



**SHANGHAI AGRORIVER CHEMICAL CO., LTD**

# **PRODUCT CATALOGUE**

**AgroRiver  
Your best choice for Agrochemicals**



Sales Department



Quality control Department

Registration Department

Transportation Department



## ABOUT US

Agroriver Group is dedicated to manufacturing, researching and sales in the field of agrochemical, fertilizer, public health product in China. Shanghai Agroriver chemical Co.,Ltd is located in shanghai, specialized in exporting to more than 50 countries, owning long term partnership with local famous distributors and formulation factories. Agroriver cherishes everyclient and every cooperation chance, and has well-established strict quality control and efficient transportation system.

Depending on professional sales team and abundant funds, Agroriver can provide fullest solution for overseas customers, including registration and releasing support strongly. Agroriver insists doing well in all details, and doing perfect in every order.

Our vision is to become a good reputation protection group. Agroriver warmly welcome more partners to join us to create a brilliant future.

## GLYPHOSATE

**Active ingredient: Glyphosate**  
**Chemical name: N-(phosphonomethyl)glycine**

**Use:** Control of annual and perennial grasses and broad-leaved weeds, pre-harvest, in cereals, peas, beans, oilseed rape, flax, mustard, orchards, pasture, forestry and industrial weed control.



Specification for Glyphosate Technical		Specification for Glyphosate IPA 480g/LSL	
ITEM	STANDARD	ITEM	STANDARD
Appearance	White dry powder, free from visible extraneous matter and added modifying agents.	Appearance	Light yellow homogeneous liquid
Content of glyphosate	≥95%	Content of glyphosate, g/L	≥480g/L
Loss on drying	≤0.5%	pH	4.0-8.0
Insoluble matter in NaOH	≤0.2%	Density, g/ml	1.16-1.17g/ml

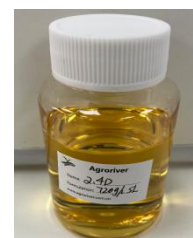
Specification: 95%Tech., Glyphosate ammonium salt 36% SL, glyphosate IPA 480g/L SL, 75.7% SG  
 Packing: net 25kg in bag or 200L drum or small package according to client's requirement.



## 2,4-D

**Active ingredient: 2,4-D**  
**Chemical name: (2,4-dichlorophenoxy) acetic acid**

**Use:** Post-emergence control of annual and perennial broad-leaved weeds in cereals, maize, sorghum, grassland, established turf, grass seed crops, orchards (pome fruit and stone fruit), cranberries, asparagus, sugar cane, rice, forestry, and on non-crop land (including areas adjacent to water).



Specification for 2,4-D Technical		Specification for 2,4-D Dimethyl Amine Salt 720g/L SL	
ITEM	STANDARD	ITEM	STANDARD
Appearance	White loose powder, free from visible extraneous matter	Appearance	Light yellow transparent homogeneous liquid
Content of 2,4-D	≥98%	Content of 2,4-D, g/L	≥720g/L
Loss on drying	≤1.5%	pH	7.0-9.0
Free phenol (as 2,4-dichlorophenol)	≤0.3%	Free phenol	≤0.3%
		Density	1.2-1.3

Specification: 98%Tech, 2,4-D dimethylamine salt 720g/L SL, 2,4-D 600g/L SL, 2,4-Ddimethylamine 860g/L SL  
 Packing: net 25kg in bag or 200L drum or small package according to client's requirement.



## PARAQUAT

**Active ingredient: Paraquat**

**Chemical name: 1,1'-dimethyl-4,4'-bipyridinium dichloride**

**Use:** Broad-spectrum control of broad-leaved weeds and grasses in fruit or chards, plantation crops, vines, olives, tea, onions, sugar beet, and shrubs, in forestry, etc. Also used for general weed control on non-crop land; as a defoliant for cotton and hops.

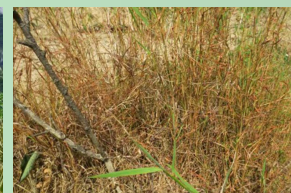


Specification for Paraquat 42% TKL	
ITEM	STANDARD
Appearance	Bluish-green homogeneous liquid
Content of paraquat dichloride	≥42%
PP796 emetic	≥0.08%
pH	4.0-6.0
Free 4,4'-bipyridyl	≤0.1%
Insolubles in water	≤0.5%

Specification for Paraquat 200g/L SL	
ITEM	STANDARD
Appearance	Bluish-green clear liquid
Content of paraquat cation,g/L	≥200g/L
pH	4.0-7.0
Density, g/ml	1.07-1.09 g/ml
Content of emetic(pp796)	≥0.04%

Specification: 276g/L SL, 200g/L SL, 42% Tech

Packing: net 220kg drum or 200L drum or small package according to client's requirement.

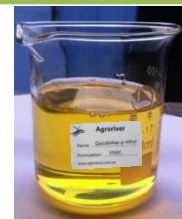


## QUIZALOFOP-P-ETHYL

**Active ingredient: Quizalofop-p-ethyl**

**Chemical name: Ethyl (2R)-2-[4-[(6-chloro-2-quinoxalinyloxy]phenoxy]propanoate**

**Use:** control of annual and perennial grass weeds in soya beans, peanuts, cotton, oilseed rape, flax, potatoes, sugar beet, vegetables, and sunflowers.



Specification for Quizalofop-P-ethyl 96% Technical	
ITEM	STANDARD
Appearance	White to light yellow fine powder
Content of Total ester	≥ 96%
Content of quizalofop-P-ethyl (R-isomer)	≥93%
Water	≤0.5%
pH	5.0-7.0
Acetone insolubles	≤0.5%

Specification for Quizalofop-P-ethyl 5% EC	
ITEM	STANDARD
Appearance	Homogeneous liquid
Content of quizalofop-P-ethyl	≥5%
Water	≤0.5%
pH	5.0~7.0
Emulsion stability(as 0.5% aqueous solution)	Qualified
Stability at 0°C	The volume of solid and/or liquid which separates shall not be more than 0.3 ml.

Specification: 96% Tech., 10% EC, 5% EC, 12.5% EC

Packing: net 25kg in bag or 200L drum or small package according to client's requirement.



## EMAMECTIN BENZOATE

**Active ingredient: Emamectin benzoate**

**Chemical name: (4''R)-5-0-demethyl-4'',-deoxy-4''-(methylamino) avermectinA1a+(4''R)-5-0-demethyl-25-de(1-methylpropyl) 4''-deoxy-4''-(methylamino)-25-(1-methylethyl)avermectinA1a(9:1)**

**Use:** For control of Lepidoptera on vegetables, brassicas and cotton and in pine trees.



Specification for Emamectin Benzoate Technical	
ITEM	STANDARD
Appearance	Yellow to pale yellow to colorless crystalline powder
Emamectin benzoate B1	≥95%
The peak area ratio of B <sub>1a</sub> /B <sub>1b</sub>	≥20
Water	≤2%
pH	4.0-8.0

Specification for Emamectin Benzoate 5% WDG	
ITEM	STANDARD
Appearance	White or light yellow loose granule
Emamectin	≥5%
Water	≤3%
pH	6.0-10.0
Suspensibility	≥75%
Wetting time,s	≤90s
Wet sieve test(through 75 μm sieve)	≥98%

Specification: 95% Tech., 90% Tech., 70% Tech., 1.9% EC, 5% WDG

Packing: net 25kg in paper drum or 200L drum or small package according to client's requirement.



## IMIDACLOPRID

**Active ingredient: Imidacloprid**

**Chemical name: 1-[(6-chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine**

**Use:** Control of sucking insects, including rice-, leaf-and planthoppers, aphids, thrips and whitefly. Also effective prevention of soil insects, termites and some species of biting insects, such as rice water weevil and colorado beetle. Used as a seed dressing, as soil treatment and as foliar treatment in different crops, e.g. rice, cotton, cereals, maize, sugar beet, potatoes, vegetables, citrus fruit, pome fruit and stone fruit.

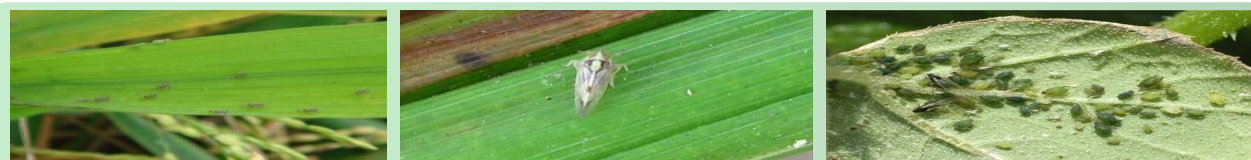


Specification for Imidacloprid Technical	
ITEM	STANDARD
Appearance	White powder
Content of imidacloprid	≥96%
Loss on drying	≤1%
Acidity(as H <sub>2</sub> SO <sub>4</sub> )	≤0.5%
DMF intersolubles	≤0.5%

Specification for Imidacloprid 200g/L SL	
ITEM	STANDARD
Appearance	Homogeneous liquid
Content of imidacloprid, g/L	≥200 g/L
Water	≤0.5%
pH	5.0-8.0
Persistent foam, ml	≤60 ml

Specification: 96%Tech., 95%Tech., 70%WDG, 20% SL

Packing: net 25kg in bag or 200L drum or small package according to client's requirement.



## DIMETHOATE

**Active ingredient: Dimethoate**

**Chemical name: O,O-dimethyl S-[2-(methylamino)-2-oxoethyl] phosphorodithioate**

**Use:** Control of a wide range of Acari, Aphididae, Aleyrodidae, Coccidae, Coleoptera, Collembola, Diptera, Lepidoptera, Pseudococcidae and Thysanoptera in cereals, citrus, coffee, cotton, fruit, grapes, olives, pastures, beetroot, potatoes, pulses, tea, tobacco, ornamentals, ornamental shrubs, and vegetables. Also used for control of flies in animal houses. .



Specification for Dimethoate Technical	
ITEM	STANDARD
Content of dimethoate	≥98%
Water	≤0.2%
Acidity(as H <sub>2</sub> SO <sub>4</sub> )	≤0.1%

Specification for Dimethoate 40% EC	
ITEM	STANDARD
Content of dimethoate, (w/v)	≥40%
Content of Water	≤0.5%
Acidity(as H <sub>2</sub> SO <sub>4</sub> )	≤0.3%
Emulsion stability	Qualified

Specification: 98% Tech., 40% EC

Packing: net 25kg in bag or 200L drum or small package according to client's requirement.

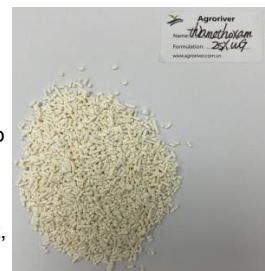


## THIAMETHOXAM

**Active ingredient: Thiamethoxam**

**Chemical name: 3-[(2-chloro-5-thiazolyl)methyl]tetrahydro-5-methyl-N-nitro-4H-1,3,5-oxadiazin-4-imine**

**Use:** Control of aphids, whitefly, thrips, ricehoppers, ricebugs, mealybugs, white grubs, Colorado potato beetle, flea beetles, wireworms, ground beetles, leaf miners and some lepidopterous species. Major crops for foliar and soil treatments are cole crops, leafy and fruity vegetables, potatoes, rice, cotton, deciduous fruit, citrus, tobacco and soya beans; seed treatment in maize, sorghum, cereals, sugar beet, oilseed rape, cotton, peas, beans, sunflowers, rice and potatoes.

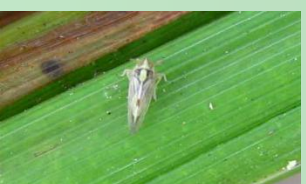


Specification for Thiamethoxam Technical	
ITEM	STANDARD
Appearance	Off-white powder
Content of thiamethoxam	≥95%
Water	≤0.5%
Acetone insolubles	≤0.5%

Specification for Thiamethoxam 25% WDG	
ITEM	STANDARD
Content of thiamethoxam	≥25%
Suspensibility	≥80%
Water	≤3%
pH	5.0-8.0
Wettingtime, s	≤60s
Disintegration time, s	≤180s
Persistent foam, (1min) ml	≤25ml

Specification: 96% Tech., 95% Tech., 25% WDG

Packing: net 25kg in bag or 200L drum or small package according to client's requirement.



## CHLORPYRIFOS

**Active ingredient: Chlorpyrifos**

**Chemical name: O,O-diethylO-(3,5,6-trichloro-2-pyridinyl) phosphorothioate**

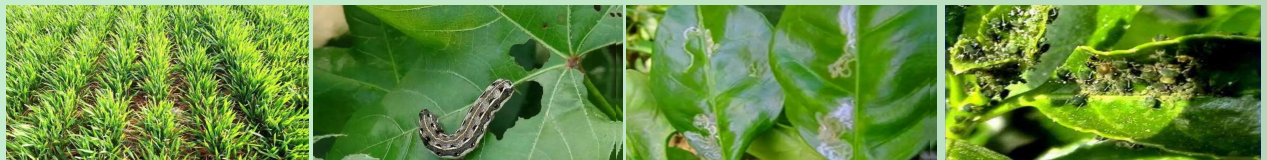
**Use:** Control of Coleoptera, Diptera, Homoptera and Lepidoptera in soil or on foliage in over 100 crops including pome fruit, stone fruit, citrus fruit, nut crops, strawberries, figs, bananas, vines, vegetables, potatoes, beet, tobacco, soya beans, sunflowers, sweet potatoes, peanuts, rice, cotton, and outdoor ornamentals, turf, and in forestry.



Specification for Chlorpyrifos Technical		Specification for Chlorpyrifos 480g/L EC	
ITEM	STANDARD	ITEM	STANDARD
Appearance	White or pale grey powder, free from visualized extraneous material.	Appearance	Pale yellow liquid
Content of chlorpyrifos	≥98%	Content of chlorpyrifos, g/L	≥480g/L
Acidity(as H <sub>2</sub> SO <sub>4</sub> )	≤0.2%	pH	4.5-6.5
Loss on drying	≤2%	Water	≤0.5%
Acetone insolubles	≤0.5%	Density, g/ml	1.05-1.1g/ml
		Emulsion stability	Qualified

Specification: 98%Tech., 97%Tech., 480g/L EC

Packing: net 220kg drum or 200L drum or small package according to client's requirement.

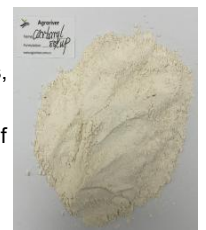


## CARBARYL

**Active ingredient: Carbaryl**

**Chemical name: 1-Naphthyl N-methylcarbamate**

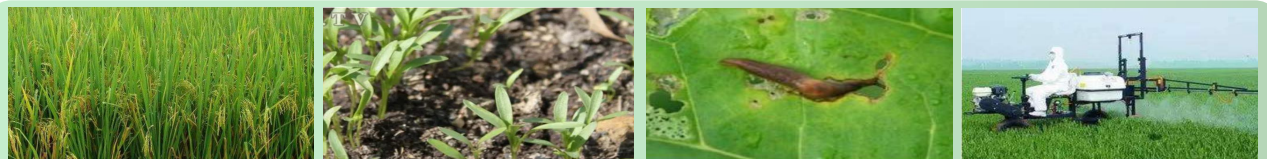
**Use:** Control of Lepidoptera, Coleoptera, and other chewing and sucking insects, at 0.25-2.0 kg/ha, on more than 120 different crops, including vegetables, tree fruit (including citrus), mangoes, bananas, strawberries, nuts, vines, olives, okra, cucurbits, peanuts, soya beans, cotton, rice, tobacco, cereals, beet, maize, sorghum, alfalfa, potatoes, ornamentals, forestry, etc. Control of earthworms in turf. Used as a growth regulator for fruit thinning of apples. Also used as an animal ectoparasiticide. Phytotoxicity Non-phytotoxic if used as directed. Under certain conditions, some varieties of apple and pear may be injured. Formulation types DP; GR; OF; RB; SC; TK; WP. Compatibility Incompatible with alkaline materials such as Bordeaux mixture, lime, and lime sulfur.



Specification for Carbaryl 85%WP	
ITEM	STANDARD
Appearance	Off white loose powder
Content of carbaryl	≥85%
Suspensibility	≥75%
pH	4.0-7.5
Water	≤3%
Wetting time, s	≤90s
Wet sieve( through 45µm sieve)	≥98%

Specification: 98%Tech., 50%WP, 85%WP

Packing: net 25kg in bag or small package according to client's requirement.



## ABAMECTIN

**Active ingredient: Abamectin**  
**Chemical name: Avermectin B1**

**Use:** Control of motile stages of mites, leaf miners, suckers, Colorado beetles, etc. on ornamentals, cotton, citrus fruit, pome fruit, nut crops, vegetables, potatoes, and other crops. Application rates are 5.6 to 28 g/ ha for mite control, 11 to 22 g/ ha for control of leaf miners. Also used for control of fire ants..



Specification for Abamectin 95% Technical	
ITEM	STANDARD
Appearance	White to beige, crystalline powder
Content of abamectin.	≥95%
B1a/B1b	≥4
Loss on drying	≤2%
pH	4.5~7.0
Acetone insolubles	≤0.2%

Specification for Abamectin 1.8% EC	
ITEM	STANDARD
Appearance	Homogeneous light golden liquid
Content of abamectin	≥1.8%
Water	≤0.6%
pH	4.5~7.0
Emulsion stability (as 0.5% aqueous solution)	Qualified

Specification: 95% Tech., 1.8% EC, 5%EC, 5%EW

Packing: net 25kg paper drum or 200L drum or small package according to client's requirement.



## CYPERMETHRIN

**Active ingredient: Cypermethrin**  
**Chemical name: Cyano(3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate**

**Use:** Control of a wide range of insects, especially Lepidoptera, but also Coleoptera, Diptera, hemiptera, and other classes, in fruit (including citrus), vines, vegetables, potatoes, cucurbits, lettuce, capsicums, tomatoes, cereals, maize, soya beans, cotton, coffee, cocoa, rice, pecans, oilseed rape, beet, ornamentals, forestry, etc. Control of flies and other insects in animal houses; and mosquitoes, cockroaches, houseflies and other insect pests in public health. Also used as an animal ectoparasiticide.

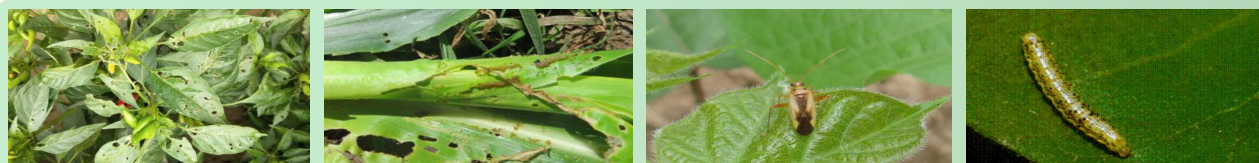


Specification for Cypermethrin 95% Technical	
ITEM	STANDARD
Appearance	Beige to brown viscous liquid or semi-solid
Content of Cypermethrin	≥95%
Water	≤0.1%
Acidity(as H <sub>2</sub> SO <sub>4</sub> )	≤0.1%

Specification for Cypermethrin 5% EC	
ITEM	STANDARD
Appearance	Homogeneous liquid
Content of Cypermethrin	≥5%
Water	≤0.5%
pH	4.0~6.0
Emulsion stability (as 0.5% aqueous solution)	Qualified

Specification: 95% Tech., 25% EC, 10% EC, 5% EC, 10% EW, 10% WP

Packing: net 25kg in bag or 200L drum or small package according to client's requirement.



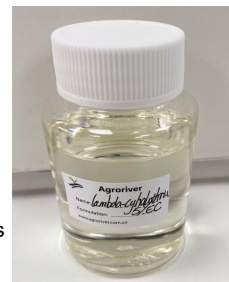


## LAMBDA-CYHALOTHRIN

**Active ingredient: Lambda-cyhalothrin**

**Chemical name: (R)-cyano(3-phenoxyphenyl)methyl (1S,3S)-rel-3-[(1Z)-2-chloro-3,3,3-trifluoro-1-propenyl]-2,2-dimeth**

**Use:** Control of a wide spectrum of insect pests, e.g. aphids, Colorado beetles, thrips, Lepidoptera larvae, Coleoptera larvae and adults, etc., in cereals, hops, ornamentals, potatoes, vegetables, cotton, and other crops. Provides good control of insect-borne plant viruses, at 2-5 g/ha. Also used for control of insect pests in public health.



### Specification for lambda-cyhalothrin 95% Technical

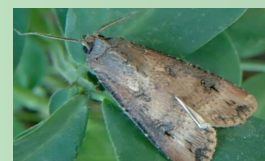
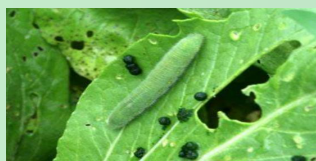
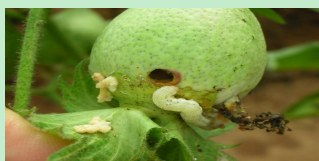
ITEM	STANDARD
Appearance	White to light brown powder
Content of lambda-cyhalothrin	≥95%
Aceton insolubles	≤0.5%
Water	≤0.5%
Acidity(as H2SO4)	≤0.3%

### Specification for lambda-cyhalothrin 5% EC

ITEM	STANDARD
Appearance	Homogeneous, light yellow liquid
Content of lambda-cyhalothrin	≥5%
pH	4.0-7.0
Water	≤0.8%
Emulsion stability (as 0.5% aqueous solution)	Qualified

Specification: 95% Tech., 5% EC, 10% WP, 25g/L EC, 50g/L EC

Packing: net 25kg in bag or 200L drum or small package according to client's requirement.



## ALPHA-CYPERMETHRIN

**Active ingredient: Alpha-cypermethrin**

**Chemical name: (R)-cyano(3-phenoxyphenyl)methyl (1S,3S)-rel-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxy**

**Use:** Control of a wide range of chewing and sucking insects (particularly Lepidoptera, Coleoptera, and Hemiptera) in fruit (including citrus), vegetables, vines, cereals, maize, beet, oilseed rape, potatoes, cotton, rice, soya beans, forestry, and other crops; applied at 10-15 g/ha. Control of cockroaches, mosquitoes, flies, and other insect pests in public health; and flies in animal houses. Also used as an animal ectoparasiticide.



### Specification for alpha-cypermethrin 95% Tech

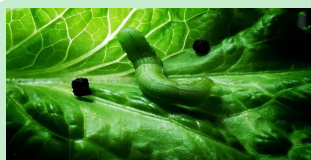
ITEM	STANDARD
Appearance	White- to cream-coloured crystalline powder
Content of Alpha-cypermethrin	≥95%
Water	≤0.5%
Acidity(as H2SO4)	≤0.5%

### Specification for alpha-cypermethrin 5% EC

ITEM	STANDARD
Appearance	Homogeneous light yellow liquid
Content of Alpha-cypermethrin	≥5%
pH	4.0~8.0
Emulsion stability (as 0.5% aqueous solution)	Qualified

Specification: 95% Tech., 97% Tech, 50g/L EC, 100g/L SC, 100g/L EC

Packing: net 25kg in bag or 200L drum or small package according to client's requirement.



## ACETAMIPRID

**Active ingredient: Acetamiprid**

**Chemical name: (E)-N-((6-Chloro-3-pyridinyl)methyl)-N'-cyano-N-methyl-ethanimidamide**

**Use:** Control of Hemiptera, especially aphids, Thysanoptera and Lepidoptera, by soil and foliar application, on a wide range of crops, especially vegetables, fruit and tea. It is systemic and intended to control sucking insects on crops such as leafy vegetables, citrus fruits, pome fruits, grapes, cotton, cole crops, and ornamental plants.



Specification for Acetamiprid 97% Technical	
ITEM	STANDARD
Appearance	Light yellow powder
Content of acetamiprid	≥97%
Water	≤0.5%
Acetone insolubles	≤0.3%
pH	4.0-7.0

Specification for Acetamiprid 20% SP	
ITEM	STANDARD
Appearance	Off white powder
Content of acetamiprid	≥20%
Water	≤3%
Wetting time	≤90 s
pH	6.0-10.0
Suspensibility	≥90%

Specification: 97% Tech., 60%WP, 70% WDG, 40% WDG/SP, 20% SP/WP, 20%SC, 10% EC

Packing: net 25kg in bag or 200L drum or small package according to client's requirement.



## DIAZINON

**Active ingredient: Diazinon**

**Chemical name: O,O-Diethyl O-2-isopropyl-4-methyl-6-pyrimidyl thiophosphate**

**Use:** Main applications are in rice, fruit trees, vineyards, sugar cane, corn, cotton, tobacco, potatoes. Horticultural crops and coffee for a wide range of sucking and leaf-eating insects. Used to against flies in the glasshouse and against fleas and ticks in veterinary practice.



Specification for Diazinon 95% Technical	
ITEM	STANDARD
Appearance	Bright yellow to brown liquid
Content of diazinon	≥95%
Water	≤0.06%
Acidity(as H <sub>2</sub> SO <sub>4</sub> )	≤0.03%
Insoluble matter in acetone	≤0.15%

Specification for Diazinon 50% EC	
ITEM	STANDARD
Appearance	Light yellow clear liquid
Content of diazinon	≥50%
Water	≤0.2%
Acidity(as H <sub>2</sub> SO <sub>4</sub> )	≤0.1%
Emulsion stability (5% aqueous solution )	Qualified

Specification: 95%Tech., 60% EC, 50% EC

Packing: net 220kg drum or 200L drum or small package according to client's requirement.



## CARBENDAZIM

**Active ingredient: Carbendazim**

**Chemical name: Methyl 1H-benzimidazol-2-ylcarbamate**

**Use:** Control of Septoria, Fusarium, Erysiphe and Pseudocercospora in cereals; Sclerotinia, Alternaria and Cylindrosporium in oilseed rape; Cercospora and Erysiphe in sugar beet; Uncinula and Botrytis in grapes; Cladosporium and Botrytis in tomatoes; Venturia and Podosphaera in pome fruit and Monilia and Sclerotinia in stone fruit.



Specification for Carbendazim 98% Tech	
ITEM	STANDARD
Appearance	White to light brown powders
Content of carbendazim	≥98%
Loss on drying	≤1%

Specification for Carbendazim 50% SC	
ITEM	STANDARD
Appearance	Flowable suspension liquid
Content of carbendazim	≥50%
Suspensibility	≥90%
Wet sieve (through 75µm sieve)	≥98%
pH	5.0~8.0

Specification: 98% Tech., 50% WP, 500 g/L SC

Packing: net 25kg in bag or 200L drum or small package according to client's requirement.



## MANCOZEB

**Active ingredient: Mancozeb**

**Chemical name: [[1,2-ethanediybis[carbomodithioato]](2-)]manganese mixture with [[1,2-ethanediybis[carbomodithioato]](2-)]zinc**

**Use:** Control of many fungal diseases in a wide range of field crops, fruit, nuts, vegetables, ornamentals, etc. More frequent uses include control of early and late blights of potatoes and tomatoes; downy mildew and black rot of vines; downy mildew of cucurbits; scab of apple; sigatoka of banana and melanose of citrus.

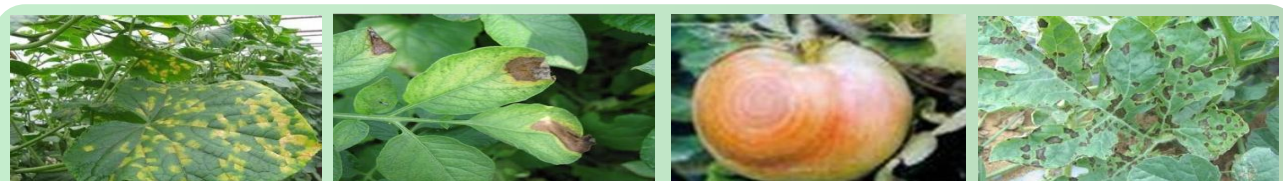


Specification for Mancozeb Technical	
ITEM	STANDARD
Appearance	Light yellow to grey-yellow powder
Content of mancozeb	≥85%
Mn	≥20%
Zn	≥2.5%
Water	≤1.5%
Wet sieve test (through 45µm sieve)	≥98%

Specification for Mancozeb 80% WP	
ITEM	STANDARD
Appearance	Light yellow loose powder
Content of mancozeb	≥80%
Content of Mn	≥20%
Content of Zn	≥2%
Water	≤3%
PH	6-9
Suspensibility	≥60%
Wettingtime, s	≤60 s
Persistentfoam, ml	≤25 ml
Wet sieve test (through 45µm sieve)	≥96%

Specification: 90% Tech., 88% Tech., 85% Tech., 80% WP, Mancozeb 64%+Metalaxyl 8% WP

Packing: net 25kg in bag or small package according to client's requirement.



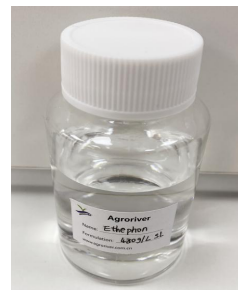
# PESTICIDE ♦ PLANT GROWTH REGULATOR

## ETHEPHON

**Active ingredient: Ethephon**

**Chemical name: 2-chloroethylphosphonicacid**

**Use:** To promote pre-harvest ripening in apples, blackberries, cranberries, citrusfruit, tomatoes, coffee, etc.; to accelerate post-harvest ripening in bananas, mangoes, and citrus fruit; to shorten the stem length in forced daffodils; to induce flowering and regulate ripening in pineapples; to accelerate boll opening in cotton; to modify sex expression in cucumbers and squash; to increase fruit setting and yield in cucumbers; to hasten the yellowing of mature tobacco leaves; etc.



Specification for Ethephon Technical	
ITEM	STANDARD
Appearance	White to grey-white wax solid
Content of ethephon	≥80%
pH	1.5-2.0
Water insolubles	≤0.2%

Specification for Ethephon 480g/L SL	
ITEM	STANDARD
Appearance	Colorless or light yellow liquid
Content of ethephon, g/L	≥480 g/L
pH	0.7-3.0
Dilution stability	Qualified

Specification: 80% Tech., 85% Tech., 90% Tech., 480g/L SL, 40% SL

Packing: net 25kg in bag or 200L drum or small package according to client's requirement.



## GA3 (Giberellic acid 3)

**Active ingredient: Gibberellic Acid**

**Chemical name: 2,4a,7-Trihydroxy-1-methyl-8-methylenegibb-3-ene-1,10-dicarboxylic acid 1,4a-lactone**

**Use:** to improve fruit setting, to increase yield, to loosen and elongate clusters, to reduce rind stain and retard rind ageing, to break dormancy and stimulate sprouting, to extend the picking season, to increase the malting quality.



Specification for Gibberellic acid (GA3) 90% TC	
ITEM	STANDARD
Appearance	White crystalline powder
Content of GA3	≥90%
Loss on drying	≤3.0%
Suspensibility of mancozeb	≥60%

Specification for Gibberellic acid 10% TB	
ITEM	STANDARD
Appearance	White, odourless tablet
Content of GA3	≥10%
Loss on drying	≤3.0%
Weight	≥10g

Specification: 90% Tech., 20% SP, 20% TB, 10% SP, 10% TB, 4% EC

Packing: net 25kg in bag or 200L drum or small package according to client's requirement.



# FERTILIZER ♦ FOLIAR NPK FERTILIZER

## Foliar NPK Fertilizer with TE, Amino Acids and Chitosan

Components	Content in% by weight(g/L)	Application Crop, Period and Dosage
N+P <sub>2</sub> O <sub>5</sub> +K <sub>2</sub> O	200	Crop: Fruit trees vegetable, tea trees, peanuts and cotton etc.  7-10 days interval and apply 2-4 times Dilution Ratio1: 600-1200
Magnesium	30	
Cu+Fe+Mn+Zn+B	10	
Free Amino Acid	100	
Chitosan	8	

### Features

Balanced nutrients formulation, isable to help root development leaves in dark green, stem growing, photosynthesis accel-eration.

Consisting of free amino acid and micronutrients, isable to improve fruit setting, expansion and prevent fruit cracking; increase sugar and Vitamin C cintent in fruit, extend fruit shelf life and correct micronutrientsdeficiency.

## Foliar NPK Fertilizer with TE and Chitosan Calcium Deficiency Corrector

Components	Contentin % by weight(g/L)	Application Crop, Period and Dosage
N+P <sub>2</sub> O <sub>5</sub> +K <sub>2</sub> O	200	Crop: Fruit trees, vegetable, tea trees, peanuts and cotton etc.  Suitable for flowering and fruit setting, fruit expansion period  7-10 days interval and apply 2-4 times Dilution Ratio1:600-1200
Calcium	120	
Magnesium	15	
Cu+Fe+Mn+Zn+B	2	
Chitosan	8	

### Features

Containing high content of calcium, it can prevent different diseases caused by calcium deficiency, helps to improve the resistance to sunburn and bacterial diseases, enhances the fruit hardness and extends shelf life.

It contains high content of magnesium which can help improving plant photosynthesis and yield. It is prohibited to mix with phosphate and alkaline pesticides.

# FETILIZER ♦ FOLIAR NPK FERTILIZER

## Foliar NPK Fertilizer with TE and Humic Acid Zinc and Boron Deficiency Corrector

Components	Content in% by weight(g/L)	Application Crop, Period and Dosage
N+P <sub>2</sub> O <sub>5</sub> +K <sub>2</sub> O	210	Crop: Fruit trees, vegetable, tea trees, peanuts and cotton etc.  Suitable for Seeding, budding, before blooming period.  7-10 days interval and application 2-4 times Dilution Ratio1:600-1200
Zinc	15	
Boron	10	
HumicAcid	30	

### Features

It contains humic acid with high activity which can improve crops' resistance to cold weather, drought and diseases.

With high content of zinc and Boton, it can help to reduce poor development of blooming and blooming without fruit caused by boron deficiency, and also prevent small leaves, stunted growing, white or yellow leaves, distortion caused by Zinc deficiency.

It can help to improve fruit-setting, expansion, and bud blooming.



## • Ammonium Sulphate caprolactam grade •

TOTAL N: 21% MIN  
TOTAL Sulphur: 24% MIN  
MOISTURE: 0.5%, MAX  
FREE ACID (H<sub>2</sub>SO<sub>4</sub>): 0.025% MAX  
Crystal  
Color: White / Off White  
Free from visible mechanical impurity



## • Granular Ammonium Sulphate •

TOTAL N: 20.5% MIN  
TOTAL Sulphur: 23.5% MIN  
MOISTURE: 0.5%, MAX  
FREE ACID (H<sub>2</sub>SO<sub>4</sub>): 0.02% MAX  
GRANULOMETRY: 2-4 MM 90%  
HARDNESS: 40 Newton MIN  
Color: White / Off White  
Free flowing free from visible mechanical impurity

## • MAP •

Total Nutrient: 55-60% MIN  
Total Nitrogen: 10-11% MIN  
Total Available P<sub>2</sub>O<sub>5</sub>: 44-50% min  
Water soluble P<sub>2</sub>O<sub>5</sub>: 85% of Available  
P<sub>2</sub>O<sub>5</sub> min  
Moisture: 2.0% max  
Granulometry: 2-4mm 90% min or Powder  
Color: White / Off White  
Free flowing, free from foreign substances.

## • SOP •

Potassium oxide as K<sub>2</sub>O: 52% Min  
Chloridion as Cl<sup>-</sup>: 1.5% Max  
Moisture as H<sub>2</sub>O: 0.5%Max  
Free acid as H<sub>2</sub>SO<sub>4</sub>: 0.5% Max  
Crystal grey white free flowing and free from foreign substances.

## • Urea •

Nitrogen: 46.0% min  
Biuret: 1.0% max  
Moisture: 0.5% max  
Granulometry 0.85-2.8mm / 2-4.75mm of 90% min  
White, free flowing and free from foreign substances

## • DAP •

Total Nutrient: 64% min  
Total Nitrogen: 18% min  
Total Available P<sub>2</sub>O<sub>5</sub>: 46%min  
Water soluble P<sub>2</sub>O<sub>5</sub>: 41% min  
Moisture: 2% max  
Granulometry: 2-4mm 90% min  
Color: Dark Brown  
Free flowing, free from harmful substances.

## • TSP •

Total phosphate as P<sub>2</sub>O<sub>5</sub>: 46% Min  
Available phosphate as P<sub>2</sub>O<sub>5</sub>: 44% Min  
water soluble phosphate as P<sub>2</sub>O<sub>5</sub>:38% Min  
Free phosphoric acid as P<sub>2</sub>O<sub>5</sub>: 4% Max  
Moisture: 3% Max  
Granulometry 2-4.75mm of 90% min

# Products That We Formulate

## HERBICIDES

Index	Commodity	Tech Grade	Formulation
	2,4D Dimethyl Amine Salt	98% Tech	720g/L SL,860g/L SL
A	Acetochlor	95% Tech	50% EC,900g/L EC
A	Alachlor	95% Tech	480g/L EC
A	Atrazine	97% Tech	500g/L SC, 80% WP
B	Butachlor	95% Tech	60% EC, 900g/L EC
B	Bentazone	97% Tech	480g/L SL
C	Clethodim	90% Tech	120g/L EC, 240g/L EC
C	Clopyralid	95% Tech	30% SL, 75% WDG
D	Diuron	97% Tech	25% WP, 50% SC, 80% WP
D	Diquat	95% Tech	200g/L SL
F	Fenoxaprop-P-ethyl	95% Tech	10% EC, 69g/L EW
G	Glyphosate	95% Tech	41% SL, 480g/L SL.62% IPA Salt, 75% SG
H	Haloxypop-R-Methyl	95% Tech	108g/L EC
M	Metsulfuron-methyl	95% Tech	10% WP, 60% WP, 60% WDG
M	Metribuzin	95% Tech	70% WDG, 70% WP
M	Metolachlor	97% Tech	720g/L EC, 960g/L EC
O	Oxyfluorfen	95% Tech	240g/L EC
O	Oxadiazon	95% Tech	12.5% EC
P	Paraquat	42%TKL	20% SL, 250g/L SL
P	Pendimethalin	95% Tech	33% EC
P	Pretilachlor	95% Tech	30% EC+10% Fenclorim
Q	Quizalofop-P-ethyl	95% Tech	5% EC,10% EC
T	Tribenuron-methyl	95% Tech	10% WP, 75% WDG
T	Trifluralin	95% Tech	48% EC

## PLANT GROWTH REGULATORS

Index	Commodity	Tech Grade	Formulation
E	Ethephon	85% Tech	480g/L SL
G	Gibberellicacid(GA3)	90% Tech	10% Tablet.10% SP
P	Paclobutrazol	95% Tech	15% WP



# Products That We Formulate

## INSECTICIDES

Index	Commodity	Tech Grade	Formulation
A	Abamectin	95% Tech	1.8% EC, 3.6% EC
A	Acetamiprid	97% Tech	20% SP, 70% WP
A	Acephate	97% Tech	30% EC, 75% SP
A	Alpha-cypermethrin	95% Tech	5% EC, 10% EC
B	Bifenthrin	97% Tech	100g/L EC, 20% EC
C	Cypermethrin	92% Tech	5% EC, 10% EC
C	Chlorpyrifos	97% Tech	40% EC, 480g/L EC
C	Cartap	98% Tech	50% SP
C	Carbofuran	98% Tech	3% GR, 5% GR, 10% GR
D	DDVP	95% Tech	50% EC, 80% EC
D	Dimethoate	98% Tech	40% EC, 50% EC
D	Deltamethrin	95% Tech	2.5% EC, 5% WP
D	Diazinon	95% Tech	50% EC, 600g/L EC
E	Endosulfan	95% Tech	35% EC
E	Emamectin Benzoate	70% Tech	2% EC, 5% WDG
F	Fenvalerate	95% Tech	20% EC
F	Fenthion	95% Tech	50% EC
F	Fipronil	95% Tech	25% SC, 80% WP
I	Imidacloprid	97% Tech	200g/L SL, 35% SC, 70% WDG
L	Lambda-cyhalothrin	95% Tech	2.5% EC, 5% EC, 10% EC
L	Lufenuron	95% Tech	5% EC
M	Malathion	95% Tech	45% EC, 57% EC, 70% EC
M	Methomyl	98% Tech	20% SP, 90% SP
T	Thiodicarb	95% Tech	75% WP
T	Trichlorfon	97% Tech	30% EC, 80% SP

# Products That We Formulate

## FUNGICIDES

Index	Commodity	Tech Grade	Formulation
A	Azoxystrobin	96% Tech	25%SC,50%WDG,70%WP
B	Benomyl	95% Tech	50%WP
C	Carbendazim	98% Tech	50%SC,50%WP,80%WP
C	Copperhydroxide	95% Tech	77%WP
C	Cyproconazole	95% Tech	40%EC,40%SC
C	Cyproconazole80g/L+Propiconazole250g/L	95% Tech, 95% Tech	400g/LSC
C	Chlorothalonil	98% Tech	40%SC,45%FU,75%WP
D	Difenoconazole	95% Tech	30g/LFS,10%WDG,250g/LEC
D	Diniconazole	95% Tech	10%EC,12.5%WP
E	Epoxyconazole	98% Tech	125g/LSC
F	Flutriafol	95% Tech	12.5%SC,250g/LSC
F	Fentin Acetate	95% Tech	45%WP,60%WP
H	Hymexazole	98% Tech	70%WP
H	Hexaconazole	95% Tech	5%SC,10%EC
I	Iprodione	98% Tech	50%WP
M	Mancozeb	90% Tech	80%WP
M	Mancozeb48%+Metalaxyl10%	90% Tech, 98% Tech	58%WP
M	Mancozeb64%+Metalaxyl8%	90% Tech, 98% Tech	72%WP
M	Metalaxyl	90% Tech	25%WP,35%WP,50%WP
P	Propiconazole	95% Tech	25%EC
S	Sulfur	99.5% Tech	45%WP,80%WDG
T	Tebuconazole	97% Tech	6%FS,25%EC,25%EW,80%WP
T	Tricyclazole	95% Tech	20%WP,75%WP
T	Thiophanate-methyl	95% Tech	5%WP,500g/LSC,70%WP

## FERTILIZERS

Index	Commodity
A	Amino acid
H	Humic acid
P	Potassium humate



250 ML



250 ML



500 ML



500 ML



1 L



1 L



1 L



1 L



5 L



5 L



5 L



5 L



5 L



5 L



10 L



10 L



10 L



20 L



20 L



20 L



200 L



25 KG

- PE/PA (Co-extrusion Bottle)
- PE (High-density polyethylene Bottle or bag)
- PP (Poly-propylene Bottle or bag)
- PET (Polyethylen terephthalate Bottle)
- Fibre/cardboard drum



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