostis spp.*

Dose/acre : 100-300 g

DRYPHOSATE

Technical Name : Glyphosate 41 % SL

Type: Non-Selective and Post-emergent Herbicide

Mode of Action : Systemic -Enzyme inhibitor

Major Crops : Tea and Non-cropped areas

Target Weeds : *Axonopus compressus, Cynodon dactylon, Kalm grass, Polygonum sp. Arundinella, Paspalum*

Dose/acre : 800-1200 ml

WEEDSTAR AMINE

Technical Name : 2, 4 - D Amine Salt 58% SL

Type: Selective, Post emergence Herbicide

Mode of Action : Systemic

Major Crops : Sugarcane, Wheat, Maize, Potato, Sorghum

Target Weeds : *Commelina bengalensis, Cyperusiria, Chenopodium album, Melilotus alba, Polygonum spp., Digitaria Spp.*

Dose/acre : 500-1000 ml

AGRICULTURE STAR BRAND CHEMICALS

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HERBICIDE

HERBICIDE

STARWIN

Technical Name : Imazethapyr 10% SL

Type: Selective, Post emergence Herbicide

Mode of Action : Systemic-Acetolactate synthase (ALS) inhibitor

Major Crops : Soybean & Groundnut

Target Weeds : *Echinochloa spp., Euphorbia hirta, Digeria arvensis, Cyperus difformis*

Dose/acre : 400-600 ml

TOPPLE

Technical Name : Clodinafop propargyl 15% WP

Type: Selective post-emergent Herbicide

Mode of Action : Systemic-Lipid biosynthesis blocker

Major Crops : Wheat

Target Weeds : *Phalaris minor*

Dose/acre : 160 g

ATTRASTAR

Technical Name : Atrazine 50% WP

Type: Pre & early post emergence selective Herbicide

Mode of Action : Systemic-Photosynthesis inhibitor

Major Crops : Maize, Sugarcane, Bajra

Target Weeds : *Echinochloa spp., Eleusine spp., Xantheium strumarium, Brachiaria sp., Digitaria sp., Amaranthus viridis, Polygonumspp,Trianthama monogyna*

Dose/acre : 400-800 g

FUNGICIDE

FUNGICIDE

TURF

Technical Name : Carbendazim 12 % + Mancozeb 63 % WP

Mode of Action : Systemic and Contact

Major Crops : Rice, Groundnut, Potato, Tea, Grape, Mango

Target Disease : Blast, Blight, Blackscurf, Die back, Black rot, Downey mildew, powdery mildew, Anthracnose and Leaf spot

Dose/acre : Foliar spray : 350-500 g
Seed Treatment : 3 g / Kg of seeds

STARGEM 45

Technical Name : Mancozeb 75% WP

Mode of Action : Contact

Crops : Wheat, Maize, Paddy, Chilli, Potato, Tomato, Groundnut, Graps, Banana, Apple & Cumin.

Target Diseases : Rust, Blight, Downy mildew, Blast and Leaf spot

Dose/acre : Foliar spray: 600-800 g
Seed Treatment : 3 g/Kg of seeds

TRISTAR

Technical Name : Tricyclazole 75 % WP

Mode of Action : Systemic

Major Crops : Rice

Target Diseases : Blast

Dose/acre : 120-160 g

NAUTEC

Technical Name : Zineb 75% WP

Mode of Action : Contact

Major Crops : Paddy, Wheat, Onion, Potato, Tomato, Chillies, Brinjal, cumin, Apple, Citrus, Grapes and Guava

Target Diseases : Blast, Rust, Blight, Downy mildew, Fruit rot, Leaf spot, Anthracnose and Scab

Dose/acre : 600-800 g

PROPASTAR

Technical Name : Propiconazole 25% EC

Mode of Action : Systemic

Major Crops : Wheat, Groundnut, Rice, Tea and Soybean

Target Diseases : Karnal bunt, Rust, Sheath Blight, Cercospora Leaf spot, Blister blight

Dose/acre : 200-300 ml

SEED TEC

Technical Name : Tebuconazole 2% DS

Mode of Action : Systemic Fungicide

Major Crops : Wheat, Groundnut

Target Disease : Loose smut, Flag smut, Collar rot, Root rot, Stem rot

Dose for Seed Treatment : 1 g / Kg of seeds

FUNGICIDE

FUNGICIDE

HEXASTAR PLUS

Technical Name : Hexaconazole 5% SC

Mode of Action : Systemic

Major Crops : Rice, Grape and Mango

Target Disease : Powdery Mildew & Sheath blight

Dose/acre : 300-400 ml

STARBENZ

Technical Name : Carbendazim 50 % WP

Mode of Action : Systemic and Protective

Major Crops : Paddy, Wheat, Maize, Cotton, Chilli, Apple and Grapes

Target Disease : Blast, Sheath blight, Loose smut, Powdery mildew, Anthrachose, Scab, Damping off

Dose/acre : Foliar spray 100-120 g

Seed Treatment : 2g / Kg of seeds

HEXASTAR

Technical Name : Hexaconazole 5% EC

Mode of Action : Systemic

Major Crops : Paddy, Groundnut, Tea, Soybean, Grape, Apple, Mango and Chilli

Target Disease : Sheath bilght, Blast, Tikka, Leaf spot, Rust, Blister blight, Powdery Mildew and Scab

Dose/acre : 300-400 ml

STARSULF

Technical Name : Sulphur 80 % WG

Mode of Action : Contact

Major Crops : Apple, Grape, Mango, Pulses, Cumin

Target Diseases : Powdery mildew

Dose/acre : Foliar Spray - 500-1000 g

Soil application - 3 to 5 Kg

INSECTICIDE

INSECTICIDE

STARTHENE

Technical Name : Acephate 75% SP

Mode of Action : Contact and Stomach action

Major Crops : Cotton, Paddy, Vegetables

Target Pests : Aphids, Jassids, Mealy bug, BPH, GLH, Stem borer, Leaf folder, Bollworm

Dose/acre : 350-500 g

MONOSTAR

Technical Name : Monocrotophos 36% SL

Mode of Action : Contact & Stomach

Major Crops : Paddy, Maize, Cotton, Tea, Pulses, Mustard, Citrus, Mango

Target Pests : BPH, GLH, Yellow Stem borer, Leaf roller/folder, Aphids, Thrips, Whitefly

Dose/acre : 350 ml

STARTHENE POWER

Technical Name : Acephate 50%+ Imidacloprid 1.8% SP

Mode of Action : Systemic, Contact and Stomach action

Major Crops : Cotton, Paddy, Vegetables

Target Pests : Jassids, Aphids, Thrips, Whitefly, Leaf minor, Mealy bug, BPH

Dose/acre : 500 g

PANAMA

Technical Name : Flonicamid 50% WG

Mode of Action : Systemic and stomach

Major Crops : Cotton, Paddy

Target Pests : Aphids, Jassids, Whitefly, BPH, WBPH, GLH

Dose/acre : 80 g

NEW LAUNCH

KABUKEY

Technical Name: Flubendiamide 20% WG

Mode of Action: Muscle contraction with contact and stomach action

Major Crops: Cotton, Tomato, Red Gram, Paddy, Cabbage & Pulses

Target Pests: American bollworm, Fruit borer, Pod borer, Stem borer Leaf folder, DBM

Dose/Acre: 80-100 g

MIT 505

Technical Name : Ethion 50 % EC

Mode of Action : Contact insecticide

Major Crops : Cotton, Chilli, Gram, Tea, Soybean

Target Pests : Mites, Thrips, Whitefly, Pod borer, Bollworms

Dose/acre : 500 ml

STARCLAIM

Technical Name : Emamectin benzoate 5% SG

Mode of Action : Contact & Stomach

Major Crops : Cotton, Chilli, Tomato, Pulses, Okra, Brinjal, Cabbage, Grapes

Target Pests : Heliothis, Spodoptera, DBM, Thrips

Dose/acre : 100 g

HECTASTAR

Technical Name : Bifenthrin 10 % EC

Mode of Action : Contact & Stomach

Major Crops : Cotton, Rice

Target Pests : Bollworm, Whitefly, GLH, Leaf folder

Dose/acre : 350 ml

AGRICULTURE STAR BRAND CHEMICALS

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INSECTICIDE

INSECTICIDE

BATTALION

Technical Name : Thiamethoxam 25% WG

Mode of Action : Systemic, Stomach and Contact

Major Crops : Cotton, Paddy, Okra, Tomato, Brinjal, Wheat, Mustard, Potato, Mango, Tea, Citrus

Target Pests : Jassids, Aphids, Whitefly, BPH, WBPH

Dose/acre : 100 g

RELAY 101

Technical Name : Cypermethrin 3% + Quinalphos 20% EC

Mode of Action : Contact & Stomach

Major Crops : Brinjal, Cotton

Target Pests : Shoot & fruit borer, American bollworm, Spotted bollworm, Jassid

Dose/acre : 250-500 ml

DOUBLE STAR

Technical Name : Chlorpyriphos 50% + Cypermethrin 5% EC

Mode of Action : Contact and Stomach

Major Crops : Cotton, Paddy,

Target Pests : Aphids, Whitefly, Jassids, Thrips, Spodoptera, Spotted, American, Pink Bollworm, Stem borer, Leaf folder,

Dose/acre : 300-400 ml

STAR GAZETTE

Technical Name: Fipronil 5% SC

Mode of Action: Stomach and contact

Major Crops: Sugarcane, Rice, Cabbage, Chilli, Cotton

Target Pests: Stem borer, Early Shoot Borer, BPH, GLH, leaf folder, Rice gall midge, white backed plant hopper, DBM, Chilli- Thrips, Aphid, Fruit borers, Bollworms

Dose/Acre: 400-500 ml

MIT PLUS

Technical Name : Ethion 40%+ Cypermethrin 5% EC

Mode of Action : Stomach and contact

Major Crops : Cotton, Chilli, Pulses, Tea

Target Pests : Mites, Thrips, Whitefly, Pod borer, American Bollworms, Heliothis & Spodoptera

Dose/acre : 400-500 ml

STARCHLOR

Technical Name : Dichlorvos 76 % EC

Mode of Action : Contact, Stomach & respiratory

Major Crops : Paddy, Wheat, Sugarcane, Groundnut, Mustard, Sunflower, Soybean, Castor, Cucurbit, Cashew

Target Pests : BPH, Cutworm, Leaf roller, GLH, Pyrilla, Caterpillar, Red Pumpkin beetle, Cashew-Apple Borer

Dose/acre : 300 ml

TRIAZOSTAR

Technical Name : Triazophos 40% EC

Mode of Action : Stomach and Contact

Major Crops : Cotton, Paddy, Soybean

Target Pests : Bollworms, Whitefly, Leaf folder, Stem Borer, Girdle Beetle, Leaf miner, Semi looper

Dose/acre : 400 ml

IMIDASTAR

Technical Name : Imidacloprid 17.8 % SL

Mode of Action : Stomach and Contact

Major Crops : Cotton, Paddy, Vegetables, Sugarcane, Groundnut, Mango, Grape, Citrus

Target Pests : Jassids, Aphids, BPH, GLH, Termites (Soil drenching)

Dose/acre : 100 ml

INSECTICIDE

INSECTICIDE

SWAL TRUST

Technical Name : Buprofezin 25% SC
Mode of Action : Contact and Stomach
Major Crops : Paddy, Cotton, Chilli, Mango, Grape
Target Pests : BPH, WBPH, GLH, Aphids, White Fly, Jassids, Thrips, Hoppers and Mealy bug
Dose/acre : 350-500 ml

STARMIDON

Technical Name : Phosphamidon 40 % SL
Mode of Action : Stomach and Contact
Major Crops : Paddy, Cotton, Chilli, Potato, Brinjal, Banana, Mango, Goundnut & Soybean
Target Pests : Sucking pests, Leaf folder, Stem borer, GLH, BPH, WBPH
Dose/acre : 300 ml

STARPHOR 10G

Technical Name : Phorate 10% CG
Mode of Action : Contact and Stomach
Major Crops : Paddy, Sugarcane, Cotton, Bajra, Jowar, Maize, Groundnut, Vegetable, Pulses, Wheat, Banana, Citrus
Target Pests : Stem borer, Leaf folder, Leaf hoppers, Gall fly, Aphids, Jassids, Thrips, Whitefly, White grub
Dose/acre : 5-10 kg

STARTOP

Technical Name : Cartap Hydrochloride 4% GR
Mode of Action : Systemic, Contact and Stomach action
Target Crop : Rice
Target Pests: Stem borer, Leaf folder and Whorl maggot
Dose/acre : 8 Kg

REMOSTAR

Technical Name : Novaluron 10% EC
Mode of Action : Stomach and Contact
Major Crops : Cotton, Cabbage, Tomato, Chilli, Bengalgram
Target Pests : American Bollworm, Fruit-Pod Borer, Diamond Back Moth, Tobacco Caterpillar
Dose/acre : 300 ml

SWAL HOME

Technical Name : Bifenthrin 2.5% EC
Mode of Action : Contact and repellent
Major Pests : Termites/White ants
Dose : 20 ml / litre of water

SAFESILO

Technical Name : Aluminium Phosphide 15% Tablet
Mode of Action : Fumigant
Target Pests : Stored Grain pests
Dose : 12 gm tablet / 250 kg of stored grains

RAT FREE

Technical Name : Zinc Phosphide 80%
Mode of Action : Anti-coagulant
Target Pests : Rodents
Dose : 10 g / 1 Kg of grain bait

NOTES

Notes:

SWAL - SERVING THE NATION

DEPOT CORPORATE OFFICE ZONAL OFFICE FERTILIZER MIXING UNIT

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Plant Smiles... Grow Laughter... Harvest Love!