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HAIMI AGRO™
CHEMICALS PVT. LTD.

If The Farmer Is Rich, Then So Is The Nation



Product Catalogue

(AN ISO 9001 : 2015 CERTIFIED COMPANY)

Fungicides | Insecticides | Herbicides | P.G.R | Fertilizers | Bio-Fertilizers



Haimi Agro Chemicals Pvt. Ltd. is a fast growing Company, manufacturing a wide range of pesticides having a wide range products under category of herbicides/weedicides, insecticides, fungicides, plant growth regulators / Bio Fertilizers stimulants in various forms – liquid, dust, powder and granules and reaching out to farmers through its strong and potential Distributors channel. The Company's manufacturing facilities and their corporate office are manned by highly qualified, adequately experienced professionals in addition to a committed team of employees which include skilled and semiskilled work force with upcountry operations are manned by competent marketing professionals and support staff. We partner with Indian farmers for progress and prosperity, Haimi Agro Chemicals Pvt. Ltd. enables agricultural self- sufficiency and economic independence by providing insecticides, herbicides, fungicides, Plant growth regulators and fertilizers that are both affordable and effective. We are committed to effective utilization of resources and innovative initiatives for the well -being of the farming community. Haimi Agro Chemicals Pvt. Ltd. enjoys a very healthy management-worker relationship reflecting high standards of industrial relations, through constant implementation of excellent staff welfare programers. The Employees in turn are a highly motivated team committed to the goals of organization with special emphasis on superior quality and customer satisfaction our portfolio of total crop solution products enhances farm profitability and productivity.

- To maintain growth of the organisation- by enhancing value for customers and other stakeholders & business associate.
- By capturing market size with capable and talented manpower.
- by setting new performance parameters, standards & by focussing on total quality control
- Formulation Manufacturing & Marketing Company with a portfolio of over 90 Products with
- 100% domestic Sales
- Manufacturer of > 90 Products with a wide range of Insecticides, Herbicides, Fungicides & Bio- Fertilizers.



HAMEER

- Technical Name** : Tebuconazole 6.7% + Captan 26.9% w/w SC
- Mode of Action** : HAMEER is a Novel fungicide with DUAL mode of action. It has both Contact & Systemic action along with Translaminar properties. It acts as a MULTI-SITE contact fungicide which inhibits the respiration and energy production in the fungus along with hindering STEROL biosynthesis resulting in inhibition of spore germination & restricting growth of the fungus.
- Features** : Novel combination exhibiting both Contact & Systemic with Translaminar properties It is not phytotoxic when used as per recommendation. Unique Product with easy to use SC formulation
- Approved Pack Sizes** : 1 Ltr, 500 ml, 250 ml, 100 ml

Recommendation for use

Target Pests	Dose/ Acre
Powdery Mildew and Anthracnose	400ml.
Powdery Mildew and Alternaria Leaf spot / Blight Scab	620ml.

HERO

- Technical Name** : Tebuconazole 10% + Sulphur 65% WG
- Mode of Action** : Premix fungicide that contains Tebuconazole a Trizole group systematic fungicide that is absorbed and translocated, and sulphur, a non-systematic fungicide that works through contact and vapour action. It's a fungicide with preventive, curative and eradivative action on various crop pathogens.
- Features** : Triple Action Fungicide Contact, Systemic & Vapor. Efficient and cost-effective solution for fungal diseases. It is absorbed by leaves within two hours. Instant and uniform solubility. Better yield and quality with Phytotonic effect. No irritation on the skin at the time of spray. Tool for resistance management.
- Approved Pack Sizes** : 100gm, 250gm, 500gm, 1Kg

Recommendation for use

Target Pests	Dose/Acre
Powdery Mildew and Fruit Rot	400g.
Leaf Spot and Pod blight	400g.





HAIMISTAR

Technical Name : Azoxystrobin 23% SC

Mode of Action : HAIMISTAR belongs to strobilurin group. It is a fungicide with protectant, curative, eradicant, translaminal and systemic properties. HAIMISTAR inhibits mitochondrial respiration. HAIMISTAR is unique and has a very wide spectrum of disease control belonging to all the four classes of fungi. HAIMISTAR is highly suitable for use in integrated pest management program, because it is harmless to beneficial organisms such as predatory mites, parasitic wasps, honey bees and earthworms.

Approved Pack Sizes : 100ml, 200ml, 500ml & 1 Ltr.



Recommendation for use

Disease	Dosage /Acre
Downy mildew, Powdery mildew	200 ml
Early & late blight	200 ml
Late blight	200 ml
Blight & powdery mildew	200 ml
Fruit rot, Powdery mildew	200 ml
Downy mildew, Powdery mildew	200 ml
Anthracnose, Powdery mildew	1ml of water

HAIMISTAR TOP

Technical Name : Azoxystrobin 18.20 % Difenoconazole 11.40 % SC

Mode of Action : HAIMISTAR TOP-notch Disease Control in Potatoes. HAIMISTAR TOP fungicide offers potato growers reliability for sustainable and robust disease control specifically for block dot, brown spot and early blight. It is a combination of the strobilurin fungicide (Group 11), azoxystrobin, and the triazole fungicide (Group 3), difenoconazole. In addition HAIMISTAR TOP demonstrates rapid uptake with Translaminal movement of difenoconazole and xylem-systemic movement of azoxystrobin.

Features : Systemic and contact mode of action. Broad spectrum control of diseases on leaves and fruits. Resistance management by combining two compounds of different chemical class and different modes of action.

Approved Pack Sizes : 200ml, 500ml & 1 ltr

Recommendation for use

Disease	Dose/Acre
Black dot (Colletotrichum coccodes)	200ml.
Brown spot (Alterania alternata)	
Early Blight (Alternaria solani)	
powdery mildew (Erysiphe cichoracearum)	
Septoria leafspot (S.lycopersici)	



HIMSTAR

Technical Name : Hexaconazole 5% SC

Special features : Broad-spectrum fungicide controlling wide range of disease infecting many crops. Give excellent control of Ascomycetes, Basidiomycetes and Deuteromycetes. It is effective at lower dosages for long period. Broad-spectrum fungicide, which also controls soil borne fungi like rhizoctonia, Sclerotium and Fusarium very effectively. Safe fungicide with low toxicity to mammals, fish birds and natural enemies.

Mode of Action : HIMSTAR is an unique highly systemic triazole fungicide, acting as protective, curative and eradicant with strong antispurulant and translaminal action. HIMSTAR is a potent ergosterol biosynthesis inhibitor.

Approved Pack Sizes : 250ml, 500ml, 1Ltr, 5Ltr.

Recommendation for use

Disease	Dose/Acre
Sheath Blight	400ml
Powdery Mildew	400ml.
Powdery Mildew	400ml.



HIMSTUDIO

Technical Name : Azoxystrobin 11% Tebuconazole 18.3% SC

Mode of Action : HIMSTUDIO is a broad spectrum fungicide for the control of many fungal pathogens & diseases. HIMSTUDIO has a very good preventive & curative properties which provides flexibility & broad window of application. HIMSTUDIO has a dual mode of action. Hence it works at multiple stages of fungal development. HIMSTUDIO impacts positively on the physiological activity of the applied crop by improving the yield & of the produce thus fetching better revenue for the grower.

Approved Pack Sizes : 100ml, 200ml, 500ml & 1 Ltr

Recommendation for use

Disease	Dose/Acre
Scab, Powdery mildew and pre mature leaf fall disease	200ml.
Sheath blight	200ml.
Yellow rust	200ml.
Fruit rot, powdery mildew & dieback	200ml.
Purple blotch	200ml.
Early blight	200ml.
Early & late blight	200ml.
Downy mildew & Powdery mildew	200ml.





HUZUKO

- Technical Name** : Isoprothiolane 40% EC
Mode of Action : Systemic fungicide with protective and curative action.
Features of HUZUKO : Absorbed by the leaves and roots, with translocation acropetally and basipetally. Effective internal absorption bactericide, with special good effect for rice neck blast & rice leaf blast. Also used on rice to accelerate rooting. Promote root elongation and control non parasitic damping off. HUZUKO effectively protects the developing rice leaves from invasion and spread of the blast disease fungus. Suppress the penetration of the fungus and inhibits the elongation of the infection hyphae of the fungus.

Approved Pack Sizes : 500ml. & 1Ltr.



Recommendation for use

Target Pests	Dose/Acre
Blast	400ml

HIMASTIN

- Technical Name** : Carbendazim 50% WP
Mode of action : Broad spectrum fungicide which control large number of disease with its strong mode of action.
Features : **Economical**- as compared to other fungicides, it is less expensive in the long run with respect to the superior protection and cost per acre. It is a broad spectrum systemic fungicide with protective and curative action. The active ingredient passes inter cellularly into the xylem vessels & it is swept along by the sap stream towards the foliage. When applied to the foliage the fungicide gets into the xylem and spreads to the distal parts of the leaf but not in the opposite direction towards the roots.

Approved Pack Sizes : 100g, 250g, 500g & 1kg

Recommendation for use

Disease Name	Dose/Acre
Scab	250g
Blast	250g
Loos smut	250g
Loos smut	250g
Set rot	250g
Leaf spot	250g
Tikka Leaf spot	250g
Leaf spot Powdery mildew	250g
Anthracnose	250g



SCRATCH

- Technical Name** : Difenoconazole 25% EC
Mode of Action : Scratch is a single solution with broad spectrum control against many diseases. Excellent systemic fungicide with translaminar action. It will enter into the plant system within 2-3 hours so that rain will not affect the performance of its chemical. As it is translaminar in action, it moves from the upper leaf surface to the lower. Fungus on the lower side of the leaf surface gets controlled. Accumulates at the tip of the leaf.
Scratch is a triple action fungicide
 1. PREVENTIVE
 2. CURATIVE
 3. ANTISPORULENT

Approved Pack Sizes : 50ml, 100ml, 250ml, 500ml & 1 Ltr

Recommendation for use

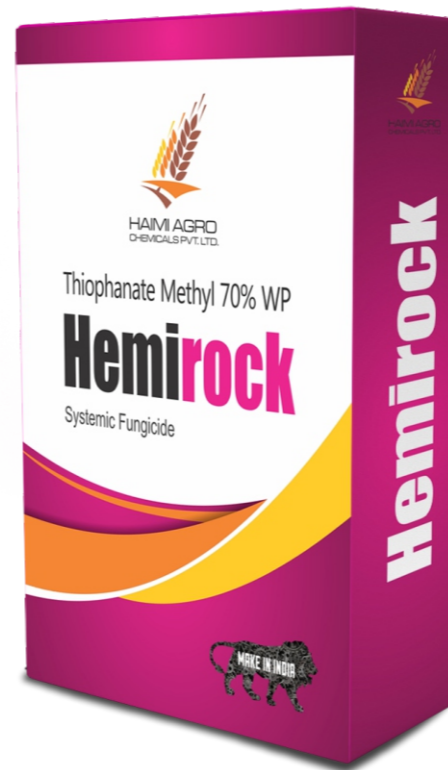
Pest/s	Dose/Acre
Scab	50ml
Anthracnose & Powdery Mildew	50ml
Fruit Rot	50ml
Dieback/Fruitrot	50ml
Sheath Blight	50ml
Blight/PM	50ml
Purple Blotch	50ml

HEMIROCK

- Technical Name** : Thiophanate Methyl 70% WP
Mode of Action : Inhibits tubulin formation, curative & preventive, absorbed by leaves & roots.
Approved Pack Sizes : 100gm, 500gm, & 1kg.

Recommendation for use

Disease	Dose/Acre
Scab	200g
Powdery mildew	200g
Brown rust	200g
Ring rot, wilt damping off	200g
Anthracnose	200g
Fusarium wilt	200g
Powdery mildew	200g
Powdery mildew anthracnose, fruit rot	200g
Anthracnose	200g





SHIMMER

Technical Name : Propiconazole 25% EC
Mode of Action : Shimmer is a systemic foliar fungicide which belongs to triazole group.
 Shimmer is a fungicide with protection & curation action with translocation acropetally in the xylem.
 Shimmer has broad spectrum activity against a wide range of fungal diseases caused by basidiomycetes, ascomycetes & deuteromycetes fungi.
 Shimmer is of low mammalian toxicity and does not affect honeybees, beneficial insects or wildlife.

Approved Pack Sizes : 100ml, 250ml, 500ml, 1 Ltr. & 5 Ltr.



Recommendation for use

Disease	Dose/Acre
Karnal bunt, leaf rust/ brown rust stem rust, stripe rust, yellow rust.	200ml
Sheath blight	200ml
Early leaf spot, late leaf spot, Rust	200ml
Blister blight	200ml
Rust	200ml

ENERGY

Technical Name : Captan 70% + Hexaconazole 5% WP
Mode of action : Contact & systemic fungicide.
Features : It is a unique combination of contact & systemic mode of action with protective and curative action. It is broad spectrum fungicide and having eradicant, antispurulant properties. ENERGY is used for foliar application. Longer protection period than any other fungicide.

Approved Pack Sizes : 500gm & 1kg.

Recommendation for use

Target Pests	Dose/Acre
Fruit rot (Anthracnose)	250g
Fruit rot (Anthracnose)	250g
Early Blight & Late Blight	250g



HAXIL DS

Technical Name : Tebuconazole 2% DS
Mode of Action : Systemic seed treatment fungicide.
Feature of HAXIL DS : It control seed born disease in wheat. It is used for commercial application and on-farm treatment with conventional seed treating equipment. HAXIL DS being effective at very low dose is very economical. The active ingredient in HAXIL DS is used only where it is needed i.e on the seed grains thus lowering the toxicity burden on the environment. Highly effective against loose smut and flag smut of wheat. It can also be mixed with other seed treatment products. Any small quantity of seed can be readily treated by mixing the proper amount of HAXIL DS 2% DS and seed in a closed container. Roll the seed until each grain is uniformly coated with the fungicide.

Approved Pack Sizes : 40g., 100g

Recommendation for use

Target Pests	Dose/Acre
Loose Smut, Flag Smut	1g /1kg seeds



HIMS SAFE

Technical Name : Carbendazim 12% + Mancozeb 63% WP
Mode of Action : Broad spectrum contact and systemic mixture fungicide, with preventive and curative action.
Special features : Effective against many disease complexes on large number of crops. It can be used as tuber dip and foliar sprays/ seed treatment /nursery/soil drenching, fruit /rhizome. Provides Manganese and Zinc nutrition to crop, there by keeps plant green and healthy. Stimulates plants growth, vigour, enhances flowering and ultimately increases yield. In fruit crop better results can be obtained if sprayed at bud emergence stage. .

Approved Pack Sizes : 100gm, 500gm, 1kg,

Recommendation for use

Disease	Dose/Acre
Leaf spot, Rust	250g
Blast	250g
Blister Blight, Grey Blight, Red rust, Die-back, Black rot	250g
Downey Mildew, Powdery Mildew, Anthracnose	250g
Early, Blight, Late Blight, Black scurf	250g
Powdery Mildew, Anthracnose	250g





HIMSULPHUR

- Technical Name** : Sulphur 80% WDG.
- Mode of action** : Protective fungicide with contact action.
- Features of Himsulphur** : A multi-site Contact inorganic fungicide. Sulphur is a non-systemic contact and protectant fungicide. Himsulphur is a dust free, flowable micronised sulphur granules, ease of measuring & handling. It has instant dispersion and high suspensibility in water, therefore it don't cause scorching. It helps in maintaining the appropriate PH of the soil, thereby better uptake of other nutrients. Better crop stand . It controls metabolic & growth processes within plant cells. It promotes nodulation legumes thereby helps in nitrogen fixations.
- Approved Pack Sizes** : 3kg.

Recommendation for use

Target Pests	Dose/Acre
Powdery Mildew	750-1000 g



HI-CARE

- Technical Name** : Tebuconazole 25.9% EC
- Mode of Action** : Hi-Care is a broad spectrum systemic fungicide from the triazole group . Hi-Care has protective ,curative and eradican action. Hi-Care is a sterol demethylation inhibitor. Rapidly absorbed into the vegetative parts of the plant with translocation acropetally.

Approved Pack Sizes : 100ml, 250ml, 500ml, 1ltr

Recommendation for use

Disease	Dose/Acre
Fruit rot, Powdery mildew	200-300ml
Tikka & rust	200-300ml
Blast, Sheath Blight	200ml
Purple Blotch	250-300ml



TESLA

- Technical Name** : Tebuconazole 12.5 + Azoxytobin 12.5 % SC
- Mode of Action** : TESLA acts as a systemic fungicide. Demethylase inhibitors (DMI) interfere in the process of building the structure of the fungal cell wall. Finally it inhibits the reproduction and further growth of the fungus. Azoxytobin inhibits energy production in fungi by binding to mitochondrial cytochrome b and blocking electron transfer between cytochrome b and cytochrome c (Qo site).

Approved Pack Sizes : 100ml, 250ml, 500ml, 1ltr, 5tr

Recommendation for use

Disease	Dose/Acre
Fruit rot Powdery mildew	200ml



CORTEX

- Technical Name** : Validamycin 3% L
- Mode of Action** : Cortex is a antibiotic with fungicide action. Cortex is most effective against sheath blight disease of rice Cortex is a antibiotic with fungicide action. Cortex is most effective against sheath blight disease of rice
- Approved Pack Sizes** : 100ml, 250ml, 500ml, 1ltr, 5tr

Recommendation for use

Disease	Dose/Acre
Sheath Blight	400ml





CASCADO

- Technical Name** : Thiamethoxam 75% SG
Mode of Action : CASCADO is broad spectrum systemic insecticide contains the active ingredient Thiamethoxam.
Features : CASCADO is soil-applied insecticide and having a quick action against sucking and chewing pests. It was labeled for use on Ground Nut, Sugarcane, Rice, and Cotton. CASCADO may direct the application at the base of the plant for optimum root uptake when making post-emergence applications. CASCADO improves the plant from primary treatment, it took up by the plant faster which results in higher yield and improved crop quality resulting longer-lasting systemic control.

Approved Pack Sizes : 100g., 250g., & 500g

Recommendation for use

Disease	Dose/ Acre
Termites & Early shoot borer	30g of 100ltr water
Green Leaf Hopper & Brown Plant Hopper	30g of 100ltr water
Jassids & Thrips	30g of 100ltr water
Termites	30g of 100ltr water



JAWA-20

- Technical Name** : Chlorpyrifos 20% EC.
Mode of Action : Contact, Stomach and respiratory action.

Specifications

- JAWA-20 is based on the active ingredient
- JAWA-20 which belongs to organophosphorus group.
- JAWA-20 is a broad spectrum insecticide acting as a nerve excitatory poison on insects.
- JAWA-20 is a contact and stomach poison, with fumigation action also.
- JAWA-20 is widely used for control of various lepidopteron larvae.
- JAWA-20 is also used for protecting buildings from termites at pre and post construction stages

Category : Organophosphate group of insecticides

Approved Pack Sizes : 100ml, 250ml, 500ml, 1ltr. & 5ltr.

Recommendation for use

Target Pests	Dose/ Acre
Stem Borer, Leaf folder	1000-2000ml
Bolworms	1000-2000ml



JAWA-50

- Technical Name** : Chlorpyrifos 50% EC.
Mode of Action : Contact & Ingestion - Quick Knockdown effect
Features : It is a powerful insecticide for controlling, biting as well as sucking of insect. Versatile insecticide and termicide for agricultural and house hold pests. Jawa-50 combines rapid initial action with good long lasting residual effect. Triple action through contact, stomach and fumigation . Good soil application insecticide to control soil insects like termites, white grubs, and root grubs etc. Also used as a termicide in pre and post construction of building.

Approved Pack Sizes : 100ml, 250ml, 500ml, 1ltr. & 5ltr.

Recommendation for use

Target Pests	Dose/ Acre
Stem Borer, Leaf folder	500ml
Bolworms	500ml
Pre & post construction buildings	500ml

HITCLAIM GOLD

- Technical Name** : Emamectin Benzoate 1.9% EC
Mode of Action : Its action mechanism is to intensify the effect of neurotransmitter, such as, glutamate and γ -amino butyric acid, make the latter lose function and disturb neurotransmission, after contacting the chemical quickly stops to eat and die.
Features : Emamectin benzoate 1.9% EC is a water soluble liquid formulation containing 1.9% active ingredient and is recommended for the control of bollworms in cotton. It is an insecticide with stomach action and should be ingested by the larvae to be most effective. Affected larvae become paralyzed and stop feeding shortly after exposure to Emamectin Benzoate 1.9 EC and subsequently die after 2-4 days.

Approved Pack Sizes : 100ml, 250ml, 500ml, & 1ltr

Recommendation for use

Common Name of Pest	Dose/ Acre
Bollworms	150-200ml





HIMATE

- Technical Name** : Lambdacyhalothrin 5% EC
Mode of Action : Non-systemic insecticide with contact and stomach action.
Features : It is a highly active potent ingredient with a wide spectrum of control activity. Himate leads to a greater photosynthetic activity, resulting in healthier plants and better yields. It has cost effective control.
Effective Control : At 500 ml/ha, It gives excellent control of target pests in the most cost-effective manner.
Approved Pack Sizes : 100ml, 250ml, 500ml, & 1ltr.

Recommendation for use

Target Pests	Dose/Acre
Boll Worm, Jasside Thrips	120-200 ml



HAIMDAN

- Technical Name** : Cartap Hydrochloride 4% GR
Mode of Action : Non - Systemic Action.
Features : Haimdan is a unique insecticide formulated as granules for easy broadcasting in Paddy fields. It has both stomach and systemic properties. Developed for use against Orngano phosphorus and chlrine resistant of insects. Long residual activity. Effective at low concentration against both chewing and sucking insect at almost any Stage. Due to its systemic action, Haimdan is effective against a wide range of paddy pests such as stem borers, Leaf folder, whorl maggot and leafhoppers. Insects discontinue feeding upon ingestion of Haimdan resulting in Haimdan vation. Haimdan may also be used to controls shoot borer of sugarcane, diamond back month of cabbage and cauliflower, fruit borer of brinjal, pest of chillies.

Approved Pack Sizes : 1kg & 5 Kg.

Recommendation for use

Target Pests	Dose/Acre
Stem Borer	7.5 Kg
Leaf folder Whorl maggots	7.5-10 Kg



HITCLAIM

- Technical Name** : Emamectin Benzoate 5% SG
Mode of Action : Hitclaim is a insecticide which belongs to avermectin group.
Features : It is an insecticide with stomach action and should be ingested by the larvae to be most effective. Affected larvae become paralyzed and stop feeding shortly after exposure to Emamectin benzoate 5% and subsequently die after 2-4 days. Hitclaim is highly effective in various lepidopteran pest.
Approved Pack Sizes : 10g, 50g, 100g, & 500g

Recommendation for use

Disease	Dose/Acre
Thrips	80-100g
Pod borer	80-100g
Bollworms	80-100g
Diamond back moth	80-100g
Pod borer	80-100g
Fruit & Shoot borer	80-100g
Fruit & shooter borer	80-100g
Fruit borer, & Thrips, Mites	80-100g
Tea Looper	80-100g

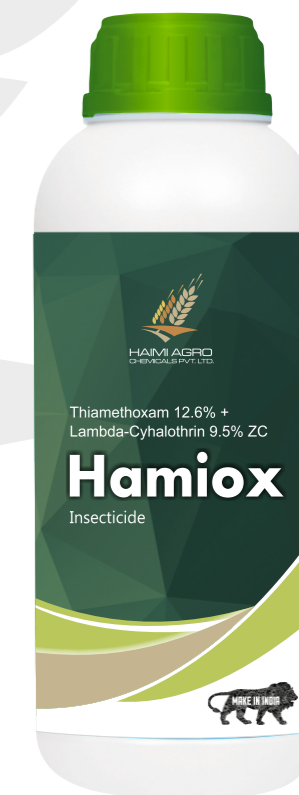
HAMIOX

- Technical Name** : Thiamethoxam 12.6%+ Lamba Cyhalothrin 9.5 % ZC
MODE OF ACTION : Systemic & Contact Insecticide.
Features : Affects central nervous system, blocks acetocholeline receptor, insect is paralysed and also prevents sodium channel from closing resulting in continued nerve impulse transmission and death (contact & systemic)

Approved Pack Sizes : 250ml, 500ml, & 1ltr.

Recommendation for use

Comman Name of the Pest	Dose/Acre
Jasside, Aphides & Thrips and bollworm	200ml
Aphid,shootfly,stem borer	200ml
leaf hopper leaf eating caterpillar	200ml
Stem fly, Semilooper Gridle beetly	200ml
Thriple, fruit borer	200ml





HIMTARA PRO

- Technical Name** : Thiamethoxam 30% FS.
Mode of Action : Systemic, contact & stomach in action.
Feature : HIMTARA PRO is a systemic seed treatment insecticide. HIMTARA PRO protects against target pests by interfering with receptors that transmit the message to continue feeding. HIMTARA PRO acts on different sites of action in the insect. HIMTARA PRO provides control of a wide range of early season sucking and chewing leaf feeding and soil dwelling insect pests, wireworms, flea beetles, and leaf miners. HIMTARA PRO is used to treat the seed of corn, cotton, sugar beets, oil seed rape, canola, wheat, barley, soybeans sorghum and other fields crop.

Approved Pack Sizes : 250ml, 500ml, & 1ltr.

Recommendation for use

Target Pests	Dose / KG Seed
Aphid, Whiteflies, Jassids	10.0
Shoot Fly	10.0
Termites	3.3
Shoot Fly	10.0
Thrips	7.0
Jassids	5.7
Stem Fly	8.0
Jassides, Thrips	10.0



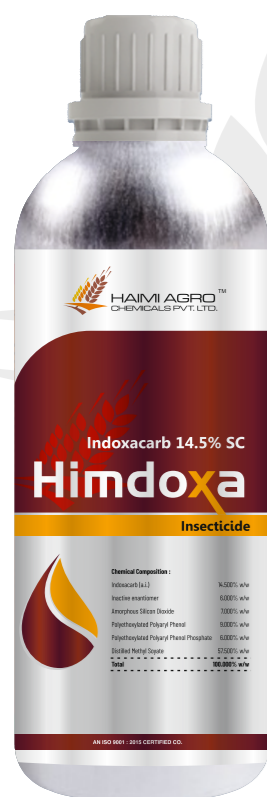
HIMDOXA

- Technical Name** : Indoxacarb 14.5%SC
Mode of Action : 1.Neurotoxic insecticides
 2.Stomach poison insecticides
 3.Contact insecticides: Contact insecticides are toxic to insects upon direct contact.

Approved Pack Sizes : 250ml, 500ml, & 1ltr.

Recommendation for use

Target Pests	Dose/Acre
Cnaphalocrocis Medinalis	200ml
Cabbage Moth	



NEEMFLEX

- Technical Name** : Azadirachtin (300PPM & 1500 PPM)
Features : NEEMFLEX is Neem based insect repellent containing Azadirachtin as active ingredient. It possess strong repellent and antifeedant properties. It is naturally occurring Neem based repellent and antifeedant ,which provides complete protection to crop plants against harmful insects . It renders crops unpalatable to insect pests for feeding and reproduction.
Product Features : NEEMFLEX has repellent and antifeedant action. NEEMFLEX disrupt growth of insect pests. NEEMFLEX has hormonal activity. NEEMFLEX has broad spectrum activity. NEEMFLEX is safe to non target organisms. NEEMFLEX is environmentally safe.
Benefit Obtained : Insect pest fail to colonise on NEEMFLEX treated plants. Reduced damage to crops due to stoppage of feeding healthy growth of plants. Reduction in overall population development of malformed insects which fails to reproduce at adult stage. Reduction in future generations/populations less damage to plants & complete control.

Approved Pack Sizes : 500ml, & 1ltr.

Recommendation for use

Target Pests	Dose/Acre
Parasites Predators And Pollinators	750-1000 ml

HICORN

- Technical Name** : Profenofos 40% EC+ Cypermethrin 4% EC
Mode of Action : Non - contact & Stomach action.
Features : It is broad spectrum insecticide having contact and stomach action. It is compatible with most of the commonly used pesticides except those of alkaline materials . It is foliar insecticide with acaricidal properties for use in action. It is synergistic in activity especially in situations where some resistance to organophosphate and or synthetic pyrethroid, insects have developed. It has excellent translaminar effect and readily absorbed in plant cells thus not affected by rain fall.

Approved Pack Sizes : 250ml, 500ml, & 1ltr.

Recommendation for use

Target Pests	Dose/Acre
Bollworm Complex	400-600 ml





HIMTARA

- Technical Name** : Thiamethoxam 25% WG.
Mode of Action : Systemic, contact & stomach in action.
Feature or Himtara : Himtara is a unique systemic insecticide that having quick \ stomach and contact activity .
 It is highly effective at low-use rates against a broad spectrum of sucking, soil and leaf dwelling pests.
 Himtara is highly systemic and well suited for application as a foliar spray, drench or drip irrigation Himtara is characterized by its rapid uptake and is fast acting regardless of dry or wet conditions ensuring high performance levels.
 It helps in controlling stem borer, gall midge, leaf folder, brown plant hopper, white backed hopper (WBPH), Green Leaf hopper (GLH), Thrips etc. in rice.
 Being a systemic insecticide should be applied at recommended dose at initial stage of infestation.

Approved Pack Sizes : 5g, 100g, 250g, 500g & 1kg

Recommendation for use

Target Pests	Dose/Acre
Gall Midge, Leaf folder	40g
BPH, Thrips Stem borer,	40g
Leaf hopper.	40g



ALFURO

- Technical Name** : Alphamethrin 10%EC
Mode of Action : ALFURO exhibits a contact and stomach action. It mainly acts on the nervous systems of the target pests due to which it gives a quick knockdown action. It also exhibits ovicidal action.
Features : Being broad spectrum it affords control over all caterpillar pests.
 It has a quick knockdown action.
 It exhibits ovicidal action.
 It remains effective for longer duration and therefore gives protection for a longer time.
 Highly economical.

Approved Pack Sizes : 100ml, 250ml, 500ml, & 1ltr.

Recommendation for use

Target Pests	Dose/Acre
Bollworm Complex in Cotton and All Caterpillar Pests	250ml.

HIT 505

- Technical Name** : ETHION-50% EC
Mode of Action : HIT 505 is an Acetyl Cholinesterase Inhibitor, which is responsible for inhibition of enzyme Acetyl Cholinesterase resulting into blockage in the transmission of nerve impulses in insects and mites.
Features : HIT 505 has strong ovicidal and larvicidal action .
 HIT 505 has fast knock down action.
 HIT 505 controls the pests for longer duration.
 HIT 505 has no cross resistance despite being used extensively over two decades.
 HIT 505 is relatively safer on beneficial insects. Recommended in IPM practices.

Approved Pack Sizes : 100ml, 250ml, 500ml, & 1ltr.

Recommendation for use

Target Pests	Dose/Acre
Bollworms, Whitefly	800 ml
Mites , Thrips	800 ml
Pod borer	800 ml
Red spider mites, purple mites & yellow mite , thrips & scale	400 ml



FORTUNE

- Technical Name** : Lambda cyhalothrin 4.9 % CS
Mode of Action : Contact & Stomach in Action.
Features : It is a new generation synthetic pyrethroid insecticide which has stomach and contact action on insect pests.
 It is used for control of wide range of pests in variety of crops .
 It has repellent properties giving rapid knockdown and long residual activity .
 It is compatible with pesticides allowing the grower to choose most effective and lowest- cost partner products.

Approved Pack Sizes : 100ml, 250ml, 500ml, & 1ltr.

Recommendation for use

Target Pests	Dose/acre
Bollworm	200ml
Stem Borer, Leaf folder	100ml
Shoot & fruit borer	120 ml
Fruit Borer	120ml
Fruit borer	120 ml
Thrips & Flea beetle	100 ml
Thrips & Pod Borer	200 ml





HEMGOR

- Technical Name** : Dimethoate 30% EC.
Mode of Action : Non - contact & Systemic Insecticide.
Features : Systemic Oregano phosphorus, which controls aphids and thrips. Exhibits both contact & stomach action . It is a broad spectrum insecticide . Rapid degeneration in the soil thus no problem of residues.

Approved Pack Sizes : 250ml, 500ml, 1ltr & 5ltr.

Recommendation for use

Target Pests	Dose/Acre
Milky weed bug	400ml
Stem borer shoot fly	400ml
Midge	400ml
Jassids, Mites	400ml
Leaf minor, Aphid Sawfly	400ml
Aphid	400ml
Shooter borer	400ml
Aphid, Painted bug, Musted aphid	400ml
Mite	400ml
Thrips	400ml
Thrips	400ml
Aphids White Fly	400ml
Stem borer	400ml
Aphid	400ml
Aphid, Lace wing bug	400ml
Black citrus aphid	400ml
Hopper	400ml
Scale Thrips	400ml



HEMIDOR SUPER

- Technical Name** : Imidacloprid 30.5% SC.
Mode of Action : Systemic Insecticide.
Features : It is a systemic insecticide with translaminar activity and with contact & stomach action. Readily taken up by the plants and further distributed acropetally (upward), with good root systemic action. Chloro-nicotinyl insecticide with soil, seed and foliar use. For control of sucking insect including rice hoppers, aphids, thrips, white flies, termites, turf insect, soil insects and some beetles. It is especially systemic when used as seed or soil treatment. It reduces surface runoff and provides uniform coverage over the foliage with enhanced penetration & stability. HEMIDOR SUPER found to be very effective up to 10-14 days after application.

Approved Pack Sizes : 250ml, 500ml, & 1ltr.

Recommendation for use

Target Pests	Dose/Acre
Aphid, Jassid, Thrips	30ml.
BPH, WBPH	30ml.



CHEETA

- Technical Name** : Bifenthrin 10% EC
Mode of Action : Non - Contact & Stomach action.
Features of : Cheeta is a world renowned, New generation, broad spectrum insecticide of pyrethroid Ester rout. Cheeta has a strong Bipheny bond which provide longer residual periodof control or target Insect. Cheeta does not have 'Cyano- group at alpha position hence does not cause skin irritation to end users. Cheeta through its contact and stomach action, controls different type of leave, white fly mites and jasside very effectively. Cheeta as strong bonding tendency in soil thus it persists and exhibit longer duration extraordinary controls of termite. Cheeta provide Effective controls of termites through its Different modes of e.g contact Stomach and repellent action. Cheeta as phyto- tonic effect which improves the vigour and keeps the crop healthy, thereby quality produce.

Approved Pack Sizes : 250ml, 500ml & 1ltr.

Recommendation for use

Target Pests	Dose/Acre
Bollworm, whiteflies	320ml
Stem borer, Leaf folder & Green Leaf hopper	200ml

HIMGENT

- Technical Name** : Fipronil 0.3 GR
Mode of Action : Primarily acts as an ingestion toxicant with some complimentary contact action and acts by interfering in nerve impulse transmission. It interferes with the passage of chloride ions through the Gamma Amino Butyric Acid (GABA) regulated chloride channel, thereby disrupting CNS activity and at sufficient doses, causing insect death.
Features of : A major strength of the molecule is its applications and formulation flexibility. The granular formulation can be easily broadcasted on the standing crop. Fipronil has both contact and ingestion activity, but is particularly effective by way of ingestion. An intermediate response, such as cessation of feeding, may be noted soon after treatment. The site of action of Fipronil sets it apart from most commercial insecticides. a new generation insecticide belonging to new family of Phenyl Pyrazole.

Approved Pack Sizes : 5 kg, 25 kg

Recommendation for use

Target Pests	Dose/Acre
Stem Borer, Brown Plant Hopper Leaf Folder, Whorl Maggot, Green Leaf Hopper, White Backed Plant Hopper, Gall midge	6-10 kg. per
Early Shoot Borer, Root Borer	10-13 kg. per





HIMGENT PLUS

- Technical Name :** Fipronil 5% SC
Mode of Action : Primarily acts as an ingestion toxicant with some complimentary contact action and acts by interfering in nerve impulse transmission. It interferes with the passage of chloride ions through the Gamma Amino Butyric Acid (GABA) regulated chloride channel, thereby disrupting CNS activity and at sufficient doses, causing insect death.
- Features :** There is target site specificity between insects and mammals, with Fipronil displaying tighter binding (i.e., higher potency) in the insect GABA chloride channel than mammals, providing useful selective toxicity. This sets Fipronil apart from most commercial insecticides Fipronil has both contact and ingestion activity, but is particularly \ effective by way of ingestion.
- Approved Pack Sizes :** 100 ml, 250 ml, 500 ml, 1 L



Recommendation for use

Target Pests	Dose/Acre
Green Leaf Hopper, Gall midge Whorl Maggot, Stem Borer, Leaf Folder, Brown Plant Hopper, White Backed Plant Hopper	400-600ml
Early Shoot Borer and Root Borer	600-800ml
Thrips, Aphids and Fruit Borer	320-400ml
Diamond-back Moth	320-400ml
Aphid, Jassid, Thrips, White Fly, Boll Worms	600-800ml



SUMO -25

- Technical Name :** Cypermethrin 25% EC
Mode of Action : SUMO-25 controls the insects by its contact and stomach poison action. It can be applied as a foliar spray.
- Features :** SUMO-25 is very effective in controlling the insects immediately after application even at lower doses. SUMO-25 does not leave residue in the crops and due to this quality it can be applied a week before the harvest of the crop.
- Approved Pack Sizes :** 50 ml, 100 ml, 250 ml, 500 ml, 1 ltr, 5 ltr

Recommendation for use

Target Pests	Dose/Acre
Sawfly, Aphids	150ml
Early Shoot Borer	150ml
Hairy Caterpillar	150ml
Diamond Back Moth Of Cabbage	150ml
Pink Boll Worm Of Cotton, American Boll Worm	150ml



CHASE

- Technical Name :** Pymetrozine 50% WG
Mode of Action : It provides immediate crop protection through permanent feeding inhibition of insects. It binds to the neuronal receptors, which act on the nervous system creating a nervous inhibition of feeding capability in the insects. This action also prevents the aphid from transmitting virus material into the plant. The first symptoms are visible after 15 minutes. Insects withdraw their stylet and stop feeding within 1 hour. Aphids do not feed again but remain on the plant leaf for several days and die by way of starvation. CHASE is characterized by its upward and downward translocation.
- Features :** Excellent crop tolerance Preserves the commercial value of the crop In line with the modern requirements of the food chain It is an excellent tool for IPM and IRM programs.
- Approved Pack Sizes :** 120g., 250g., 500g., 1kg

Recommendation for use

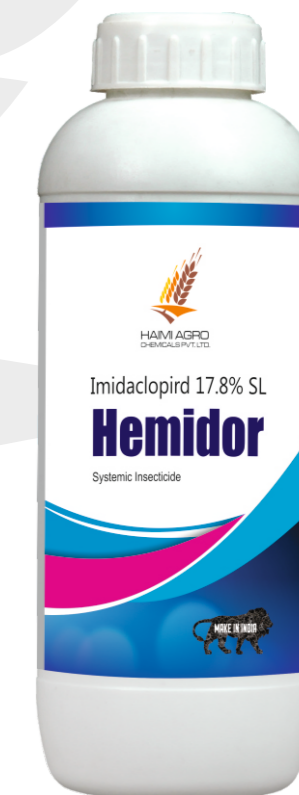
Target Pests	Dose/Acre
Brown Plant Hopper	120g.

HEMIDOR

- Technical Name :** Imidacloprid 17.8% SL
Mode of Action : Systemic insecticide with translaminar activity and with contact and stomach action. Readily taken up by the plant and further distributed acropetal, with good root-systemic action.
- Features :** Media controls the termites of sugarcane. Media controls the sucking insect pests of various crops very effectively. Its outstanding biological efficacy, especially its excellent root systemic properties, its broad spectrum of activity, good long lasting effect - combined with low application rates and good plant compatibility, has made the product the first choice of the farmer.
- Approved Pack Sizes :** 50 ml, 100 ml, 250 ml, 500 ml, 1 ltr

Recommendation for use

Target Pests	Dose/Acre
Thrips, Aphids, Whitefly	40-100ml.
Hopper	40-100ml.
Termite	40-100ml.
Thrips, Aphids, Whitefly	40-100ml.
Aphids, Whitefly, Thrips, Jassids	40-100ml.





DESIRE

- Technical Name** : Imidacloprid 70% WG
Mode of Action : Antagonist to the nicotinic acetyl choline receptor in the central nervous system, Imidacloprid disturbs the proper signal transmission \ system leading to excitation of nerve cell and consequently a disorder of the nervous system leading finally to the death of the treated insect.
Features : Manufactured with the latest German technology of water dispersible granule formulation - better solubility, better absorption by the plants, better efficacy Works at small dose and gives excellent control and longer protection against most sucking pests Granule formulation helps in ease of handling and measuring the dose.

Approved Pack Sizes : 75 g, 150 g, 300 g

Recommendation for use

Target Pests	Dose/Acre
Jassids, Aphids, Thrips	25g
Brown Plant Hopper, White Backed Plant Hopper	25g
Jassids, Aphids, Thrips	25g
Jassids, Aphids	25g
Jassids, Aphids	25g



HITHRIN

- Technical Name** : Permethrin 25% EC
Mode of Action : Non Systemic insecticide with contact and stomach action.
Features : Long Residual effect. Quick Knockdown effect by contact and stomach action. Safe and biodegradable in nature
Approved Pack Sizes : 100 ml, 250 ml, 500 ml, 1 Ltr.

Recommendation for use

Target Pests	Dose/Acre
Boll worms	160 – 200 ml
Diamond back moth	100 – 200 ml
Fruit borer , Aphids , Jassid	160 – 200 ml

SHIELD

- Technical Name** : Tricyclazole 75% WP
Mode of Action : SHIELD is Melanin biosynthesis inhibitor. Systemic fungicide absorbed rapidly by the roots, with translocation through the plant.
Features : SHIELD is used world wide as the most acceptable fungicide for Blast control SHIELD is highly systemic in nature and is not removed by rain water. Rains may actually increase the rate of SHIELD absorption. SHIELD does not allow blast disease to enter the rice plant. SHIELD also checks the further development of blast disease to other parts.

Approved Pack Sizes : 100g, 250g.

Recommendation for use

Target Pests	Dose/Acre
Blast	120g.



HIMFURI -3G

- Technical Name** : Carbofuran 3%CG
Mode of Action : Acetylcholine receptor (nAChR) agonist. Systemic insecticide with contact & stomach action. It Block nerve transmission as it binds receptors in the nervous system of insect.
Features : HIMFURI-3G Granular formulation of Carbofuran is FMC's flagship \ brand and is one of the largest selling granular insecticides in India. In India, HIMFURI-3G is registered in more than 25 crops and has a special place in Indian agriculture. Till date there is no recorded instance of resistance development to HIMFURI-3G in any insect species worldwide, thus making it a versatile choice to growers to manage the crop pests.

Approved Pack Sizes : 1kg & 5kg.

Recommendation for use

Target Pests	Dose/Acre
Stem Borers	5-8kg
Stem Borers	5-8kg
Borers	5-8kg





INSECTICIDE

HIMBUPRO

- Technical Name** : Buprofezin 25% SC
Mode of Action : It is an insecticide and acericide with contact and stomach action
Features : It inhibits moulting of nymphs and larvae, leading to death. The products also suppresses ovipositor by adults and treat insect lay sterile eggs. It is not phytotoxic when used as per recommendation.

Approved Pack Sizes : 500ml & 1Ltr

Recommendation for use

Target Pests	Dose/Acre
BPH, GLH, WBPH	320 ml



JAWA-505

- Technical Name** : Chloropyrifos 50% + Cypermethrin 5% EC.
Mode of Action : Versatile broad - spectrum insecticide.
Feature or JAWA 505 : Extremely effective against all types of boll worms. It is contact and stomach insecticide with vapour action and quick knock down effect, Controls American boll worm, Pink Boll worm, Spodoptera litura etc. It also control Aphids, Jassidae, Thrips and white fly.

Approved Pack Sizes : 100ml, 250ml, 500ml, 1ltr. & 5ltr.

Recommendation for use

Target Pests	Dose/Acre
Aphids, Jassid, Thrips, Whitefly Spotted bollworm, Pink Bollworm, American Bollworm.	400ml



HERBICIDE



HAIFIT

- Technical Name** : PRETILACHLOR 50 % EC
Mode of Action : Selective and pre -emergence herbicide
Features of Clean : HAIFIT is a broad spectrum selective pre - emergence to early post emergence Rice herbicide. It exhibits highly efficient of a variety of weeds like annual grass, sedges and broad leaved weeds. It control weeds by inhibiting its growth and reducing the cell division. No adverse effect like stunting or yellowing of crop, rather gives greening effect to the crop.

Approved Pack Sizes : 500ml, 1ltr. & 5ltr.

Recommendation for use

Target Pests	Dose/Acre
Colonom Cyperus difformis, Cyperus iria, Fimbristylis miliacea, Eclipta alba, Ludwigia pulviflora, Leptochloa chinesis, Monochorea vaginalis Panicum repens.	600ml



BISBAC

- Technical Name** : Bispyribac Sodium 10% SC
Mode of Action : Selective Herbicide.
Features : BISBAC is a selective, systemic post- emergent herbicide on Rice both in nurseries and main field. BISBAC has broad spectrum activity on grasses, sedges and broad leaved weeds. BISBAC belongs to pyrimidinyl benzoate class, it offers a wide application window from 2-5 leaf stage of weeds.

Approved Pack Sizes : 10ml, 40ml, 80ml, 100ml, 500ml, & 1ltr.

Recommendation for use

Target Pests	Dose/Acre
Echinochloa crusgalli, Echinochloa colonom, Ischaemum rugosum,	80-100ml
Cyperus iria, Fimbristylis miliacea, Eclipta alba, Ludwigia parviflora, Monochoria vaginalis, Alternanthera philoxeroides, Sphenoclea zeylenica	80-100ml.





HERBICIDE

HERBICIDE



ATAREX

- Technical Name** : Atrazine 50% WP
Mode of Action : Selective systemic Herbicide
Features of Atrex-N : A selective systemic pre and post emergence herbicide
 It is use to control annual grass as well as broad leave weeds.
 It is absorbed principally through the root & foliage.
 It is used in combination with other herbicides.
 It inhibits photosynthesis and interferes with other enzymatic activities.

Approved Pack Sizes : 500g, & 1kg

Recommendation for use

Target Pests	Dose/Acre
Tranthama monogyna Diger arvensis Echino-chloa sp, Eleusine sp. Xantheium sturmarinum brachiararia sp, Digitaria sp., Amaranthus viridis cleone viscose Polygonum sp.	500g.



HEMIPENDA

- Technical Name** : Pendimethalin 30% EC
Mode of Action : Pre Emergent Selective herbicide
Features : It is emulsifiable pre-emergence selective herbicide.
 HEMIPENDA is very much helpful in controlling the weeds of various crop.
 It acts by disrupting cell division and cell elongation in shoot and root meristem.
 In wheat it is applied as pre-emergence i.e immediately after sowing.
 It should not be used as the area where aqiculture / pisciculture is practiced along with rice cultivation.

Approved Pack Sizes : 500ml, 1ltr, & 5ltr.

Recommendation for use

Target Pests	Dose/Acre
Echinochloa, Euphorbia wild Amaranthus Phyllanthus, Pasplum etc	1000-1200ml
Echinochloa, Euphorbia wild Amaranthus	1000-1200ml
Phalaris Carnoplus, Poa Chenopodium, Portulaca.	1000-1200ml
Wild Rice, Echinochloa, Cyperus, Eclipta alba.	1000-1200ml

HIGRIP

- Technical Name** : Metsulfuron methyl 20% WP
Mode of Action : Systemic post emergence herbicide .
Features of HIGRIP : HIGRIP is a selective systemic post emergence herbicide.
 HIGRIP absorbed through roots and foliage and translocate to apex of the plants. Rapid cessation of cell division and subsequent growth.
 It controls a wide range of grass weeds and broad leaf weeds.
 It is safe for neighboring leaved and other crop.

Approved Pack Sizes : 8gm & 8gm+200g Spreader.

Recommendation for use

Target Pests	Dose/Acre
Chenopodium album, Melilotus indica, Melilotus alba, Vicia sativa, Vicia hirsua Lathyrus aphaca , Anagallis Arvensis, Cirsium arvensis Eclipta alba etc.	8g.
Eclipta alba , Ludwigia, Parvflora, Marsilea quarifoliata, Sphenochlea zenlanica, Fimbristylis miliucea, Commelina benghalensis Caesulia axilaris.	8g.



SHARP

- Technical Name** : 2,4-D AMINE SALT 58% SL
Mode of Action : It is a selective broad spectrum post emergence herbicides.
Features : It is used to control weeds in a variety of corps.
 It is absorbed by the roots foliage, act as a growth inhibitor.

Approved Pack Sizes : 400ml & 1ltr.

Recommendation for use

Target Pests	Dose/Acre
Cyperus iria, Striga sp., Trianthema sp., Tridax proubens Diger arvensis, Convolvulus arvensis Euphorbia hirta Phyllanthus niru.	400ml
Trianthema monogyn, Amaranthus sp., Tribulus terrestris, boerhaavia diffusa, Portulaca oleracea, Cyperus sp.	400ml
Chenopodium album, Melilotus alba Asphodelus tenuifolius, Fumaria perviflora Convolvulus arvensis	400ml
Cyperus iria, Digitaria Sp., Portulaca, oleracea, Convolvulus arvensis Diger arvensis, Dactyloctenium aegiopticum, commelina, benghalensis.	400ml
Chenopodium album, Asphodelus tenuiflius, Convolvulus arvensis Portulaca oleracea.	400ml
Eichhornia crassipes	400ml





HEMUP

- Technical Name** : Glyphosate 41 % SL
Mode of Action : Non Selective Systemic Herbicide .
Features : HEMUP is a non selective systemic herbicide, absorbed by the foliage, with rapid translocation throughout the plant. It is used in different stages as a pre-harvest, pre emergence, post emergence and pre plant incorporation . It effectively controls annual, biennial, perennial grasses, sedges, broad-leaf weeds and wood shrubs. It ensures complete kill of weeds thereby preventing regeneration of weeds.

Approved Pack Sizes : 250ml, 500ml, 1ltr. & 5Ltr.

Recommendation for use

Target Pests	Dosage/Acer
Arundinella benghalensis, Axonopus camressus, Cynodon dactylon Imperata cylindrical, Paspalum scrobiculatum, Polygonum perfoliatum	800-1200 ml



RAZE

- Technical Name** : Paraquat dichloride 24 % SL
Mode of Action : Non -selective contact herbicide.
Features of RAZE : RAZE is broad spectrum, non selective & contact herbicide containing 24 % Paraquat dichloride A.I which effectively controls broad leaved weeds & grasses. It is absorbed by foliage with some translocation in xylem. An ideal herbicide for conservation and no-till system (only control the foliage parts of weed) thus promoting intact roots and preventing soil erosion. It is used as post emergence directed application & pre- plant application in many crops. It damages cell membranes & cytoplasm during photosynthesis by producing superoxide.

Approved Pack Sizes : 250ml, 500ml, 1ltr, 5ltr & 20ltr.

Recommendation for use

Target Pests	Dose/Acre
Imerata cylindrica, set- aria sp., Commelina benghalensis, Boerhavia hispida, Paspalum conjugatum	340 ml-1700 ml
Chenopodium sp, Anagallis arvensis Trianthema monogyna Cyerus rotandus	424 ml-850 ml
Digera arvensis, Cyperus	500 ml-850 ml
Ageratum conyzoides commelina benghalensis Echinochloa crusgali cyprus iria	500-1600 ml
Grassy & broad leaved weeds	1700 ml
Creassipes	1680 ml
Cyperus rotundus	1000 ml



HISULFO

- Technical Name** : Sulfosulfuron 75% WG
Mode of Action : Systemic, Selective Post-emergent Herbicide For Narrow Leaf Weeds In Wheat
Features : REKISHI is a systemic, selective post-emergent herbicide of sulfonylurea group. REKISHI effectively controls the narrow leaf weeds like Phalaris minor (Mandusi/ Guli danda) and broad leaf weeds like Chenopodium (Bathu), Malilotus (Sainji). REKISHI inhibits the synthesis of amino acids and stops the metabolic process, with the result weeds dry up and ultimately dies.

Pack Sizes : 13.5 g kept in Pouch

Recommendation for use

Target Pests	Dose/Acre
Phalaris minor, Wildoat, Chenopodium, Melilotus, Lathyrus, Medicago, etc.	13.5 g Rekishi + 500 ml Surfactant

HICLODI

- Technical Name** : Clodinafop propargyl 15% WP
Mode of Action : Post emergence and selective herbicide
Features : Stop is a new generation wheat herbicide. It is specially developed for the control of Phalaris minor & wild oats in wheat crop. Recommended for post emergence application, the herbicide is taken up through leaves of grass weeds. Active growth of susceptible grasses ceases within 48 hours. Stop quickly, degraded in the soil & has little or no soil activity. Hence no cropping restrictions. Best results are obtained, when the majority of grass weeds have emerged and are actively. Do not apply if rainfall is expected within 2 hours .

Approved Pack Sizes : 160g.

Recommendation for use

Target Pests	Dosage/Acer
Phalaris	160g





HEMIPENDA PLUS

- Technical Name :** PENDIMETHALIN 38.7% CS
Mode of Action : BROAD SPECTRUM SELECTIVE PRE-EMERGENT HERBICIDE
 HEMIPENDA PLUS belongs to Dinitroaniline chemical group. HEMIPENDA PLUS is a broad spectrum, selective pre-emergent and pre-plant incorporation herbicide recommended in soyabean, Onion, Chilli and Cotton crops for effective control of annual grasses, sedges and broad leaved weeds.
- Features :** HEMIPENDA PLUS absorbed through both the leaves and rooting of weed plants. HEMIPENDA PLUS inhibits the cell division at the time of weed seed germination.
- Pack Sizes :** 700ml. & 3.5ltr.

Recommendation for use

Target Pests	Dose/Acre
Echinochloa colonum, Dinebra Arabica, Brachiariamutica, Portulacaoleracea, Amaranthus spp., Commelina spp., Partheniumhysterophorus, Digeraarvensis,	600-700ml,
Digitariasanguiculatis, Echinochloa colonum, Dinebra Arabica, Eragrostis minor, Lantana camara, Brachiariamutica, Portulacaoleracea, Amaranthus spp., Partheniumhysterophorus, Commelinacommunis.	600-700ml,
Dactylocteniumaegyptium, Dinebra Arabica, Digitariasanguiculatis, Echinochloa spp., Portulacaoleracea, Commelina sp., Digitariaarvensis, Amaranthusviridis, Trianthemaportulacastrum,.	600-700ml,



HAIFIT PLUS

- Technical Name :** Pretilachlor 37% E.W.
Mode of Action : Broad-spectrum selective pre-emergence to early post-emergence rice herbicide. It controls grass, broadleaf, and sedge weeds. It is a cell division inhibitor. It is reported that chloroacetamide inhibit the synthesis of very long-chain fatty acids. It is taken up readily by the hypocotyls, mesocotyls, and coleoptiles, and to a lesser extent, by the roots of germinating weeds.
- Features :** It dissolves quickly and spreads fast and has an effective action. It is safe for the crop and environment. It is suggested to use between 0-5 days after transplanting of paddy. It is also suggested to avoid flooding the field up to 24 hours after application. It exhibits highly efficient control of a variety of weeds like annual grasses, sedges and broad-leaved weeds.
- Approved Pack Sizes :** 600ml. & 3Ltr.

Recommendation for use

Target Pests	Dosage/Acer
Echinochloa crusgalli, Echinochloa colonum, Cyperus difformis, Cyperus iria, Digitaria sanguinalis, Fimbristylis miliacea, Eclipta alba, Ludwigia parviflora, Monochoria vaginalis	600-750ml.



HIGROW

- Technical Name :** Gibberellic Acid 0.001% L
Dosage : 1.5 - 2 ml/ ltr of water
Mode of Action : It acts synergistically with plants metabolism and accelerates the growth functions of the plants. It also improves the physiological efficiency of the crop by stimulating the hormonal and enzymatic activities and increases the yield and quality of the crop produce.
- Features of HIGROW :** HIGROW is unique combination of sea weed extracts and GA. HIGROW Acid acts synergistically with plant metabolism and accelerates the growth function of the plant. HIGROW also improve the physiological efficiency of the crop by stimulating the hormonal and enzymatic activities and increases the yield and quantity of the crop produce. HIGROW mobilizes reserves in seed to germinating point leading to breaking of seed dormancy and faster germination. HIGROW increase stem length in flowers grown for export. Improves photosynthesis and plant metabolism.
- Recommendation for use:** HIGROW is Recommended to be used to enhance the growth process in various crops, Fruits And Vegetables by Providing essential Vitamins And other Natural Resources to the plant. It Can be used on following crops: Rice, Cotton, Groundnut, Sugarcane Cauliflower Brinjal, Okra, Onion, Grapes, Banana. & other fruits and vegetables.
- Approved Pack Sizes :** 100ml, 250ml, 500ml, & 1ltr.

ROOTER

- Technical Name :** Tricantanol 0.5%-GR-&-0.1% EW
MODE of Action : Plant Growth Regular.
Features : ROOTER & Safari are Triacantanol based plant growth promoter for crops, available in both granular (0.05%) and liquid (0.1%) form for soil and foliar application to improve the crop yield. ROOTER & Safari are highly effective plant growth promoter. It contains mixture of long chain, high molecular weight fatty alcohols namely, tricontennial and phytosterol beta sitosterol, campe sterol and stigma sterol). When applied on plants during grand growth period, gold, activates secondary messengers leading to enhanced enzymatic activities in plants.
- Dose :** Safari @250ml/acre and ROOTER @ 5 kg / acre for paddy .
Lust green growth of vegetative branches, more roots enhanced, photosynthesis, more flower, reduction in flower & fruit drop.
- Approved Pack Sizes of Safari :** 100ml, 250ml, 500ml, & 1ltr.
Approved Pack Sizes of ROOTER : 5 kg





BAHAR PLUS



Technical Name : MANGANESE SULPHATE 30.5%MIN

Features & Benefits : Manganese Sulphate Fertilizer is to remove manganese deficiency of potato, wheat, citrus, paddy, nurseries, maize, paddy, sugarcane, fruit crops and all other crops showing Manganese deficiency symptoms.

Approved Pack Sizes : 1kg.

GREEN GROW

Technical Name : MAGNESIUM SULPHATE 9.5

Features & Benefits : Magnesium sulphate is a secondary nutrient and is used to correct magnesium deficiency in the soil. Magnesium sulphate also improves nitrogen and phosphorous uptake by crops. It is best for crops that required magnesium-rich soil for growth, it is also widely used in pot mixes too.

Approved Pack Sizes : 1kg & 10kg





FEROX PLUS

Technical Name : FERROUS EDTA 12%

Features & Benefits : This is the source of Iron. Iron is a micronutrient which is required for plant growth and without which the disorders like iron chlorosis occurs which results in reduction in yield. FE EDTA contents 12% FE and in this product the ferrous is chelated by a chelating agent EDTA (Ethylene diamine tetra acetic acid) the product is recommended for soil application as well as for foliar application.

This product is widely used to correct or to prevent the iron deficiencies and iron chlorosis and it is recommended for soil pH ranging from 4 to 8.

Approved Pack Sizes : 100g, 250g & 500g.



FEROX

Technical Name : FERROUS SULPHATE 19%

Features & Benefits : Iron plays an important role in the synthesis of Chlorophyll, Cytochrome and Flavoproteins. It helps in complete oxidation and metabolic activities. FEROX contains Iron micronutrient useful for the complete growth of plant. It has 19% Iron (Fe), which increases rate of photosynthesis in plant and subsequently enhances the nodule formation and legume formation.

Approved Pack Sizes : 1kg & 5 kg



ZINCO-33

Technical Name : ZINC 33%(Min.) & Sulphur 15% (Min).

Recommendations : Useful for all crops i.e. Cereals / Legumes / Vegetables / Fruits / Vegetables etc. It increases production as well quality of the crop produce. In addition to Zinc, it also increased availability of Sulphur to the crops.

Approved Pack Sizes : 4kg.



FLORY-20

Technical Name : BORON (as B) 20.0%

Recommendations : Apples, Grapes, Papaya, Coffee, Tea, Citrus fruits, Pomegranate, Banana, Maize, Cotton, Sunflower, Groundnut, Sugarcane, Cabbage, Cauliflower, Onion, Tomato Carrot, Beet & Celery etc.

Soil Application : Soil application is usually done prior to planting, sowing by broadcast or placement method. The rate of application varies with nature of Crop, type of nutrient, soil type etc. Applied directly to Soil, or with Other fertilizers and herbicides with which it is compatible.

Foliar Application : Foliar application is done 2-3 times during the active phase of crop at appropriate intervals. Usually 1-1.5gms per litre of water of FLORY-20 is recommended for foliar spray.

Approved Pack Sizes : 100g & 250g.





ZINCO-21

- Technical Name** : ZINC 21%(Min.) & Sulphur 10% (Min).
Recommendations : ZINCO-21 Zinc Sulphate Heptahydrate (21%) supplies: zinc which is an essential component of various enzyme systems for energy production, protein synthesis and growth regulation zinc which contributes towards chlorophyll synthesis thereby increasing photosynthetic activity sulphur, another essential plant nutrient required for synthesis of two essential amino acids
Approved Pack Sizes : 5kg.



HIM-ZINC

- Technical Name** : ZINC EDTA 12%
Features & Benefits : HIM-ZINC applied foliary or as soil application, ensures the plant gets the maximum amount of needed Zinc with in the shortest possible time. Parag ensures the maximal utilization of Zinc irrespective of the physical and chemical characteristics of the Soil.
Approved Pack Sizes : 500g.



ACTIVE ZINC

- Technical Name** : Zinc Solubilizing bacteria in granule formulation for soil application.
Mode of Action : **ACTIVE ZINC** Improves fertilizer use efficiency sustainable supply of zinc. Stimulates beneficial microbial activity in the Rhizosphere. Improves size and quality of yield and fruit. Stabilizes soil aggregates. Maintains soil fertility. Non toxic, residue free.
Target crops : Wheat, rice, maize sugarcane cotton, soybean, gram, pigeon, pea (Fruits and vegetable).
Approved Pack Sizes : 4Kg



PARTNER

- Technical Name** : PHOSPHATE RICH ORGANIC MANURE
Mode of Action : PARTNER PROM contains phosphorus in a soluble form. This phosphate rich organic manure improves the physical, chemical and biological properties of the soil and increases crop production. It improves electrical conductivity of soil and enhances the activity of beneficial microorganisms in soil. It also balances the soil pH. It helps in humus formation. It also improves the germination percentage of seeds and helps in effective root development. It improves the resistance power of crops against various disease. It is a complete Eco-friendly product.
Approved Pack Sizes : 50Kg





SURAKSHA

- Technical Name** : Nutrient Mobilising Mycorrhizal Species
MODE of Action : SURAKSHA is Proficient in Providing nutrients to the plants. SURAKSHA is an association between the plant and the fungus. The fungus colonizes the roots of the plants either intracellular or extra cellular. SURAKSHA plays important role in improving plants health by refining the nutrients and water uptake by their host plant and also provides defense against various soil born pathogens. In return, the fungi receives carbohydrates and Growth factors from the host plant. Other benefits includes: increased resistance to foliar-feeding insects, improved drought resistance and increased tolerance of salinity and Heavy metals.
- KEY FEATURES** : It improves root growth up 200 times or more. It maintains sufficient moisture near plant roots and helps plant to tolerate drought and salt conditions. Improves phosphorous availability from 60 to 80 % . Improves productivity and quality of crops. improves plants immunity to fight against plant pathogens
- CROPS** : Paddy , wheat, finger Millet, Bajara, Maize, Potato, Onion Garlic, brinjal, chilli, cucumber, sugarcane. Sudan grasses, lemon grasses, gram (Channa Moong bean, red gram(arhar,) black gram (Urd) Rajma, Soyabean, sunflower, groundnut, Cotton.
- Approved Pack Sizes** : 4Kg.



THIOSULF -90

- Technical Name** : SULPHUR 90%
Mode of Action : It helps in chlorophyll formation, protein synthesis and energy release process in plants. Sulphur is released in a slow and controlled manner thereby reducing wastage and ensuring maximum availability to the crop over a longer duration. THIOSULF-90 helps in better utilization of other NPK fertilizers by the crop.
- Features & Benefits** : Sulphur 90% W.D.G helps in maintaining the appropriate pH of the soil, thereby better uptake of other nutrients. Better crop stand. Key ingredients in the process of the photosynthesis. Helps in the synthesis of proteins, Enzymes & Vitamins. controls metabolic & growth processes within plant cells. Promotes modulation in the Legumes thereby helps in nitrogen Fixation.
- Approved Pack Sizes** : 3 kg



CHAMAK

- Technical Name** : POTASSIUM MOBILIZING BIO FERTILISERS (KMB)
Mode of Action : Potassium Mobilizing Bio Fertilisers contain bacteria that are capable of solubilizing inorganic Potassium from insoluble compounds and providing it for plant uptake. These microorganisms are commonly known as potassium solubilizing bacteria or potassium dissolving bacteria.
- Approved Pack Sizes** : 4Kg



PHOSPHATE POWER

- Technical Name** : PHOSPHATE SOLUBILIZING BACTERIA (PSB)
Mode of Action : Phosphate solubilizing microbes (PSMs) are a group of beneficial microorganisms capable of hydrolyzing organic and inorganic insoluble phosphorus compounds to soluble P form that can easily be assimilated by plant
- Approved Pack Sizes** : 4Kg





OUR PHILOSOPHY

We aim to have a simple and flexible product range able to solve most of the problems related to "basic" and "advanced" agriculture in the world. Our products are designed on agronomic research and prepared in our plants. We start by tracking the highest quality raw materials. These are then treated according to the best scientific and technical knowledge currently available.

We spend a great deal of attention to innovation in order to propose advanced agronomic solutions to our partners.

We are focused on efficient crop nutrition, improving agricultural yields, and the quality and traceability of our products within the environment. This attention to detail allows for smart choices that achieve the highest net income while maintaining environmental responsibility.

