

IMPACT[®] your fertilizer for peace of mind



Why use Impact In-Furrow[®]?

Impact[®] (Flutriafol) is a broad spectrum fungicide which can be applied onto fertilizer to control a range of diseases in wheat and barley. Impact In-Furrow[®] is registered to control the following cereal diseases;

Wheat

- Take-All (*Gaeumannomyces graminis*) @ 400ml/ha
- Septoria Tritici Blotch @ 400ml/ha
- Stripe Rust (*Puccinia striiformis*) @ 200 or 400ml/ha

Barley

- Powdery Mildew (*Erysiphe graminis*) @ 200 or 400ml/ha
- Scald (*Rhynchosporium secalis*) @ 200 or 400ml/ha

According to the Department of Agriculture, fully susceptible varieties such as Westonia and Bonnie Rock remain highly prone to infection throughout their life and can sustain rust until they die. Less susceptible varieties such as Calingiri and Wyalkatchem have adult resistance but are prone to infection during young growth.

Fully resistant varieties don't become significantly infected at young or adult stages and hence don't represent a significant risk to rust outbreaks. Protecting the crop from the time of germination with Impact In-Furrow[®] reduces the ability of these rusts to produce spores and further infections.

VARIETY	CVT RATING			USE OF IN-FURROW FUNGICIDE
	STEM RUST	STRIPE RUST	LEAF RUST	
Westonia	2	2	4	Recommended
Arrino	3	3	3	Recommended
Bonnie Rock	4	3	7	Recommended
Calingiri	3	4	6	Recommended
Camm	3	7	3	Recommended
Wyalkatchem	3	5	7	Recommended
Yipti	3	6	6	Recommended
Carnamah	7	4	4	Recommended

2=Very Susceptible 3=Susceptible 4=Moderately Susceptible
5=Intermediate 6=Moderately Resistant 7=Resistant

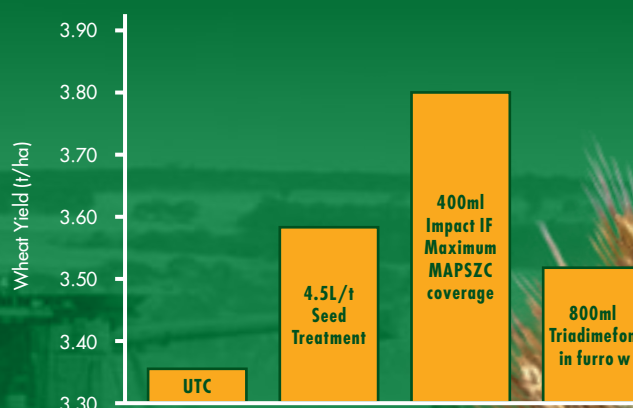


Tim Moir – Borden

"I nominated fungicide coating in the Summit Fertilizers contract – That worked out pretty economical and certainly wasn't worth trying to coat it ourselves."

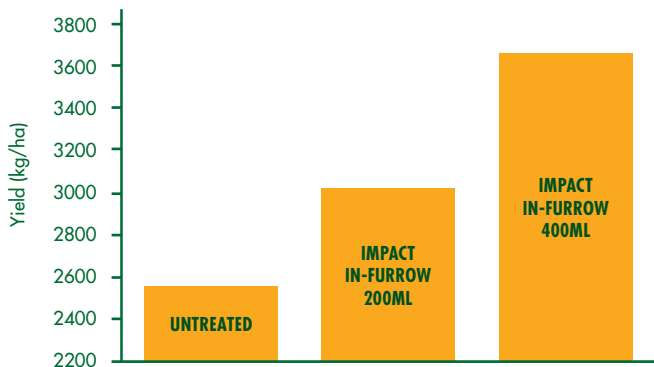
Impact In-Furrow[®] is effective in Wheat. Data from Summit Fertilizers trials shows that Impact[®] used for cereal disease control increased net returns to around \$67/ha #. In this trial, maximum fertilizer coverage with Impact[®] produced \$21/ha # greater return than the seed treatment and \$38/ha # greater return than triadimefon treated fertilizer.

Summit Impact In-Furrow[®] Trial



how effective is IMPACT In-Furrow®?

Impact In-Furrow® and Leaf Rust Control



*Impact In-Furrow® is not registered to control leaf rust in wheat.

Impact In-Furrow® is also effective against Leaf Rust* in Wheat. Data from Victoria indicates that Impact® can produce returns between \$80/ha at 200ml and \$202/ha# at 400ml/ha when leaf rust is present.



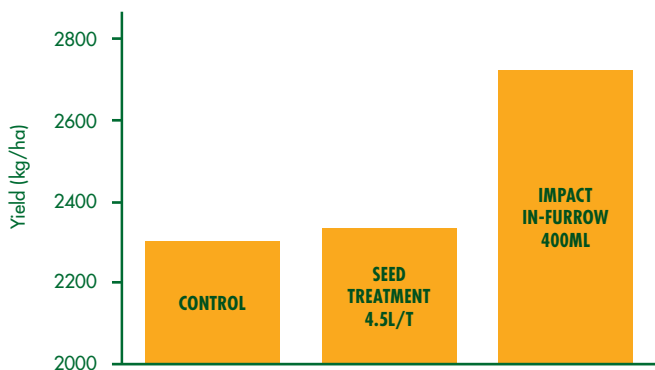
STRIPE RUST



LEAF RUST

Impact In-Furrow® on Take-All • Pingrup

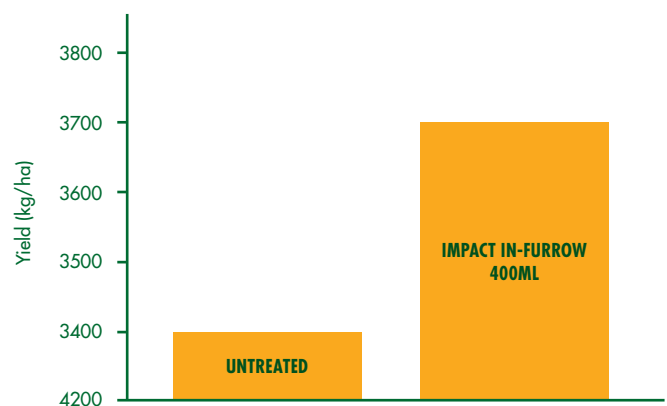
Impact In-Furrow® is effective against Take-All in Wheat. Using Impact® for take-all control in wheat can be very profitable. In this trial at Pingrup, Impact® increased profit by \$67/ha#.



TRITICI

Impact In-Furrow® on Septoria

Impact In-Furrow® is also effective against Septoria in Wheat. Septoria is present in wheat in most years and can be particularly damaging when present with leaf rust. In this trial, using Impact® resulted in an addition to profit of \$36/ha#.



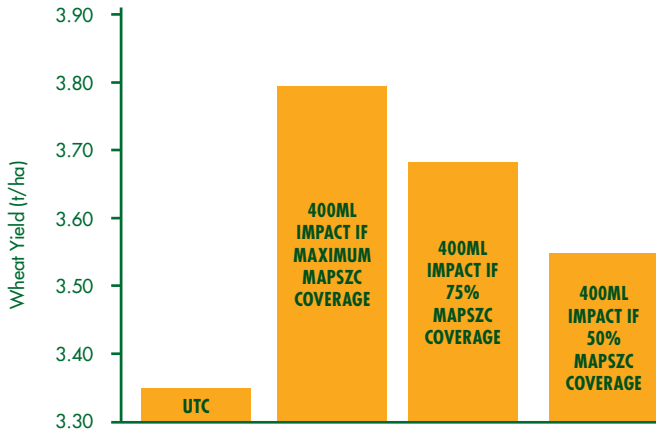
why use Summit Fertilizers to apply IMPACT[®] onto fertilizer?

Summit Fertilizers was the first company in WA to apply Impact[®] onto fertilizer in 1996.

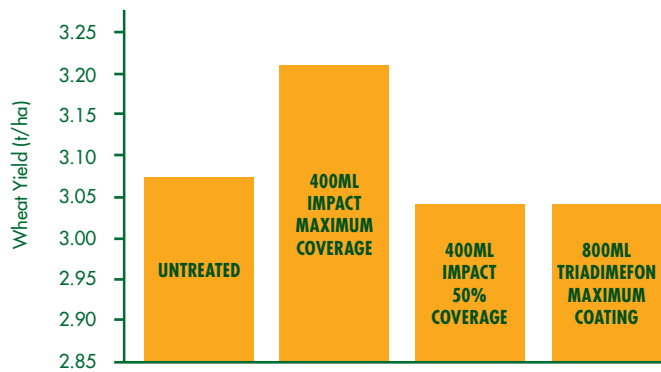
Our applicators achieve maximum coverage of fertilizer granules with Impact[®]. Poor fertilizer coverage with Impact[®] can result in reduced fungicide uptake and a poor result in

the field. The graphs below show the effect that poor coverage can have on a cereal crop. Greatest yield was achieved with fertilizer coverage of greater than 75%. In 2003, applying the full rate of Impact[®] in this trial generated a return of \$67/ha #. Poor fungicide coverage (less than 75%) would have resulted in up to \$48/ha # difference in return!

Impact In-Furrow[®] Trial • Munglinup 2003



Summit Fungicide Trial • Esperance 2004



ASWN Wheat \$194/t @ 10.5% Protein, 5% Screenings & 12.5% Moisture as at 15/2/06
Impact[®] cost \$43/L and coating cost of \$30/tonne (ex GST)

In 2003, maximum fertilizer coverage resulted in \$48/ha greater return than poor coverage.

Extensive rains from ex-tropical cyclones Claire and Emma have increased the probability of a cereal rust outbreak this season. Presently the potential for a major rust outbreak is high throughout most of the wheatbelt. The severity of this outbreak will depend on ongoing seasonal conditions.



MAP SOURCE: 'Department of Agriculture - Plant disease forecast 2006 website'
www.agric.wa.gov.au/pls/portal30/docs/folder/ikmp/pw/ph/dis/cer/cereal_rust_forecast.htm



ordering IMPACT[®] this season

Andrew Bott – Munglinup

"I use 100 kg/ha of ZincStar teamed with 300 mL/ha of Impact[®] to deliver a high nutrient analysis product coupled with excellent early season disease protection. If you can provide a healthy plant with early protection from disease in a good nutrient environment, disease shouldn't become as big an issue."



How much Impact[®] do I require?

Impact[®] volume (L/tonne) required according to Impact[®] and Fertilizer rate per hectare.

FERTILIZER RATE (KG/HA)	IMPACT [®] RATE PER HECTARE		
	200ML	300ML	400ML
50	4.0	6.0	8.0
60	3.3	5.0	6.7
70	2.9	4.3	5.7
80	2.5	3.8	5.0
90	2.2	3.3	4.4
100	2.0	3.0	4.0
110	1.8	2.7	3.6
120	1.7	2.5	3.3
130	1.5	2.3	3.1
140	1.4	2.1	2.9

How do I Order Impact[®] Fertilizer Coating?

Follow these easy steps to coat your fertilizer with Impact[®].

PLACE ORDER WITH SUMMIT FERTILIZERS AT ANY DEPOT (CONTACT DETAILS BELOW)

SUMMIT TREATS FERTILIZER WITH IMPACT[®] AND DESPACHES TO GROWER

Summit Fertilizer Contact Details

DEPOTS

KWINANA

Maureen Burrows & Luke Bennett
FREECALL **1800 199 331**
 FACSIMILE (08) 9439 4006

ALBANY

Simon Wilkinson
 TELEPHONE (08) 9841 5400
 FACSIMILE (08) 9842 1781

BUNBURY

Dale Thompson & Tarra Ninnette
 TELEPHONE (08) 9725 6988
 FACSIMILE (08) 9725 6977

ESPERANCE

Tim Hawkey & Tamara Matthews
 TELEPHONE (08) 9071 5800
 FACSIMILE (08) 9071 5035

GERALDTON

Shane Turner & Michele George
 TELEPHONE (08) 9923 3757
 FACSIMILE (08) 9923 3847

SALES

KWINANA

Sandy Alexander 0429 863 265
 Murray Browne 0427 952 174
 Justin Fuery 0427 766 020
 Ray Scheid 0427 766 507

ALBANY

Stuart Currie (North) 0427 766 011
 Simon Wilkinson 0428 415 400

BALLIDU

David Armstrong 0429 956 099

BROOKTON

Andrew Donkin 0427 766 506

BROOMEHILL

Andrew Webster 0427 788 517

BUNBURY

Dale Thompson 0427 903 943

CORRIGIN

Steve Cooke 0429 934 243

ESPERANCE

Nick Donkin (West) 0428 715 045
 Tim Hawkey (East) 0428 715 800

GERALDTON

Shane Turner 0429 947 919

JERRAMUNGUP

Alan Forbes 0427 788 521

LAKE GRACE

Richard Walton 0427 083 820

MERREDIN WEST

Ian Cook 0429 945 332

MERREDIN EAST

Darren Kidson 0427 766 508

MINGENEW

Shannon Barraclough 0427 788 522

MOORA

Michael Gale 0429 900 607

NARROGIN

Michael O'Dea 0427 766 535

NORTHAM

Rob Bagley 0427 989 099

PINJARRA

Ian Grant 0429 043 444