

WARNING:

KEEP OUT OF REACH OF CHILDREN.
PLEASE READ LABEL COMPLETELY BEFORE USE.



INSTINCT®

 FUNGICIDE

grochem®

A systemic fungicide for the control of powdery mildew
in grapes, barley and wheat.

SPECIMEN

Active Ingredient: Contains 500g/litre spiroxamine in the form
of emulsifiable concentrate. Also contains up to 8% calcium
dodecylbenzenesulfonate (corrosive to the eye).

Registered pursuant to the ACVM Act 1997, No. P010093.
See www.foodsafety.govt.nz for registration conditions.

Batch No:

Approved Pursuant to the HSNO Act 1996, No.
HSR007652. See www.epa.govt.nz for approval controls.

D.O.M:

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PROPER SHIPPING NAME:
Environmentally Hazardous Substance,
Liquid, NOS (Spiroxamine). UN No. 3082



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INSTINCT®**grochem®**

Harmful if swallowed, inhaled or in contact with skin. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. Causes damage to organs from prolonged or repeated exposure. Harmful to terrestrial vertebrates.

Very toxic to aquatic life with long-lasting effects. Do not apply onto or into water. Avoid contamination of any water supply with product or empty container.

FIRST AID: If medical advice is needed, have product container or label at hand.

IF SWALLOWED: Rinse mouth. Immediately call a POISON CENTRE/doctor.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs get medical advice/attention. Wash contaminated clothing before reuse.

IF IN EYES: Open and rinse cautiously with water for several minutes. Continue rinsing. Immediately call a POISON CENTRE/doctor.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

HANDLING: Keep out of reach of children. Read carefully and follow all instructions. Do not breathe dust, fume, gas, mist, vapours or spray. Wash hands, face and all exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing including eye/face protection.

RECORD KEEPING: Records of use must be kept under certain circumstances - see The New Zealand Standard for the Management of Agrichemicals (NZS8409).

EQUIPMENT: Apply using accurately calibrated and maintained equipment in accordance with The New Zealand Standard for the Management of Agrichemicals (NZS8409).

STORAGE: Store in original container tightly closed and in a locked, dry, cool, well ventilated area, away from feed, seeds and foodstuffs. Storage must be in accordance with the current version of NZS 8409 Management of Agrichemicals.

As a Class 9 Substance with Ecotoxicity Classifications, storage of Instinct must be carried out in such a manner as to prevent contamination of waterways. It is recommended that the NZS 8409 Management of Agrichemicals Standard is followed.

24-hour Emergency Telephone Number

– for advice contact the National Poisons Centre
– 0800 POISON (0800 764 766) – or a doctor, immediately.

For specialist advice in an emergency only,
call **0800 CHEMCALL (24hrs) or 0800 243 8225**
In a transport emergency dial 111

DIRECTIONS FOR USE

It is an offence to use this product on animals.

GENERAL INSTRUCTIONS:

Apply using ground-based methods only.

DO NOT apply into or onto water.

A strategy to minimise spray drift should be employed at all times when applying near aquatic environments.

Compatibility: Instinct is compatible with most insecticides and fungicides. Do not use with fluzinam and alkaline mixtures such as Bordeaux mixture and lime sulphur.

Group 5 Fungicide

Resistance management strategy: Instinct is a protectant fungicide containing the GROUP 5 fungicide Spiroxamine. Resistance to this fungicide could develop in some disease situations from repeated use. To minimise this risk, use strictly in accordance with the label instructions. In grapes do not apply more than two applications per season. In cereals do not apply more than two applications per season.

When stored appropriately, this product should show no significant degradation for 2 years from the date of manufacture (D.O.M.). Contact your supplier for further information about the use of any product that is older than this.

SPILLAGE: Wear protective clothing and prevent material entering waterways. Absorb spill with inert material and place in waste containers. Wash area with water and absorb with further inert material. Dispose of waste safely in an approved landfill.

TRANSPORT: Do not carry greater than 3kg on a passenger service vehicle.

DISPOSAL: Dispose of this product only by using according to the label, or at an approved landfill, or another approved facility. Avoid contamination of any water supply with product or empty container.

Container Disposal – ensure container is completely empty. Triple rinse container and add rinsings to spray tank. Recycle empty container at AgRecovery depot or drop-off location. Otherwise bury in a suitable landfill.

SAFETY DATA SHEET: A Safety Data Sheet (SDS) is available from ADAMA New Zealand Ltd on request.

REGISTERED TO: ADAMA New Zealand Ltd.

DISTRIBUTED BY: Grochem, a brand of ADAMA New Zealand Limited
Level 1, 99 Boff Road, Tahurangi, Nelson 7011.
PO Box 1799, Nelson 7040, New Zealand.

Telephone 0800 447 624 Email: grochem@grochem.com
www.grochem.com

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The EPA have applied maximum application rates for Spiroxamine:

- For grapes the maximum application rate is 600 mL product/ha (equivalent to 300 g ai/ha) with a maximum of two treatments per season and a minimum 10 day interval
 - For cereals the maximum application rate is 1.2L/ha (equivalent to 600 g ai/ha) with a maximum of two treatments per season and a minimum 28 day interval
- The rates provided are for high volume spraying to thoroughly wet the crop to the point of run-off.

For concentrate spraying adjust the dilution rates accordingly.

CROP	DISEASE	RATE	REMARKS
Grapes	Powdery Mildew	60ml/ 100 litres	Make no more than 2 applications per season. Under low to moderate disease pressure make the first application in the period from pre-flowering up to the end of capfall. Under high pressure make the first application at pre-flower. Ensure a minimum application interval of 28 days. Monitor the crop to determine if a second application of Instinct is necessary. Apply as part of a robust season long program. Do not apply Instinct after pre-bunch closure.
Barley, Wheat	Powdery Mildew	1.2 litres/ha	Apply on first appearance of disease. If infection reoccurs a follow up application may be required, no later than GS59.

Leaf plucking in vineyards: Sheep must not be sent for slaughter or milked for 6 months after being removed from the vineyard (and placed on clean feed)

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residues Levels for Agricultural Chemicals.

WITHHOLDING PERIOD:

Barley, wheat (grain)	56 days
Barley, wheat (forage)	42 days
Grapes	56 days

CONDITIONS OF SALE: Grochem®, a brand of ADAMA New Zealand Limited (Grochem) will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than the responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by the Statutes applicable to the sale and

supply of these goods. To the extent allowed by such Statutes the liability of Grochem is limited to the replacement of the goods or (at the option of Grochem) the refund of the price paid and is conditional upon a claim being made in writing and where possible sufficient part of the goods to enable proper examination being returned to Grochem within thirty days of delivery.