

# Protecting yield and quality in barley



Spring update 2007

## Barley disease risks

There are a range of yield robbing diseases which seriously threaten barley profitability. Fandango tackles all these diseases with the convenience of one pack for building and protecting yield and quality from foliar and stem base disease threats right through the season.



Fandango is proven to deliver consistent yield and quality performance whatever the variety, timing, weather or region thanks to its:

- Broad spectrum disease control
- Unique patented formulation for superior application, crop coverage and rainfastness even at lower water volumes
- Combined with tailored adjuvant system to enhance Rhynchosporium and Net Blotch activity
- One pack convenience for saving time and waste

### Choosing the right fungicide is critical

#### HGCA fungicide activity summary table

Trade name	Powdery mildew	Rhynchosporium	Net blotch	Brown rust	Yellow rust	Ramularia	Abiotic Spotting	Common eyespot
Fandango	++	++++	++++	++++	++++	++++	++++	++++
Proline	++	++++	+++	+++	+++	++++	+++	++++
Allegro	+	++	++	+++	+++	+++	++	
Modem		+++	+++	+++	+++			
Twist 500		+++	+++	+	+			
Venture	+	+++	++	+++	+++	+++	++++	++++

Key

Excellent	Very Good	Moderate	Low	Poor control or not recommended
-----------	-----------	----------	-----	---------------------------------

### Maximise crop quality with Fandango

Fandango not only ensures good yields, it also protects crop quality.

- Delivers high specific weights
- Improves grain boldness and reduces screening losses
- No adverse affect on grain nitrogen levels
- Approved for use on all malting varieties

# Protecting yield and quality in barley

Spring update 2007



## Fandango delivers in more ways than one

**High level performance from fewer packs**

**Yield increase over untreated (t/ha)**

Treatment	2005 (t/ha)	2006 (t/ha)
Fandango 0.75 L/ha	1.10	1.33
picoxystrobin 0.4 L/ha + cyprodinil 0.4 kg/ha	0.87	1.00
fb azoxystrobin 0.4 L/ha + epoxiconazole 0.4 L/ha	0.87	1.00
boscalid + epoxiconazole 1.0 L/ha	0.74	0.97
fb 0.75 L/ha	0.74	0.97

Yield differences from untreated (2005): -0.23 t/ha, -0.23 t/ha, -0.36 t/ha, -0.23 t/ha

**Empty packs of waste produced per 100ha**

Treatment	Empty packs per 100ha
picoxystrobin 0.4 L/ha + cyprodinil 0.4 kg/ha + azoxystrobin 0.4 L/ha + epoxiconazole 0.4 L/ha	40
Fandango 1.0 L/ha	35 (12.5% fewer)
Fandango 0.75 L/ha	30 (25% fewer)

**Fandango generated an average extra 0.25 t/ha Worth €30/ha**

Data Source: Bayer CropScience and Independent trials 2005 & 2006  
2005: 7 trials Mean 6.6 t/ha untreated  
2006: 7 trials Mean 8.3t/ha untreated  
Average on farm prices 2006. €115/t

**Fewer packs means shorter tank filling and turnaround times with more crops protected when they need it**

## Best use guidance in barley

	Winter barley	Spring barley*
T1	Fandango 1.0 – 1.25 L/ha (GS30-31)	Fandango 0.75-1.0 L/ha (mid to late tillering)
T2**	Fandango 1.0-1.25 L/ha Not more than 4 weeks after T1 and ideally with awns just emerging	Fandango 1.0-1.25 L/ha 3-4 weeks after T1

\*Rate will depend on disease pressure and interval between treatments

\*\*Addition of 1.0 L/ha chlorothalonil at T2 helps control *Ramularia* and abiotic spotting

**Whatever your end market, whatever your variety, wherever you are: Fandango protects and delivers yield and quality.**

For more information visit [www.bayercropscience.ie](http://www.bayercropscience.ie)