FUNGICIDE

ADAMA

SORATEL™

Advanced disease protection powered by Asorbital™ Formulation Technology.

Offering a flexible application window, SORATEL™ fungicide is proven to protect a wide variety of crops from disease, including fusarium head blight in wheat and sclerotinia in canola.

POWERED BY Asorbital™ FORMULATION TECHNOLOGY

GROUP 3

Active Ingredient

Prothioconazole 250 g/L = EC

Packaging

Case: 2 x 9.6 L jugs

Application Rates & Acres Treated

Rate: 160 – 320 ml/ac
(standard rate: 240 ml/ac)

Acres Treated: 60 – 120 ac/case
(standard rate: 80 ac/case)

Water Volume

Ground: Minimum 40 L/ac (10 US gal/ac)
Aerial: Minimum 20 L/ac (5 US gal/ac)

NOTE: Do not apply low growing berries or peanuts by aerial application.

Rainfastness

Avoid application if heavy rainfall is forecast.

KEY BENEFITS

- Technologically advanced formulation developed by and unique to ADAMA
- 5% higher efficacy vs competitive products shown in Canadian trials
- Excellent systemic movement within the plant
- Pre- and post-infection activity of multiple diseases in multiple crops
- Wide window of application

REGISTERED CROPS

- Barley
- Low growing berries except strawberries (Crop subgroup 13-07H)
- Borage
- Brassica carinata
- Bushberries (Crop subgroup 13B)
- Canola
- Chickpeas
- Crambe
- Corn
- Field peas
- Flax (linseed)
- Lentils
- Oats
- Oriental mustard
- Peanuts
- Rapeseed
- Safflower
- Soybeans
- Sugarbeets
- Sunflower
- Wheat (spring, winter)
- Plus other small grains

HOW IT WORKS

SORATEL™ is a triazolinthione, broad-spectrum systemic fungicide with Asorbital® Formulation Technology. This new technology, unique to ADAMA, combines its unique mix of solvents and surfactants, delivering enhanced penetration efficiency and includes a built-in adjuvant.

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KEY DISEASES CONTROLLED:

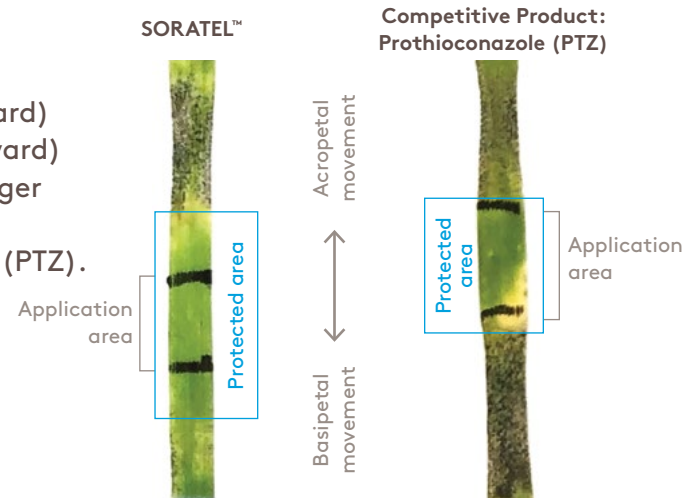
Crop	Disease	Rate	Timing
Cereals			
Barley	Fusarium head blight[1]	240 – 320 ml/ac	70 – 100% head emergence
	Net blotch, scald, spot blotch	160 – 240 ml/ac	First sign of disease
Oats	Crown rust	240 ml/ac	First sign of disease
Wheat (spring, durum, winter)	Fusarium head blight[1], glume blotch	240 – 320 ml/ac	75% head emergence to 50% main stem flower
	Leaf rust, speckled leaf blotch, tan spot	240 ml/ac	First sign of disease
Oilseeds			
Canola, rapeseed, oriental mustard, safflower, sunflower	Sclerotinia stem rot	240 – 280 ml/ac	1st application: 20 – 50% bloom 2nd application (optional): 7 days after first application and up to full bloom (if disease persists or weather conditions are favourable for disease development)
Pulse Crops			
Chickpeas	Ascochyta blight	240 – 320 ml/ac	At beginning of flowering or the first sign of disease
Lentils	Ascochyta blight, white mould (sclerotinia)		
Field peas	Ascochyta blight[1], white mould (sclerotinia)		
Soybeans			
Soybeans	Asian soybean rust Frog-eye leaf spot	160 ml/ac	First sign of disease
Corn			
Corn (field, sweet and popcorn, including seed production)	Eyespot, fusarium[1], Gibberella ear rot[1], grey leaf spot, Northern corn leaf blight, rust	240 ml/ac	First sign of disease Apply from the development stage of corn between full silk emergence (BBCH 63) to early silk browning (BBCH 67)

[1] Suppression

For a complete list of registered crops, diseases, and application rates, consult the label.

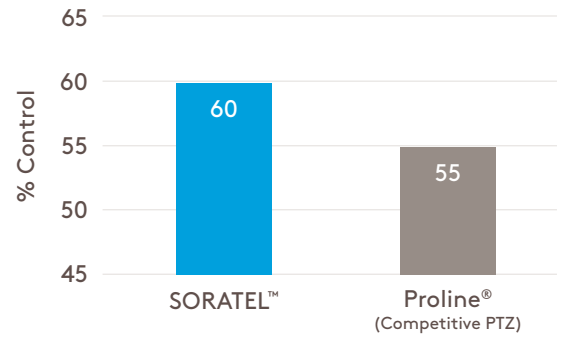
⚠ Always read and follow label directions.

SORATEL™ demonstrates enhanced basipetal (downward) and acropetal (outward/upward) migration, and protects a larger area of the leaf compared to competitive prothioconazole (PTZ).



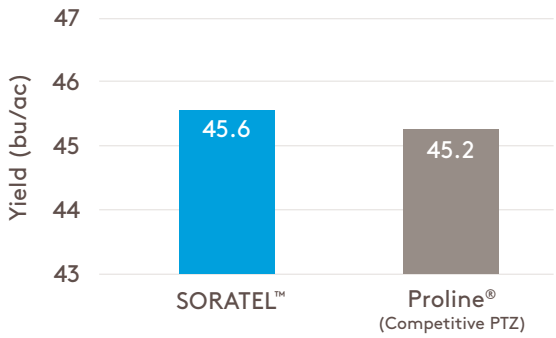
SCLEROTINIA CONTROL IN CANOLA

Summary of 6 small-plot, replicated trials
Conducted by independent researchers in Canada (2020)



SORATEL™ IN CANOLA YIELDS

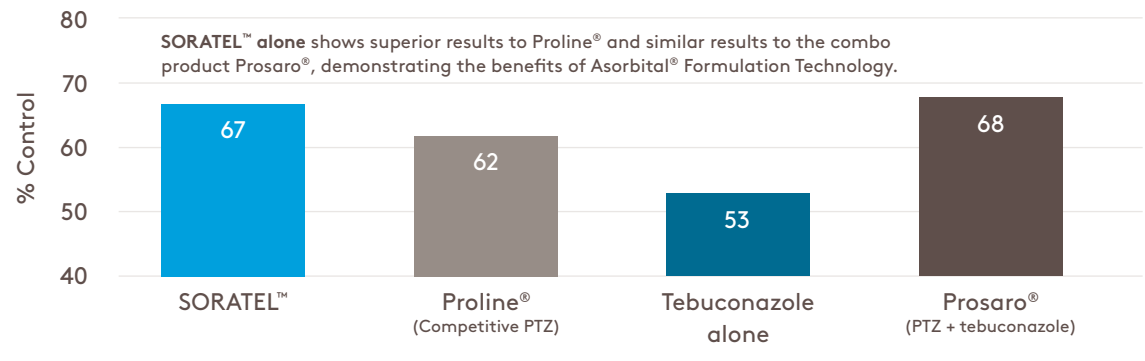
Summary of 7 farmer applied trials conducted in Western Canada in 2020



PTZ = Prothioconazole

FUSARIUM HEAD BLIGHT CONTROL IN CEREALS

Summary of 35 small-plot, replicated trials
Conducted by independent researchers across Canada (2018–2020)



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REGISTERED AND SUPPORTED TANK MIXES:

Insecticides:

- Coragen®
- Decis®
- SILENCER® 120 SC
- ZIVATA™

MIXING INSTRUCTIONS:

1. Add ½ of the required amount of water to the spray or mixing tank and start agitation.
2. Add the required quantity of SORATEL™ to the water and complete filling with water to the required total volume.
3. Maintain agitation throughout mixing and spraying.

NOTE: If tank-mixing with an insecticide, please reference the label of the partner for specific mixing order or follow W.A.M.L.E.G.S or W.A.L.E.S. for proper mixing protocol.

CROP ROTATIONS:

Treated areas may be replanted with any crop specified on the label as soon as practical after the last application. For crops not listed on the label, do not plant back within 30 days of last application.

PRE-HARVEST INTERVALS:

- Bushberries (Crop subgroup 13B): 7 days
- Corn (field, popcorn, sweet): 14 days
- Soybeans: 20 days
- Barley, Oats, Wheat (spring, winter): 30 days
- Borage, Brassica carinata, Canola, Crambe, Flax, Oriental mustard, Rapeseed: 36 days
- Low growing berries except strawberries (Cropsubgroup 13-07H): 45 days

GRAZING RESTRICTIONS

Do not graze livestock within 30 days of spraying.

STORAGE:

Do not freeze.

POWERED BY Asorbital™ FORMULATION TECHNOLOGY

Asorbital® Formulation Technology was developed by and is unique to ADAMA worldwide.

Products with this enhanced technology offer reduced run-off and photodegradation, improved rainfastness and more thorough protection of the foliage.

SORATEL™ is the first of many ADAMA products to come that will include Asorbital® Formulation Technology and be available to Eastern Canada growers in the future.

ADAMA

Always read and follow registered product label instructions. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label.

1.855.264.6262 ADAMA.COM