

POISON
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

GENERO 600

Flowable Seed Dressing Insecticide

ACTIVE CONSTITUENT: 600 g/L IMIDACLOPRID

GROUP 4A INSECTICIDE

For control of thrips, aphids, brown flea beetle and wireworms on cotton; protection of canola, pastures and lupins from damage by redlegged earth mite and blue oat mite; control of aphids and prevention of spread of barley yellow dwarf virus in cereal crops; control of some soil pests of summer crops

IMPORTANT: READ THIS LEAFLET BEFORE USE

SHAKE WELL BEFORE USE

eChem (Australia) Pty. Limited
 ABN 23 089 133 095

13833 New England Highway, CAMBOOYA, QLD, 4358
 Tel: 07 4696 1054
 Fax: 07 4696 1057

APVMA APPROVAL NO: 62019/0507

GENERAL INSTRUCTIONS

INSECTICIDE RESISTANCE WARNING

GROUP 4A INSECTICIDE

For insecticide resistance management, Genero 600 is a Group 4A insecticide. Some naturally occurring insect biotypes resistant to Genero 600 and other Group 4A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Genero 600 and other Group 4A insecticides are used repeatedly. The effectiveness of Genero 600 on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, eChem (Australia) Ltd accepts no liability for any losses that may result from the failure of Genero 600 to control resistant insects. Genero 600 may be subject to specific resistance management strategies. For further information contact your local supplier, eChem representative or local agricultural department agronomist.

MIXING AND SEED TREATMENT

Cotton

Prior to pouring or pumping Genero 600 from the container, either shake container vigorously or operate pump by-pass to ensure thorough mixing of the contents. Flowable formulations will settle over time. Add most of the water into the mixing vat followed by flowable fungicides (eg quintozene), coating agents (eg Peridiam, Nacret) and Genero 600 and stir until homogeneous. Then add the emulsifiable liquid fungicide (eg Apron 200 SL) slowly whilst stirring. Calibrate commercial

seed dressing equipment to ensure the seed throughput is mixed with the correct dose of slurry seed dressing. Ensure the seed dressing mixture is applied to the maximum number of seeds when initially applied to the seed. Retain seed in mixing chamber until coverage on seed is good. Store treated seed under cover in cool, dry conditions. Do not treat seed with poor viability. Do not store treated seed near foodstuffs or where likely to prove hazardous to humans or animals.

Forage and seed pasture, canola, lupin, summer crops

Prior to pouring, shake container vigorously, then add the required quantity of Genero 600 to sufficient water to give even coverage of the seed to be treated. Place seed in mixing equipment and rotate. Mix Genero 600 with sufficient water to give even coverage of seed and spray onto seed. For small seeds, apply a total volume of Genero 600 plus water of 1.5 L/100 kg seed. For large seeds, apply a total volume of Genero 600 plus water of 500 mL/100 kg seed. Continue rotation until all liquid is distributed on seed. Store treated seed under cover in cool, dry conditions. Do not treat seed with poor viability. Do not store treated seed near foodstuffs or where likely to prove hazardous to humans or animals. Do not carry over maize, sorghum, sunflower or sweet corn seed from one season to the next season. The insecticidal activity off Genero on the seed is maintained for a minimum of two seasons.

Flow rate: Genero 600 treated seed may slow flow rate of seed. Check flow rate of seed through sowing machinery before sowing to ensure the desired seeding rate is achieved.

Cereal crops

Prior to pouring, shake container vigorously, then add the required quantity of Genero 600 to sufficient water to give even

Scale	70.7% when printed on A3
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coverage of the cereal seed to be treated. The quantity of water used for mixing will vary depending on type of equipment and quality of seed. Use a minimum of 400 mL of mixture (ie Genero 600 plus water) with each 100 kg of seed. Do not use more than 600 mL of mixture (product + water) with each 100 kg of seed. Whatever dilution is used it is essential that 120 mL (or 240 mL) of Genero 600 is applied/100 kg seed. The mixture should be gently stirred regularly.

SEED QUALITY

Genero 600 seed treatment should not be used on seed with more than 12% moisture content, or on sprung, sprouted, damaged or severely pinched seed, or seed of poor viability. If in doubt, have a germination test carried out on the seed before treatment to ensure that it is of acceptable standard. Treating with Genero 600 as directed may raise the moisture level of the seed by up to 0.6%, depending on conditions at treatment. The use of Genero 600 mixed with water at recommended rates will have no effect on the storage life of treated sound seed.

STORAGE OF TREATED SEED

Do not store treated seed near foodstuffs or where likely to prove hazardous to humans or animals. If the seed is not used immediately after treatment it should be stored in a dry, well ventilated place. Although Genero 600 has no effect on the viability of treated seed, subsequent germination can be adversely affected by poor storage conditions such as high moisture combined with high temperatures. No liability can therefore be accepted for the performance of stored treated seed.

DIRECTIONS FOR USE

Crop	Pest	Rate	Critical Comments
Cotton	Thrips	875 mL or 1.17 L/100 kg of seed	Thrips damage is dependent upon the number of thrips infesting cotton seedlings and the growth rate of the plants. Choose the higher rate if high thrips pressure is expected (eg winter cereals and weeds supporting thrips) and/or cotton seedlings are expected to experience slow growth (eg cool weather from early planting or sown in shorter season districts). The lower rate is considered a general rate for normal conditions.
	Aphids		When applied for thrips control, these rates will also control early season aphids.
	Brown flea beetle		When applied for thrips control, these rates will also reduce damage to cotyledons caused by brown flea beetle.
	Wireworms		Use the higher rate for increased length of control.
Maize, Sorghum, Sunflower, Sweet corn	Sugarcane wireworm (<i>Agrypnus variabilis</i>), eastern false wireworm (<i>Pterohelaeus darlingensis</i>) striate false wireworm (<i>Pterohelaeus alternatus</i>), southern false wireworm (<i>Gonocephalum macleayi</i>), black field earwig (<i>Nala lividipes</i>), wingless cockroach (<i>Cosmozosteria spp.</i> , <i>Calolampra elegans</i> , <i>C. solida</i>), field cricket (<i>Teleogryllus commodus</i>), black sunflower scarab (<i>Pseudoheteronyx basicollis</i>).	Maize: 1.4 mL/1000 seeds.	Apply only to high quality seed. Ensure thorough coverage of seed.
		Sorghum, sunflower & sweet corn: 430 mL/100 kg of seed	See General Instructions for how to treat seed.
Canola	Aphids	400 mL/100 kg of seed	Genero 600 will protect canola seedlings from early season aphid damage.

Crop	Pest	Rate	Critical Comments
Canola	Redlegged earth mite, Blue oat mite	400 mL/100 kg of seed	Genero 600 will protect emerging seedlings for 3-4 weeks after sowing. Crops must be monitored in the first 4 weeks of emergence to ensure Genero 600 performance and determine the need for supplementary control measures. Use Genero 600 treatment as part of an integrated mite management program that might include: For autumn sowing: After a pasture phase sow Genero 600 treated seed following a well timed spring spray (prior to the development of diapause eggs) of sprays containing omethoate insecticide. After a cropping phase a spring spray is not usually required, however if monitoring in spring finds moderate mite populations, a spring spray should be applied. For spring sowing: After a pasture phase monitor for mite activity and if necessary apply a spray of omethoate insecticide prior to sowing Genero 600 treated seed.
		400 mL/100 kg of seed	
	Forage and seed pasture, eg: grasses such as ryegrass, fescue and phalaris; clovers such as subterranean, white, red and strawberry; medics; lucerne.		
Forage brassicas (kale, turnips, rape and swedes).		400 mL/100 kg of seed	
Lupins		300 mL/100 kg of seed	Genero 600 does not affect the viability of Rhizobia when Genero 600 is mixed with inoculant and seed is sown immediately into a moist soil.
Cereals	Feeding damage caused by wheat aphid and corn aphid	120 or 240 mL/100 kg of seed	Use higher rate for increased length of control and in areas of high risk. In high risk areas with over 500 mm rain or moderate risk areas with over 400 mm rain in seasons following summer rains, a synthetic pyrethroid top-up spray should be applied 7 to 8 weeks after sowing.
	Spread of barley yellow dwarf virus		

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION

WITHHOLDING PERIODS:

Harvest:

Cotton and food producing crops: NOT REQUIRED WHEN USED AS DIRECTED.

Grazing:

Maize, sorghum or sweet corn plants grown from treated seed:

DO NOT GRAZE PLANTS GROWN FROM TREATED SEED, OR CUT FOR STOCK FOOD, WITHIN FOUR WEEKS OF SOWING.

Pasture, canola, forage brassica or lupin plants grown from treated seed:

DO NOT GRAZE PLANTS GROWN FROM TREATED SEED, OR CUT FOR STOCK FOOD, WITHIN SIX WEEKS OF SOWING.

Cereal grown from treated seed:

DO NOT GRAZE PLANTS GROWN FROM TREATED SEED, OR CUT FOR STOCK FOOD, WITHIN NINE WEEKS OF SOWING.

(Continued overleaf)

COMPATIBILITY

Genero 600 Flowable Seed Dressing Insecticide is compatible with Baytan® C Flowable Seed Dressing and Raxil® C Flowable Seed Dressing for use on cereal seeds. Do not use more than 600 mL of total mixture/100 kg seed (ie Genero 600 plus Baytan or Raxil plus water). Genero 600 Flowable Seed Dressing Insecticide may be applied with Jockey® Systemic Seed Fungicide or with Semevin® P Seed Dressing Insecticide.

PROTECTION OF LIVESTOCK

Seed treated with this product must not be used for animal consumption or poultry feed or mixed with animal feed. Do NOT allow seed treated with this product to contaminate seed intended for animal consumption.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Do NOT contaminate ponds, waterways and drains with this product, used containers or bags which have held treated seed. Do NOT feed treated seed or otherwise expose to wild or domestic birds. Any spillages of treated seed, however minor, must be cleaned up immediately, preferably by recovery and re-use. If disposal is required, ensure treated seeds are thoroughly buried and not accessible to birds and other wildlife.

PRECAUTIONS

When treated seed is stored it should be kept apart from other grain and the bags or other containers should be clearly marked to indicate the contents have been treated with this product. Do NOT allow seed treated with this product to contaminate seed intended for human consumption. Do NOT use treated seed for

human consumption. Bags which have held treated seed are not to be used for any other purpose.

STORAGE AND DISPOSAL

Store product in the closed, original container in a cool, well ventilated area. Do not store for prolonged periods in direct sunlight. Rinse container before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. Dispose of at a local authority landfill. If no landfill is available, bury the container below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

SAFETY DIRECTIONS

Harmful if swallowed. Will irritate the eyes and skin. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. When opening the container and using the product, wear elbow-length PVC gloves. Wash hands after use. After each day's use, wash gloves.

FIRST AID

If poisoning occurs contact a doctor or Poisons Information Centre. Phone Australia 131126.

Material Safety Data Sheet

Additional information is listed in the Material Safety Data Sheet.

CONDITIONS OF SALE

cChem (Australia) Pty Ltd. Accepts responsibility for the consistent quality of the product however since the use and application of the product is beyond control, the company

accepts no responsibility whatsoever for any loss, damage or other result following the use of the product whether used in accordance with directions or not; other than those mandatorily imposed by statutes, the liability is limited to the replacement of the goods and is conditional upon a claim made in writing and, where necessary, a sufficient part of the goods being returned for proper examination by the company within thirty days of sale.

BN:

DOM:

APVMA Approval No. 62019/0507