

GRAIN QUALITY

	INVICTA	Viscount	Claire
nabim group	3	4	3
Endosperm texture	Soft	Soft	Soft
Protein content (%)	10.9	10.8	11.4
Hagberg falling number	235	173	235
Specific weight (kg/hl)	75.3	75.9	76.8
1000 grain weight (g)	(46.2)	48.7	45.6
Chopin alveograph W	75	93	97
Chopin alveograph P/L	0.3	0.4	0.3

Invicta is a soft textured **nabim** Group 3 wheat with good overall grain quality.

MARKET OPTIONS

	INVICTA	Viscount	Claire
UK biscuit/cake making	Y	-	Y
UK animal feed	Y	Y	Y
UK distilling/biofuel	(Y)	Y	(Y)
uks Export soft	(B)	(Y)	Y

Invicta is potentially suited to the biscuit, animal feed, distilling, biofuel and export markets.

FREE HUSBANDRY GUIDELINES

A comprehensive grower's husbandry guide is available for Invicta. Copies may be downloaded via the website: www.limagrain.co.uk/invicta or by post from the Limagrain Arable Marketing Department at the address below.

Data from the HGCA Recommended Lists database, full data at www.hgca.com
On the 1-9 scales, high figures indicate that a variety shows the character to a high degree.



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invicta

WINTER WHEAT

Technical and Marketing Guide



- Very high yielding soft milling wheat
- Very good yellow rust resistance
- Good lodging resistance
- HGCA (UK) Recommended List **nabim** Group 3
- Good grain quality
- Well suited to the biscuit, distilling, export, biofuel and feed markets



www.limagrain.co.uk/invicta

(B) = may be suitable for blending into export cargoes

() = limited data

Y = suited to that market
(Y) = may be suited to that market

SUMMARY

Invicta is a soft endospermed winter wheat with a very high yield potential. It has excellent agronomic characters with sound all-round disease resistance as well as good standing ability. Invicta is classified by **nabim** as Group 3, has very good grain quality and is likely to be suitable for the biscuit, distilling, biofuel, animal feed and export markets.

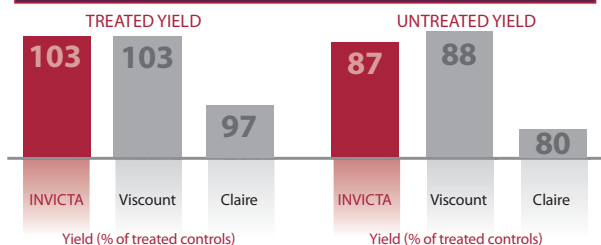
PEDIGREE

(Consort x Claire) x Robigus

BREEDER AND AGENT

Breeder: Limagrain Europe
Agent: Limagrain UK

VERY HIGH YIELD POTENTIAL



Invicta has shown an excellent yield potential in both fungicide treated and untreated trials. It is the highest yielding **nabim** Group 3 variety on the HGCA UK Recommended List.

REGIONAL, ROTATIONAL & LATE AUTUMN SOWN PERFORMANCE

	INVICTA	Viscount	Claire
Regional Performance			
HGCA East	102	104	98
HGCA West	104	101	97
HGCA North	100	104	98
Rotational Performance			
First cereal	103	103	97
Second cereal	101	103	96
Late Autumn Sown	(104)	(104)	-

Invicta has produced very high yields in all the HGCA regions, particularly in the East and West. It has shown a consistent performance when sown as a first and second wheat.

AGRONOMIC CHARACTERS

	INVICTA	Viscount	Claire
Straw height (cm) Untreated	93	84	91
Resistance to lodging (without PGR)	7	7	7
Resistance to lodging (with PGR)	8	7	7
Ripening (days +/- Solstice, + = later)	+3	+1	0
Resistance to sprouting	(6)	4	5

Invicta has medium length straw with very good resistance to lodging when PGR treated.

DISEASE RESISTANCE

Resistance to:	INVICTA	Viscount	Claire
Mildew	6	7	4
Yellow rust	8	5	9
Brown rust	8	9	5
<i>Septoria nodorum</i>	7	(9)	7
<i>Septoria tritici</i>	6	5	6
Eyespot	5	6	6
<i>Fusarium</i> ear blight	6	6	6

Invicta has a very good disease resistance profile for all the main foliar diseases, with no major weaknesses. Invicta has very good resistance to yellow and brown rust.

