

## INSECTICIDE

# SOMBRERO™ 600 FS

This seed treatment gives you long-lasting, early season control of tough insect pests – including wireworms and flea beetles – in cereals, oilseeds, soybeans and corn.



### ACTIVE INGREDIENT

Imidacloprid

### CHEMISTRY GROUP

Group 4

### PACKAGING

· 8 x 1.54 L

### REGISTERED CROPS:

- Barley
- Canola<sup>1</sup>
- Corn<sup>1</sup>
- Mustard<sup>1</sup>
- Oats
- Soybeans
- Wheat (durum, spring, winter)

<sup>1</sup>Registered for use on this seed in commercial seed treatment facilities only.

### KEY INSECTS CONTROLLED:

- Bean leaf beetle
- Corn flea beetle
- Flea beetle
- Seedcorn maggot
- Soybean aphid
- Wireworms

### HOW IT WORKS:

Sombrero™ 600 FS contains a proven, highly-effective seed treatment insecticide that gives you broad-spectrum control of above and below ground pests. Once treated seed is planted, the active ingredient in Sombrero 600 FS is released and forms a protective barrier around the seed. As the plant grows, systemic action transports Sombrero 600 FS throughout the developing stem and leaves, ensuring lasting insect control and giving the crop the defense to grow to its potential.

### APPLICATION RATES:

A colourant MUST be added in accordance with the PCP Act and the Seeds Act Regulations.

Crop	Insect	Rate	Application Information
Corn, Field corn for seed production	Wireworms	21.3 ml/ 80,000 seeds	Dilute in sufficient water to achieve uniform coverage on the seed. Ensure seed is adequately coloured. Other polymers and coating materials may be required.
Field corn for seed production	Corn flea beetle	80 ml/ 80,000 seeds	
Wheat (durum, spring, winter), Barley, Oats	Wireworms	17 – 50 ml/ 100 kg seed	Dilute in sufficient liquid to achieve uniform coverage on the seed.
Soybeans	Soybean aphid, Bean leaf beetle, Seedcorn maggot, Wireworm	104 – 208 ml/ 100 kg seed	Use the higher rate for early seeding, when insect populations are expected to be high, and to extended control period for aphids.  Dilute in sufficient liquid to achieve uniform coverage on the seed.
Canola/Mustard	Flea beetle	667 – 1333 ml/ 100 kg seed	In areas where flea beetle populations are high, use the higher application rate.

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## WATER VOLUME:

Dilute in sufficient liquid to achieve uniform coverage on the seed.

## TANK MIXES WITH FUNGICIDES:

- Raxil® T
- Raxil® MD
- Raxil® Pro
- Apron Maxx® RTA®
- Apron Maxx® RFC
- Insure Cereals
- Insure Pulse
- Rancona Apex
- Vibrance Quattro

## MIXING INSTRUCTIONS:

1. Add fungicide.
2. Add coating agents.
3. Add Sombrero™ 600 FS.

## STORAGE:

- Do not store Sombrero 600 FS at low temperatures.
- Prior to and during application, Sombrero 600 FS must be thoroughly agitated to ensure uniform mixing of the product.
- Due to viscosity of the material, it should be kept at 10 C prior to and during application. Do not apply direct heat to container.

## USE RESTRICTIONS:<sup>1</sup>

1. Do not use treated seed for food, feed or oil processing.
2. Do not graze or feed livestock on treated areas for 4 weeks after seeding.
3. Mustard greens grown or harvested from Sombrero 600 FS treated seed can't be used for human consumption.
4. Treated canola, rapeseed or mustard (condiment type only) seed stored for periods exceeding 6 months may decrease in germination at a faster rate than untreated seed. Treated seed stored for more than 6 months should be tested for germination before seeding. Do not store treated seed above 25 C or in direct sunlight.
5. This chemical demonstrates the properties and characteristics associated with chemicals detected in ground water. Using it in areas where soils are permeable, or the water table is shallow, may result in ground water contamination.

<sup>1</sup>All bags containing treated seed must be labelled or tagged. Please see label for instructions.

## QUICK TIPS:

For optimal insect control, make sure to get good seed coverage.  
For resistance management, rotate Sombrero 600 FS with different groups that control the same pests in a field.