

## ORANGE BLOSSOM MIDGE RESISTANT

	GATSBY	Welford	Robigus
Wheat Orange Blossom Midge	R	R	R

R = resistant

Gatsby has proven genetic resistance to Wheat Orange Blossom Midge and was added to the 2006 HGCA Recommended List with a specific recommendation for this character.

## LATEST SAFE SOWING DATE

Gatsby has the attributes required for early sowing: stiff straw, very good *Septoria* resistance and slow primordia development. It is currently being evaluated in trials to produce more information on its performance in early sown situations.

The latest safe sowing date for Gatsby is the end of January.



Gatsby is immune to attack by Wheat Orange Blossom Midge

All data is a partial extraction from the HGCA 2006/7 Recommended List. The full Recommended List database can be consulted at [www.hgca.com](http://www.hgca.com)



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Limagrain

## TECHNICAL AND MARKETING GUIDE

- High yielding, soft milling feed wheat
- Resistant to Wheat Orange Blossom Midge
- Excellent all-round disease resistance
- Stiff straw
- Performs well over a range of soil types and cropping situations
- High specific weight



## SUMMARY

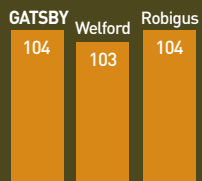
Gatsby is a potentially high yielding feed wheat with a unique combination of agronomic and disease resistance characteristics, including resistance to Wheat Orange Blossom Midge.

## PEDIGREE

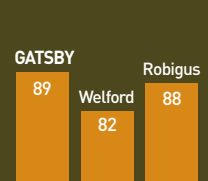
Nelson x Wasmo

## HIGH YIELD POTENTIAL

**TREATED YIELD**  
Yield (% of treated controls)



**UNTREATED YIELD**  
Yield (% of treated controls)



Gatsby has a high treated yield potential and a very high untreated yield.

## REGION, ROTATION AND SOIL TYPE

HGCA REGION	GATSBY	Welford	Robigus
	Yield (% treated controls)		
North	102	101	103
Dry (East)	103	104	105
Wet (West)	104	102	105
ROTATIONAL POSITION			
First Cereal	104	104	106
Second or More Cereal	103	103	100
SOIL TYPE			
Light Soils	105	102	104
Heavy Soils	103	105	104

Gatsby has yielded well in all areas of the UK. It out-yields Robigus as a second wheat, and on lighter soils.

## STIFF STRAW

	GATSBY	Welford	Robigus
Straw Height (cm) Untreated	92	80	91
Resistance to Lodging (no PGR)	7	9	7
Resistance to Lodging (with PGR)	9	9	8
Ripening (days +/- Claire, + = late)	+3	+1	+1

Gatsby has medium length straw (similar to Robigus) and is very stiff with good lodging resistance when pgr treated. It is later to ripen than Claire and Robigus.

## EXCELLENT DISEASE RESISTANCE

	GATSBY	Welford	Robigus
Mildew	8	7	(8)
Yellow Rust	9	7	3
Brown Rust	8	7	9
<i>Septoria tritici</i>	7	5	7
Eyespot	5	8	5

Gatsby has excellent resistance to all the major foliar diseases with no weaknesses. It is one of only three varieties on the HGCA Recommended List to have a '7' for *Septoria tritici* resistance.

## GRAIN QUALITY

	GATSBY	Welford	Robigus
NABIM Group	4	4	3
Endosperm Texture	Soft	Hard	Soft
Protein Content (%)	11.8	11.6	11.6
Hagberg Falling Number	220	246	188
Specific Weight (kg/hl)	76.8	74.4	76.4
Thousand Grain Weight (gms)	(43.1)	43.3	45.7
Zeleny Volume	18.8	28.3	(29)
Chopin Alveograph W	(76)	79	102
Chopin Alveograph P/L	(0.4)	1.0	0.2

() = limited data

Gatsby is a NABIM Group 4 variety with a soft endosperm and a good specific weight for the feed sector.

