



AGRICULTURAL CHEMICALS

PRODUCT LIST
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4Farmers Pty Ltd

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4Farmers products are available from your local agent.

To obtain the contact details, please call 4Farmers Head Office

4FARMERS HERBICIDES

- 2,4-D Amine 625** **625 g/L 2,4-D as dimethyl & diethanolamines**
Concentrated 2,4-D. Used for the control of broadleaf weeds in pastures and cereal crops. Used alone or in a synergistic mix with diuron. Will damage developing ears and/or pollen if used at wrong crop timing. Read labels carefully.
- 2,4-D Ester 800** **800 g/L 2,4-D as ethyl/butyl esters**
Cheap & effective control of a wide range of broadleaf weeds. Very effective as a "Spike" with Glyphosate to improve the control of some broadleaf weeds. Grazing following application improves weed control. Volatile, vapour may leave target and damage nearby crops – canola, vines etc.
- 2,4-D Ester 600 LV** **600 g/L 2,4-D as ethylhexyl ester**
More expensive form of ester. Much less volatile, safer near sensitive crops.
- Atrazine 900 WG** **900 g/kg atrazine**
For the control of most weeds in lupins and TT canola. Used pre-emergent in lupins and either pre- or post- in canola. Spraying oil must be used to enhance leaf uptake for post-emergent use.. very similar to simazine, but greater solubility means it works in drier soils. Widely used in corn in Europe and America.
- Bromoxynil 200** **200 g/L bromoxynil as the n-octanoate**
For the control of seedling broadleaf weeds in cereal crops. Very safe to the crop, but must be used early. The weeds should have no more than 2 true leaves. Also useful in legume pastures.
- Brown Out 250** **115 g/L diquat plus 135 g/L paraquat**
For control of seedling weeds prior to sowing crops. Must be used early. The weeds should have no more than 2 true leaves or they will regrow from root reserves. Works on stressed plants (cf Glyphosate). **Extremely toxic – take all safety precautions.**
- Chlorsulfuron 750 WDG** **750 g/kg chlorsulfuron**
Controls a wide range of weeds in pre emergent wheat and post emergent wheat, oats, barley, triticale and cereal rye. Resistant weeds have reduced its usefulness. For best long-term results it should be used in an herbicide resistance management program.
- Clethodim 240 EC** **240 g/L clethodim**
Grass selective herbicide. Particularly effective on ryegrass, even ryegrass that is resistant to other grass selectives. BUT resistance will occur. It should be used carefully and wisely.
- Clodinafop 240 EC** **240 g/L clodinafop-propargyl + 60 g/L cloquintocet-mexyl**
Gives excellent control of wild oats in wheat. Clodinafop kills the oats, while cloquintocet increases crop safety.
- Clopyralid 300** **300 g/L clopyralid as tri-isopropyl amine**
Particularly effective on weeds from the Asteraceae family such as capeweed and thistles. Widely used in canola, less so in cereals. Very good for controlling capeweed transplants.
- Cyanazine 900 WDG** **900 g/kg cyanazine**
Triazine herbicide used principally in field peas and lentils. Same mode of action as its cousin simazine but a lot safer on those crops. Unfortunately needs good soil moisture (as does simazine). Not quite as effective on weeds as simazine.
- Diclofop-Methyl 375** **375 g/L diclofop-methyl**
For the control of annual ryegrass and wild oats in cereals- not oats, and in many broadleaf crops. Resistance to this herbicide is widespread so check the status of each population before use.
- Diflufenican 500** **500 g/L diflufenican**
For the control of certain weeds especially radish in Clover Pasture, Field Peas, Lentils, and Lupins. Tank mix with Metribuzin is extremely useful in lupins. Some radish has developed resistance.
- Diuron 900 DF** **900 g/kg diuron**
Controls weeds in cereals and pulses. In cereals, mixes with 2,4-D or MCPA are synergistic on broadleaves. Metolachlor mixes widely used for ryegrass. Label now reflects current practice, QA compliant.
- Glyphosate 470** **470 g/L glyphosate as the isopropyl amine**
Our Chinese formulation - bluish-green, with a sweetish smell. Glyphosate is the most widely used herbicide in the world. Controls most plants, although some are inherently more tolerant and require higher rates or "spikes" of other products. Widely used for controlling all weeds before sowing annual crops, and for bare earth on firebreaks, around buildings, in orchards and vineyards etc. Performance declines markedly if plants are water stressed.
- Glyphosate 450** **450 g/L glyphosate as the isopropyl amine**
Our Australian formulated product.
- Glyphosate 360** **360 g/L glyphosate as the isopropyl amine**
Small pack size for the home garden trade.
- Haloxyfop 520** **520 g/L haloxyfop-r-methyl**
Grass specific 'FOP' herbicide. Controls most grasses in broadleaved crops and pastures. Will not control 'FOP' resistant grasses, or silver grass. Its main strength is that it also controls small Erodium (corkscrews).
- MCPA 500** **500 g/L MCPA as the dimethyl amine**
Phenoxy herbicide as is 2,4-D. Also used alone or with diuron in cereal crops. Safer on crop than 2,4-D, but still observe recommended crop stage timings carefully.

Metolachlor 720.	720 g/L metolachlor
For the pre-emergent control of some grass and broadleaf weeds in a wide range of crops including canola, pastures and cereals. Often used with diuron.	
Metribuzin 750 WP	750 g/kg metribuzin
For selective control of radish, capeweed etc in certain wheats, barley and legumes. Often used in conjunction with diflufenican in lupins, and with trifluralin in barley. WP in soluble bags.	
Metsulfuron-methyl 600	600 g/kg metsulfuron
Controls of a wide range of weeds including doublegee in some cereals (not oats). Often used as a spike for glyphosate. Also controls bracken and blackberry. WP in soluble bags.	
Oryzalin 500 SC	500 g/L oryzalin
Pre-emergent herbicide for control of a range of grass and broadleaf weeds in orchards, vineyards, and ornamentals.	
Oxyfluorfen 240 EC	240 g/L oxyfluorfen
Pre-emergent control of a range of weeds in orchards (at high rates). As a glyphosate spike (75 ml/ha) to speed "brown out" and improve control of difficult weeds such as mallows.	
Paraquat 250	250 g/L paraquat as the dichloride
Primarily for seed set control of annual grasses in pastures and pulse crops. Can also be used for control of small weeds just prior to crop emergence. Extremely toxic, use with every care.	
Propyzamide 500	500 g/kg propyzamide
For selective control of certain grasses and broad leaf weeds in Lettuce, Sports turf, Home lawns and Legume seed crops and pastures	
QPE (Quizalofop-p-ethyl) and QPE 200	99 g/L or 200 g/L quizalofop-p-ethyl
Grass specific 'FOP' herbicide. For the removal of most grasses from broadleaved crops such as lupins, canola, peas etc. Will not control 'FOP' resistant grasses. Price has made it attractive for use in pastures.	
Simazine 900 WG	250 g/L paraquat as the dichloride
For the control of most weeds in lupins, chickpeas, faba beans and TT canola. Used pre-emergent to the weeds. Also used for silver grass in pasture, weeds in orchards and vineyards, and for bare earth on firebreaks and around buildings.	
Sulfometuron 750 WP	750 g/kg sulfometuron
A total vegetation control herbicide used for the control of certain annual and perennial weeds in Industrial and around buildings and roadsides. Also used in Forestry where permits have been issued.	
Tralkoxydim 400 WDG	400 g/kg tralkoxydim
Controls wild oats and ryegrass in wheat, barley, rye and triticale. A "dim" it can be mixed with diclofop for increased activity via synergism. Herbicide resistance has occurred, check before use.	
Tri-Allate 400	400 g/L tri-allate
Best pre-emergent chemical for Wild Oat control and suppression of Ryegrass. Tank mixing with 4Farmers Trifluralin recommended. Compatible with knockdowns.	
Triasulfuron WG	720 g/kg triasulfuron
For the control of annual ryegrass, paradoxa grass and a wide range of broadleaved weeds in wheat and the post emergence control of wild radish in wheat, oats and barley. Used alone or in tank mix with other herbicides. Herbicide resistance is a major problem for some weeds, check before use.	
Triclopyr 600	600 g/L triclopyr as butoxyethyl ester
For the control of woody plants and melons. The major herbicide used for the control of woody weeds. May be applied by a wide range of methods as specified on the label.	
Trifluralin 480	480 g/L trifluralin
For the control of ryegrass and some broadleaved weeds in wheat, and barley, and grass control and an extensive spectrum of weeds in a wide range of crops.	
Tri-Pick	300 g/L triclopyr & 100 g/L picloram
For the control of environmental, woody and herbaceous weeds in a wide range of situations.	
Two Up 250	125 g/L oryzalin & 125 g/L trifluralin
Pre-emergent control of ryegrass, phalaris and wireweed in wheat, barley and canola.	

4FARMERS INSECTICIDES

Bifenthrin 100	100 g/L bifenthrin
Very effective on mites. Controls RLEM, Bryobia and blue oat mites as well as webworm, loopers and vegetable weevil in cereals, pulses, canola and pastures. Has a 28 day grazing WHP when used in pasture.	
Chlorpyrifos 500	500 g/L chlorpyrifos
Controls: Webworm, cutworm, locusts, blue oat mite, red-legged earth mite, lucerne flea, aphids, argentine ants. Compatible with Diesel.	
alpha-Cypermethrin 100	100 g/L alpha cypermethrin
The most active form of Cypermetherin. Controls webworm, cutworm, budworm, armyworm, redlegged earth mite, pea weevil, aphids. Also as an anti-feedant for aphids to stop virus transmission.	

Cypermethrin 260 EC **200 g/L & 260 g/L cypermethrin**

Check products before use so that the rates used match the product to be used.

Controls webworm, cutworm, budworm, armyworm, redlegged earth mite, pea weevil, locusts & aphids.

Dimethoate 400 **400 g/L dimethoate**

For control of a wide range of pests on cereals, pastures, pulses and oilseeds, and fruit, vegetables ornamentals etc. Is partially systemic so controls many sucking insects. Good for RLEM and Lucerne Flea.

Pirimicarb 500 **500 g/kg primicarb**

Aphids only in most Crops, Pastures and Vegetables, and is less harmful to predators and to foraging bees during flowering of Canola, Lupins etc. Higher cost, but very effective, especially in warm conditions.

4FARMERS FUNGICIDES

Carbendazim 500 WP **500 g/kg carbendazim**

Controls Chocolate spot in Faba beans, Grey mould in Lentils and other diseases in pulse crops; other diseases in fruit. Use in pulses has been under a Pulse Australia permit.

Chlorothalonil 720 **720 g/L chlorothalonil**

Controls chocolate spot and rust in faba beans, downy mildew in peas, as well as a range of diseases of stone fruit and vegetables.

Flutriafol 250 EC **250 g/L propiconazole**

Used on fertiliser to control canola blackleg, barley scald and mildew, and wheat rust and septoria. Also used as a foliar spray for barley mildew, and wheat rust and septoria.

Propiconazole 250 EC **250 g/L propiconazole**

For the control of net blotch, powdery mildew and scald in barley; rust and septoria in oats, and yellow spot, rust, mildew and septoria in wheat. Also controls a range of diseases in other crops, especially fruit.

Tebuconazole 430 SC **430 g/L tebuconazole**

For the control of foliar diseases on cereal crops; and other diseases on beans, bananas, peanuts, peas, onions, papaw, pyrethrum, and ryegrass and fescue seed crops.

Triadimefon 125 EC **125 g/L triadimefon**

Most cost effective control of powdery mildew, Septoria tritici and rusts in wheat, and powdery mildew and scald in barley. Also controls mildew in a range of other crops. The only triadimefon EC registered for fertiliser application.

Triadimefon 500 WP **500 g/kg triadimefon**

Controls diseases in wheat and barley as per 125 EC. Can be slurried and sprayed on fertiliser for control of rusts and take-all in wheat and powdery mildew in barley.

Triadimefon 500 DRY **500 g/kg triadimefon**

Special lower dust formulation for use dry on fertiliser. Rusts and take-all in wheat and powdery mildew in barley.

Triadimenol 250 EC Fungicide **250 g/L triadimenol**

For the control of Ring Spot in Cabbage, Cauliflower & Broccoli; Powdery Mildew in Cucurbits, Grapevines & Papaws and Pineapple Disease in Sugar Cane.

4FARMERS SEED DRESSINGS

Triadimenol 150 C Flowable Seed Treatment **150 g/L Triadimenol & 4 g/L Cypermethrin**

Dyed blue, liquid seed dressing. Includes cypermethrin for insect control during storage and germination. Controls smuts and bunts, and (at higher rates) gives early protection against leaf disease (especially mildew).

Triadimenol 150 + Seed Dressing **150 g/kg Triadimenol & 4 g/kg Cypermethrin**

Seed dressing in powder form. It can be applied as a liquid or powder.

Tebuconazole 25 Seed Dressing **25 g/kg Tebuconazole & 4 g/kg Triflumuron**

Flowable seed dressing in 10L bottles. Includes triflumuron for insect control. Controls smuts and bunts, but gives no early protection against leaf disease. Cheaper than Triadimenol seed dressings.

4FARMERS ANIMAL HEALTH PRODUCTS

Abamectin Oral Drench **0.8 g/L abamectin**

Controls abamectin sensitive strains of gastrointestinal roundworms and lungworm in sheep and lambs.

Closantel Oral Anthelmintic and Flukicide **37.5 g/L closantel**

For sustained control of Barbers Pole Worm and control of Liver Fluke and Nasal Bots in sheep and lambs

Cyromazine **500 g/L cyromazine**

For the prevention of flystrike in long wool sheep. Can be applied by jetting or dipping. Gives residual control for up to 14 weeks.

Fenbendazole Oral Anthelmintic **25 g/L fenbendazole**

For control of a range of worms in sheep, goats and cattle.

Levamisole Oral Anthelmintic **32 g/L levamisole**

For control of a range of worms in sheep and cattle.

Combination Oral Anthelmintic for Sheep and Lambs 25 g/L fenbendazole & 40 g/L levamisole

Contains both the above actives. Useful in cases of single resistance to either active.

Cypermethrin 25 Off-Shears, Pour-On Sheep Lice Control

25 g/L cypermethrin

For the control of body lice on off-shears sheep.

Triflumuron 25 Pour-On Lousicide For Sheep

25 g/L triflumuron

Insect Growth Regulator - prevents immature lice present in the fleece developing into adults.

4FARMERS OTHER PRODUCTS

- Ammonium Sulphate** **99.5% (NH₄)₂SO₄, in 25 kg bags**
High purity crystals for quick and complete solubility. Enhances performance of glyphosate where applied under hot and stressed conditions.
- Boom Cleaner Dry** **300 g/kg NaOH, (90 g/kg avail. chlorine), 250 g/kg sodium tripolyphosphate**
Sodium hydroxide/hypochlorite solution for decontamination of boom sprayers, especially after SU use.
- Foam Marker**
In Pink, White Or Blue. Made in Western Australia. For best results use rainwater and dedicated measuring jug. Do not contaminate with wetter. Don't use Pink near harvest. Coloured grain looks pickled.
- Oil Ester** **700 g/L canola oil ester**
Esterified canola oil, similar to Hasten® or Quicken®. For use where a vegetable based crop oil is required.
- Turbo Oil** **426 g/L Petroleum oil plus surfactants**
Spray oil designed to be mixed with Tralkoxydim and granular formulations of other grass selectives.
- Speedy Spray Adjuvant** **700 g/L vegetable oil ester**
Esterified vegetable oil, similar to Oil Ester.
- Surfactant 700** **350 g/L Soyal phospholipids + 353 g/L Propionic acid**
Spray adjuvant that acidifies spray water, reduces numbers of fine droplets, and improves penetration into leaves. Especially useful for alkaline sensitive compounds (Chlorpyrifos, the Cypermethrins, Dimethoate, Diflufenican etc), Glyphosate, and phenoxy amines.
- Wetter 1000** **1000 g/L alcohol alkoxyolate**
A non-ionic Alcohol Alkoxylates based surfactant equivalent to other similar formulations.
- AntiEvap spray oil (from SACOA)** **859 g/L petroleum oil**
Budget spraying oil for summer weeds. May cause phytotoxicity if used in-crop.
- CropShield spray oil (from SACOA)** **838 g/L petroleum oil**
Premium spraying oil for in-crop weeds. Highly refined to avoid phytotoxicity in-crop.
- Enhance spray oil (from SACOA)** **598 g/L Petroleum oil plus 210 g/L surfactants.**
Premium crop oil concentrate for use with Clethodim, Tralkoxydim etc.
- PlantoCrop spray adjuvant (from SACOA)** **704 g/L canola oil ester**
Similar to our Oil Ester.