



life scientific

Wheat
Barley
Oats
Triticale

Leedor™

Cereals Fungicide

Leedor™ is a broad-spectrum systemic fungicide combining Group 3 and Group 11 modes of action for reliable control of **leaf rusts, Septoria leaf blotch, tan spot, net blotch, scald, and powdery mildew** in cereal crops. Applied preventively or at the earliest stages of disease development, Leedor protects flag leaf health and yield potential – equivalent formulation to Delaro®, now from Life Scientific.

MODE OF ACTION

Prothioconazole (Group 3 – DMI triazolinthione) inhibits sterol C-14 demethylase in fungal cell membranes. Trifloxystrobin (Group 11 – QoI strobilurin) inhibits mitochondrial respiration at the Qo site. This dual-site mode of action provides broad-spectrum disease control and supports integrated resistance management.

KEY BENEFITS

- Dual modes of action (Group 3 + Group 11) for broad-spectrum cereal disease control
- Controls **leaf rust, stem rust, stripe rust, Septoria leaf blotch, tan spot, net blotch, scald, and powdery mildew**
- Preventive and curative flexibility – apply from tillering through flag leaf emergence
- Systemic absorption and acropetal translocation protects new growth
- Supports integrated resistance management with built-in MOA diversity
- Equivalent product profile to Delaro® – confirmed by independent LCMS* spectral analysis (see comparison plot to right)

APPLICATION GUIDANCE

Application Methods: Ground sprayer; aerial (fixedwing and rotary wing)

Water Volume: Min 40 L/ac ground; min 20 L/ac aerial

Mixing Notes: Half-fill tank with water, add Leedor, fill to volume. Maintain agitation throughout

Pre-Harvest Interval: 45 days (all cereals)

Max Applications: 1/yr (spring/durum/barley/oats/triticale); 2/yr (winter wheat)

Min Re-application: 14 days (winter wheat only)

Max Seasonal Rate: 231 mL/ac (spring cereals); 463 mL/ac (winter wheat)

Tank-Mix Notes: Winter wheat only: may tank-mix with Buctril M or Infinity herbicides at 178 mL/ac rate during 2–4 leaf stage (fall) or up to flag leaf (spring).

DO NOT tank-mix with graminicides.

Rainfastness: 1 hour

FUNGICIDE | GROUP 3, 11

ACTIVE INGREDIENTS

Prothioconazole 175 g/L

Trifloxystrobin 150 g/L

RESTRICTED-ENTRY INTERVAL

24 hours (12 days for detasseling in corn)

PACKAGE SIZE

7.1L Jug



SCOPE OF USE

Crop	Target Disease	Rate (mL/A)	Timing Guidelines
Wheat (spring, durum)	Septoria leaf blotch Powdery mildew,	231 mL/ac	Preventive or early disease. Tillering to flag leaf emergence
	Tan spot Leaf/Stem/Stripe rust		
Wheat (winter)	Septoria leaf blotch Powdery mildew,	178–231 mL/ac	Tillering or stem elongation. Must apply prior to head emergence. 2nd app: min 14 days after 1st
	Tan spot Leaf/Stem/Stripe rust		
Barley	Net blotch Scald Leaf/ Stem/Stripe rust Powdery mildew	231 mL/ac	Preventive or early disease. Tillering to flag leaf emergence
Oats	Crown rust Leaf blotch Stem rust	231 mL/ac	Preventive or early disease. Tillering to flag leaf emergence
Triticale	Stem rust Scald	231 mL/ac	Preventive or early disease. Tillering to flag leaf emergence

Spring/durum wheat, barley, oats, triticale: max 1 application per year. **Winter wheat:** max 2 applications per year; min 14-day interval between applications. **PHI:** 45 days (all cereals). Do not graze within 30 days of application. **DO NOT** harvest for forage within 30 days. Do not harvest grain/straw/hay within 45 days. **DO NOT** apply Leedor with an adjuvant in corn. **DO NOT** tank-mix with graminicide herbicides (winter wheat).

RESTRICTIONS & STEWARDSHIP

Resistance Management: Group 3 + 11 fungicide. Rotate with different fungicide groups. If successive applications are warranted, apply a different registered product at heading/flowering stage.

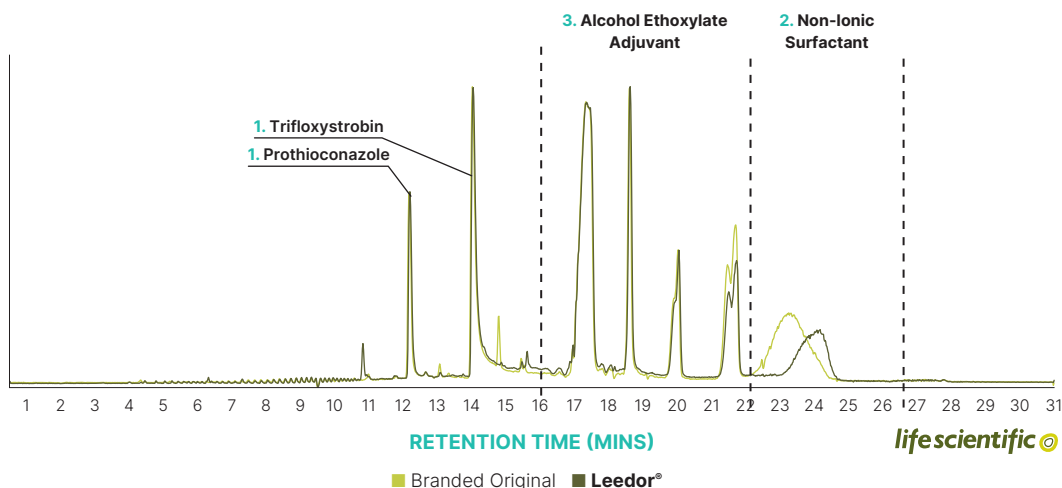
Storage: Do not store below freezing. If stored 1 year or longer, shake well before using. Keep in original container away from feeds, seeds, and foodstuffs.

Spray Buffer Zones (field sprayer): Wheat/barley/oats/triticale: 1 m freshwater/estuarine; 0 m terrestrial. Winter wheat: 1 m freshwater/estuarine; 1 m terrestrial.

Spray Buffer Zones (aerial – pulses): Fixed wing: 10 m (<1 m FW), 1 m (>1 m FW), 10 m (<1 m estuarine), 1 m (>1 m estuarine), 0 m terrestrial. Rotary: 10 m, 1 m, 5 m, 1 m, 0 m.

Rotation: Replant any crop on the label (incl. flax, sugarbeet) as soon as practical. Non-label crops: wait 30 days.

LIQUID CHROMATOGRAPHY-MASS SPECTROMETRY ANALYSIS



- Active ingredients –** Prothioconazole + Trifloxystrobin. Slight variation is expected due to different sources of the active, which has no impact on efficacy or active content
- Non-Ionic Surfactant –** Aiding in stabilizing the dispersed actives particles while improving wetting and dispersion during formulation and dilution. Slight variation in peak shape is expected due to normal variation in source of materials.
- Alcohol Ethoxylate Adjuvant –** Acts as an emulsifier and provides better performance in leaf coverage, alongside leaf penetration.

*Liquid Chromatography – Mass Spectrometer (LCMS), scan our QR code for more information.

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PCPA REGISTRATION NO. PENDING

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