

Imtrex[®]
Fungicide

**I'm powerful
I'm adaptable
Imtrex**[®]

Versatile disease control
in wheat and barley

 **BASF**
We create chemistry

An innovative combination of protection & adaptability

Imtrex is the product cereal growers have been waiting for: a solo SDHI (succinate dehydrogenase inhibitor) you can use to provide top-level, broadspectrum protection in both wheat and barley crops in a tank-mix with the recommended label rate of an approved triazole-based product (e.g. Opus[®] or Prosaro^{*}) that is also recommended for the same target diseases in barley and wheat.

Imtrex stops the growth of fungal cells almost immediately after application and its acropetal systemic mobility keeps wheat and barley plants protected well beyond the treated area.

What makes Imtrex the top option:

- **A high standard of performance in both wheat and barley**
- **The convenience of using the same product on both crops**
- **Wide application window for two sprays per season**
- **Excellent systemic movement within the plant and residual protection**
- **Wide choice of tank-mix partners including herbicides and PGRs.**



Immediate impact

How Imtrex works

The active ingredient in Imtrex, fluxapyroxad, belongs to the FRAC Group 7, SDHI mode of action group. Its primary action is the inhibition of succinate dehydrogenase in complex II of the mitochondrial respiratory chain, which results in inhibition of spore germination and germ tube and mycelial growth within the fungal pathogen.

Imtrex quickly disrupts the energy supply within the fungus, stopping fungal growth to protect the plant.

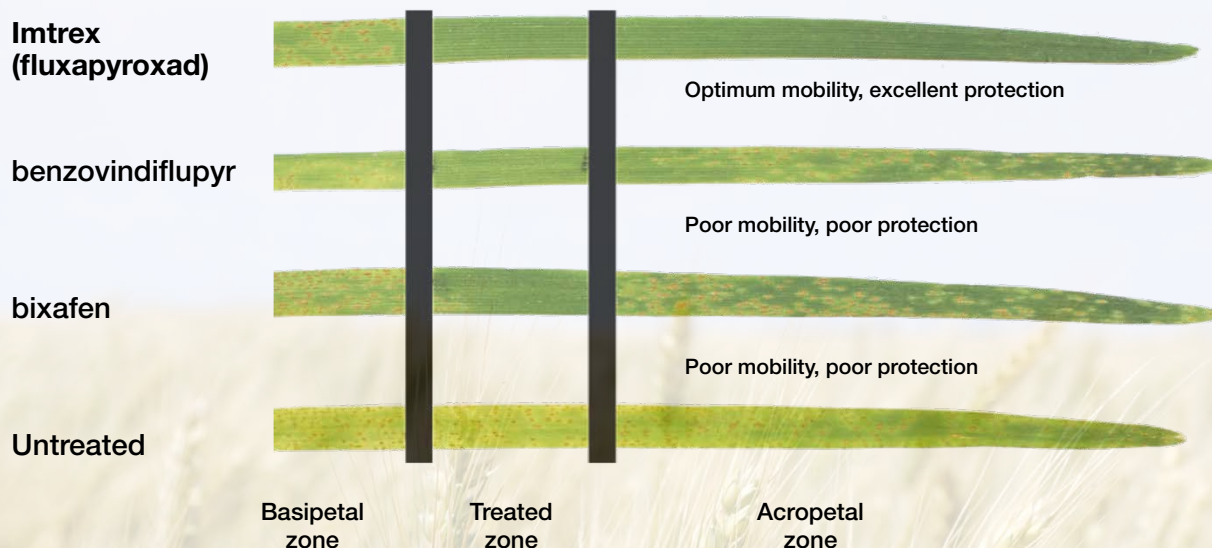
Imtrex is taken up via the stem and foliage and translocated upwards and outwards to provide some protection to new growth.

The combination of high level activity and mobility results in exceptional disease control within the plant. However, thorough coverage of the crop is still necessary to achieve the best results.

Impressive mobility. Impressive efficacy.

These images from a glasshouse test show the differing systemic properties of SDHI fungicides. Imtrex was the most systemic compound in this test.

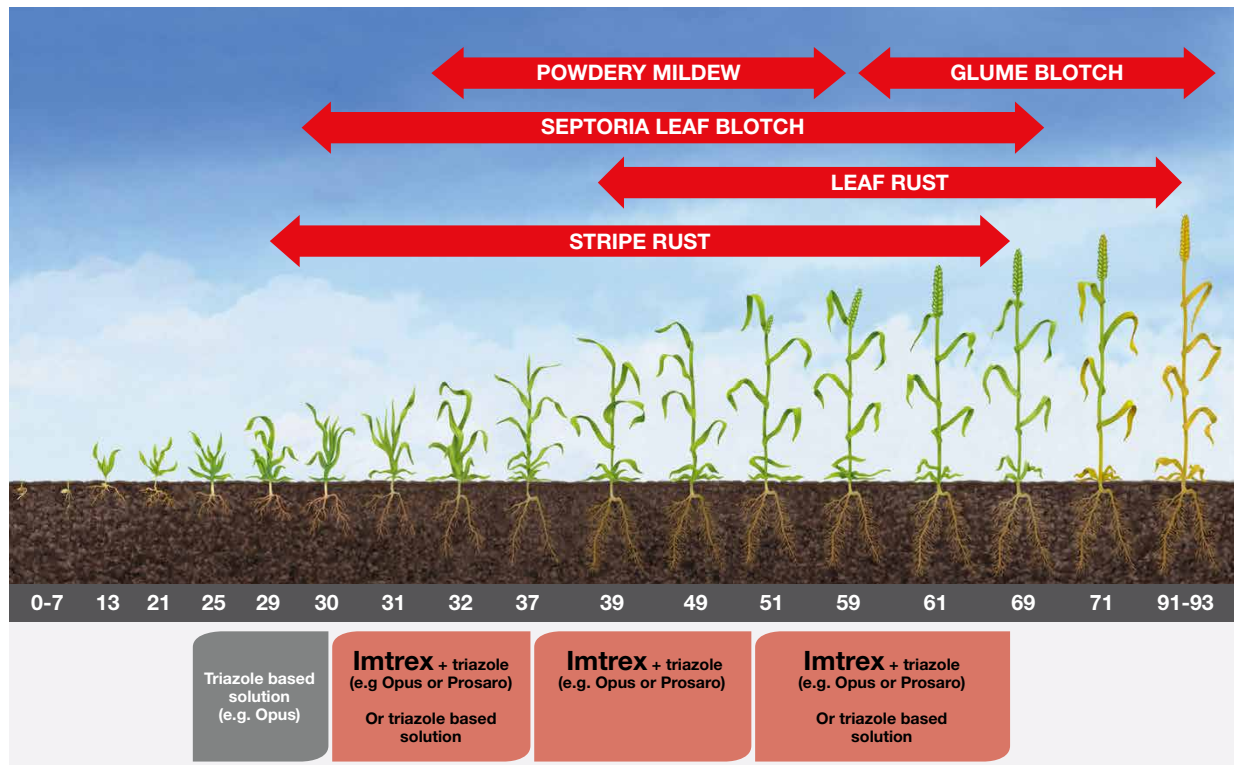
Leaf rust efficacy on wheat (preventative, inoculated 2 days after application)



Imtrex moves from the treated zone, upwards and outwards, to protect new growth and/or leaves not fully covered at application.

Impressive adaptability

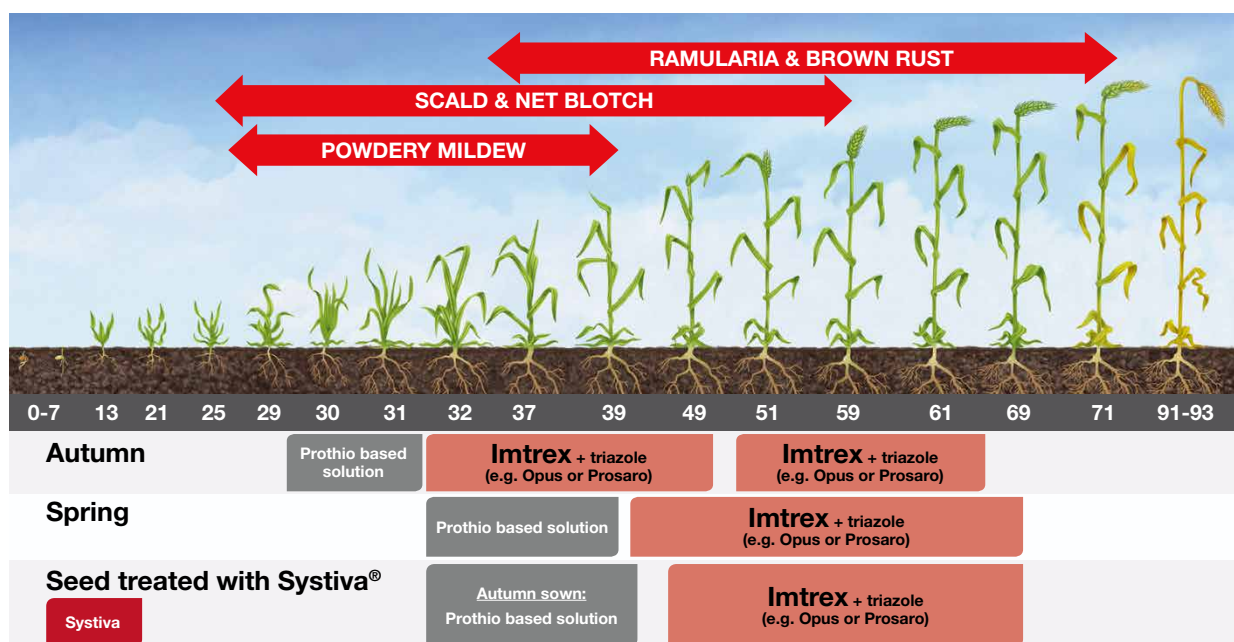
- Application timings in **wheat**



Use no more than two Imtrex applications per crop cycle.

This wheat diagram highlights the optimum timings for specific disease control. As only two applications of Imtrex per crop cycle is permitted. Imtrex should be used early and mid-season or mid and late season - depending on when Septoria (speckled) leaf blotch pressure is greatest.

- Application timings in **barley**



Imtrex at a glance

Active ingredient:	62.5 g/L fluxapyroxad
MOA group:	Group 7 – SDHI (succinate dehydrogenase inhibitor)
Formulation type:	Emulsifiable concentrate
Pack size:	10 L
Rainfastness:	Rainfast once dried on the leaf: 3 to 15 minutes

Crop and disease registrations

Barley	Scald Brown rust Net form net blotch Spot form net blotch Powdery mildew <i>Ramularia</i> (suppression)	Wheat	Septoria (Speckled) leaf blotch Leaf rust Powdery mildew Stripe rust Glume blotch (protection)
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Application

Use rate:	1.25 L/ha Imtrex PLUS the recommended label rate of an approved triazole-based product that is also recommended for the same target diseases in barley and wheat.
Water volume:	Minimum 150 L/ha by ground and 60 L/ha by air
Tank-mixing:	Compatible with most other fungicides, insecticides, herbicides and plant growth regulators (e.g. Terpal®)
Adjuvants:	Not required
WHPs:	Cereal green feed/silage: 28 days between last application and stock grazing or cutting for silage. Cereal grain: 42 days between last application and harvest. Observe the longest WHP of any tank-mix partner.

Imtrex[®]

Fungicide

I'm powerful I'm adaptable

- ✓ **Impressive performance**
in both wheat and barley
- ✓ **Impressive convenience**
with a single solution for both crops
- ✓ **Impressive versatility**
with application timing and tank-mixing options

For more information on Imtrex,
visit crop-solutions.basf.co.nz or call 0800 558 399

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