

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

# Apron<sup>®</sup>XL 350 ES

## FUNGICIDE SEED TREATMENT

**Active Constituent:** 350 g/L METALAXYL-M

For the control of seedling diseases caused by *Pythium* and *Phytophthora* in Cotton, Peas, Lucerne, Subterranean Clover, Carrots, Beetroot, Maize, Sweet Corn and Radish. Also for the disinfection of *Fusarium* wilt on Cotton seeds.

GROUP	<b>D</b>	FUNGICIDE
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APVMA Approval No: 50195/1/0404

**Pack size: 1 L, 20 L, 115 L, 1000 L**

## GENERAL INSTRUCTIONS

Only controls Damping-off diseases caused by *Pythium* and *Phytophthora* and provides control of Stem Rot caused by *Phytophthora* for 3 to 4 weeks after emergence. APRON XL 350 ES will not control Damping-off caused by *Rhizoctonia*, *Fusarium* or other fungi.

### Application

#### **Treatment in small lots by the farmer**

May be applied by shaking with seed in a tin, enclosed drum or plastic bag.

1. Premix APRON XL 350 ES with water to a total volume of not less than 5 mL nor more than 10 mL per kg of seed.
2. Apply solution to seed and vigorously mix for 1 to 2 minutes.

#### **Treatment of large seed lots by commercial seed treatment equipment**

For large-scale seed treatment, the product should be applied diluted with water in specialised seed treatment equipment. As for all such seed treatments, a good flow and metering system for the initial prepared solution is important. Depending on the type of seed treatment equipment, it may be necessary to increase the recommended amount of water slightly in order to ensure an optimal flow of the solution and an even treatment of seed. Prepare the solution as follows:

1. Fill the solution tank with the required volume of water and mix with the appropriate volume of APRON XL 350 ES. Total volumes of not less than 500 mL nor more than 1 L of water per 100 kg of seed are recommended.
  2. Switch on the stirring system and stir.
- The prepared solution must be used within 1 week.

### Fungicide Resistance Warning

APRON XL 350 ES is a member of the phenylamide group of fungicides. For fungicide resistance management APRON XL 350 ES is a Group D fungicide.

Some naturally occurring individual fungi resistant to APRON XL 350 ES and other Group D fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungi population if these fungicides are used repeatedly. These resistant fungi will not be controlled by APRON XL 350 ES and other Group D fungicides, thus resulting in a reduction in efficacy and possible yield loss.

Since the occurrence of resistant fungi is difficult to detect prior to use, Syngenta Crop Protection Pty Limited accepts no liability for any losses that may result from the failure of APRON XL 350 ES to control resistant fungi.

### PRECAUTION

DO NOT use treated seed for animal or human consumption. DO NOT allow treated seed to contaminate grain or other seed intended for animal or human consumption. DO NOT feed treated seed, or otherwise expose, to wild or domestic birds.

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. Bags which have held treated seed should not be used for any other purpose.

### PROTECTION OF LIVESTOCK

DO NOT feed treated seeds to animals, including poultry.

### PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the product or used containers.

### STORAGE AND DISPOSAL

Store in closed original container in a cool, well ventilated area as cool as possible. DO NOT store for prolonged periods in direct sunlight.

Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers 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.

For 200 L returnable containers: Empty contents fully into application equipment. Close all valves and return to point of sale for refill or storage.

### SAFETY DIRECTIONS

**Will irritate the eyes and skin. Avoid contact with eyes and skin.**

**When opening the container and preparing the dilute solution wear:**

- cotton overalls buttoned to the neck and wrist (or equivalent clothing);
- elbow-length PVC gloves; and
- face shield or goggles.

**When using the prepared solution wear:**

- cotton overalls buttoned to the neck and wrist (or equivalent clothing); and
- elbow-length PVC gloves.

**If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves, face shield or goggles and contaminated clothing.**

### FIRST AID

**If poisoning occurs contact a doctor or Poisons Information Centre. Phone 131 126.**

### MATERIAL SAFETY DATA SHEET

If additional hazard information is required refer to the Material Safety Data Sheet. For a copy phone 1800 067 108 or visit our website at [www.syngenta.com.au](http://www.syngenta.com.au)

### MANUFACTURER'S WARRANTY AND EXCLUSION OF LIABILITY

Syngenta has no control over storage, handling and manner of use of this product. Where this material is not stored, handled or used correctly and in accordance with directions, no express or implied representations or warranties concerning this product (other than non-excludable statutory warranties) will apply. Syngenta accepts no liability for any loss or damage arising from incorrect storage, handling or use.

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# Apron<sup>®</sup>XL 350 ES

## DIRECTIONS FOR USE

Crop	Disease Controlled	State	Rate	Critical Comments
Beetroot	Damping-off	All States	100 mL/100 kg seed	Apply diluted with water before sowing. DO NOT store treated seed for more than 6 months before sowing.
Carrots			200 mL/100 kg seed	
Chickpeas	Phytophthora Root Rot ( <i>Phytophthora megasperma</i> )	Qld, NSW, Vic, SA, WA only	75 mL/100 kg seed	Apply diluted with water before sowing. Apply Chickpea Rhizobium inoculum separately from APRON XL as mixing with inoculum reduces nodulation. DO NOT store treated seed for more than 6 months before sowing.
Cotton	<i>Fusarium</i> wilt disinfection	Qld, NSW only	43 mL/100 kg seed	Apply diluted with water before sowing. Treated cotton and lucerne seed can be stored for up to 18 months provided it is kept under dry conditions, avoiding temperature extremes.
Lucerne	Damping-off			
		All States	100 mL/100 kg of seed	
Maize, Sweet Corn	Downy Mildew	Qld, Tas, WA, NT only	150 to 250 mL /100 kg seed	Apply diluted with water before sowing. Use rates towards the lower end of the range when resistant varieties are being sown. Treated maize seed can be stored up to 18 months provided it is kept in cool storage during this period. DO NOT store treated sweet corn seed for more than 6 months before sowing.
Peas	Damping-off	All States	75 mL/100 kg seed	Apply diluted with water before sowing. DO NOT store treated seed for more than 6 months before sowing.
	Downy Mildew	NSW, Tas, SA, WA only		
Radish	Downy Mildew	Qld, NSW, Tas only	175 mL/100 kg seed	
Soybean	Phytophthora Stem Rot, Damping-off	Qld, NSW, WA only	150 mL/100 kg seed	Apply diluted with water before sowing. DO NOT store treated seed for more than 6 months before sowing. Varieties of high susceptibility to the disease may become infected after 3 to 4 weeks if conditions favour the disease infection.
Subterranean Clover	Damping-off	All States	100 mL/100 kg seed	Apply diluted with water before sowing. DO NOT store treated seed for more than 6 months before sowing.

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

**WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED.**