


SEEDOPRID® 600 FS

Reg. no. L10042 Act/Wet no. 36 of/van 1947

GROUP	4A	INSECTICIDE
--------------	-----------	--------------------

A flowable concentrate insecticidal seed dressing with systemic action for the control of Russian aphids on barley and wheat.	'n Vloeibare konsentraat insekdodende saadbehandelingsmiddel met sistemiese werking vir die beheer van Russiese koringluis op gars en koring.
---	---

 WARNING	Hazard statements Harmful if swallowed. Very toxic to aquatic life with long lasting effects.
	Precautionary statements Do not eat, drink or smoke when using this product. Avoid release to the environment.

ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL

Imidacloprid (neonicotinoid) 600 g/L Imidakloprid (neonikotinoied)

NET VOLUME/NETTO VOLUME

..... L

REGISTRATION HOLDER/REGISTRASIEHOUER
 ADAMA South Africa (Pty) Ltd;
 Reg. no. 1992/001741/07
 Ground Floor, Simeka House
 The Vineyard Office Estate, 99 Jip de Jager Drive
 Bellville, 7530
 T: +27 21 982 1460
 infocpt@adama.com

IN CASE OF POISONING, CALL THE FOLLOWING NUMBERS:
 Griffon Poison Information Centre:
 +27 82 446 8946 or
 Tygerberg Poison Information Centre:
 +27 861 555 777
EMERGENCY NUMBER:
 SPILL TECH: +27 86 100 6366 or +27 83 253 6618

UN no.: 3082

Batch number
 Date of manufacture
 Expiry date

Lotnommer
 Datum van vervaardiging
 Vervaldatum



GHS information



WARNINGS

- Harmful if swallowed.
- Very toxic to aquatic life with long lasting effects.

The following number of days should elapse between application and harvest or feeding:

Barley	84 days
Wheat	100 days

Note: When **SEEDOPRID® 600 FS** is used in accordance with the label recommendations, the local maximum residue levels (MRLs) will not be exceeded. However, ADAMA South Africa (Pty.) Ltd. cannot be held responsible if the MRLs (import tolerances) of other countries are exceeded. Please consult the relevant local exporting bodies in this regard.

- Handle with care.
- Wear gloves when preparing the seed treatment mixture.
- Toxic to wildlife.
- Store in a cool place away from food and feedstuffs.
- In case of poisoning call a doctor and make this label available to him/her.
- Treated seed may be poisonous to seed-eating birds. Therefore, after planting seed should be covered completely with soil to prevent birds from feeding on the seed.
- Treated seed should only be used for planting and never for human consumption or as animal feed.
- To prevent the dispersion of dust from treated seeds a polymer sticker should be added.
- The planter should be calibrated prior to planting with treated seed and checked at regular intervals.
- Only high-quality certified seed should be treated. Never treat seed of inbred hybrid plants, experimental hybrids, or newly released hybrids without first referring to the manufacturer or seed supplier.
- The emergence of seedlings and the efficacy of the product may be severely affected by a planting depth of more than 50 mm.
- Sufficient soil moisture is necessary during germination for the uptake of the active ingredient.

Although this remedy has been tested extensively under a large variety of conditions, the registration holder does not warrant that it will be effective under all conditions. The action and effect thereof may be affected by factors such as abnormal soil, climatic and storage conditions, quality of the dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the disease against the remedy concerned, as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions

which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

PRECAUTIONS

- | |
|---|
| <ul style="list-style-type: none"> • Keep out of reach of children. • Read label before use. • If medical advice is needed, have product container or label at hand. • Wash face, hands and any exposed skin thoroughly after handling. • Do not eat, drink or smoke when using this product. • IF SWALLOWED: Get medical help. Rinse mouth. • Avoid release to the environment. • Collect spillage. • Dispose of contents/ container to an approved waste disposal plant. |
|---|
- Do not inhale fumes.
 - Wash contaminated clothing daily.
 - Destroy empty container by perforation and flattening and never use for any other purpose.
 - Handle treated seed with care. Clearly mark the bags containing treated seed as 'POISONOUS' and never use this bag for any other purpose.
 - Prevent the contamination of food, feedstuffs, drinking water and eating utensils.

RELEVANT SUBSTANCES

Chemical name	w/w %	CAS no.
Imidacloprid	30 – 60%	138261-41-3

FIRST AID

In case of accident or unwellness, seek medical advice immediately. Provide this label and SDS to medical personnel for treatment. Emergency personnel should wear protective clothing appropriate to the type and degree of contamination.

Immediately remove contaminated clothing and remove the affected person from the contamination area. Keep the person warm, calm and covered up. First Aid personnel should pay attention to their own safety.

Take the container label or product name with you when seeking medical attention.

Eye contact: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

Skin contact: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Consult a physician if necessary.

Inhalation: Immediately remove the affected victim from exposure to an area with fresh air. If breathing is difficult have qualified personnel administer oxygen. If breathing has stopped, administer artificial respiration. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician.

Ingestion: If conscious, rinse mouth thoroughly with water. Rinse mouth. Drink plenty of water. Never give anything by mouth to an unconscious or convulsing person. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomit, rinse mouth and administer more water. Get medical attention immediately if symptoms occur

TOXICOLOGICAL INFORMATION

Antidotes

No specific antidote. Treat symptomatically.

Symptoms of human poisoning

None known.

RESISTANCE MANAGEMENT

SEEDOPRID® 600 FS is a group code 4A insecticide. Any insect population may contain individuals naturally resistant to **SEEDOPRID® 600 FS** and other group code 4A insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by **SEEDOPRID® 600 FS** or any other group code 4A insecticide.

To delay insecticide resistance:

- Avoid exclusive repeated use of insecticides with the same insecticide group code. Alternate or use tank mixes of products with different insecticide group codes.
- Integrate the control methods (chemical, cultural, biological) into insect control programmes.

For specific information on resistance management contact the registration holder of this product.

MODE OF ACTION

4A: Nicotinic acetylcholine receptor (NACHR) competitive modulators – Bind to the acetylcholine site on nAChRs, causing a range of symptoms from hyper-excitation to lethargy and paralysis. Acetylcholine is the major excitatory neurotransmitter in the insect central nervous system.

DIRECTIONS FOR USE

Use only as directed.

NOTICE TO THE USER: This agricultural remedy is to be used only in according to the directions of this label. It is an offense under the Act to use this product inconsistent with the directions on the label.

Compatibility

SEEDOPRID® 600 FS is compatible with captab.

Mixing instructions

Thoroughly mix the required volume of **SEEDOPRID® 600 FS** with the prescribed volume of water before application to the seed.

When large quantities of seed are treated, automatic seed dressing equipment can be used. However, equipment should be checked at regular intervals to ensure the correct dosage of **SEEDOPRID® 600 FS** is applied.

For the treatment of small quantities of seed, a manually operated drum may be used. The drum is suspended on an offset axle by two pivots and is filled with seed to not more than two thirds the volume of the drum. Once the prepared mixture of **SEEDOPRID® 600 FS** and water has been added to the seed, the lid is closed and the drum rotated slowly for 3–5 minutes to ensure even coating of the seed with the seed dressing.

Seed can be treated directly before planting or even one season prior to planting, provided the seed is stored under cool, dry conditions. When treated at a rate of not less than 230 ml **SEEDOPRID® 600 FS** per 100 kg seed, the stored seed will be protected from the following insects for 12 months:

BOTANICAL NAME	COMMON NAME
<i>Ephestia cautella</i>	Tropical warehouse moth
<i>Rhyzopertha dominica</i>	Lesser grain borer
<i>Sitophilus oryzae</i>	Rice weevil
<i>Tribolium confusum</i>	Confused flour beetle

APPLICATION RATES

CROP AND TARGET	DOSAGE	REMARKS
Barley Russian aphid (<i>Diuraphis noxia</i>)	230 ml/1.6 L water/100 kg seed	Control of 8–10 weeks may be expected, provided that the soil is sufficiently moist to allow uptake of the active ingredient.
Wheat Russian aphid (<i>Diuraphis noxia</i>)	230 ml/1.6 L water/100 kg seed	Control of 8–10 weeks may be expected, provided that the soil is sufficiently moist to allow uptake of the active ingredient.