

GRAIN QUALITY

	INVICTA	Viscount	Claire	Scout
nabim Group	3	4	3	3
Endosperm Texture	Soft	Soft	Soft	Soft
Protein Content (%)	11.0	11.0	11.6	11.8
Hagberg Falling Number	237	183	249	229
Specific Weight (kg/hl)	75.5	76.3	77.0	78.5
1,000 Grain Weight (g)	(48.3)	(49.5)	46.2	(46.5)
Chopin alveograph W	68	82	93	92
Chopin alveograph P/L	0.3	0.3	0.3	0.3

() = Limited data

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



MARKET OPTIONS

	INVICTA	Viscount	Claire	Scout
UK Biscuit, Cake-making	(Y)	-	Y	Y
UK Animal Feed	Y	Y	Y	Y
UK Distilling	(Y)	Y	Y	-
Export Soft	(B)	(Y)	Y	(Y)

Y = Suited to that market (Y) = May be suited to that market

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

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

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.



Rothwell, Market Rasen,
Lincolnshire, LN7 6DT. England.

Tel: 01472 371471 Fax: 01472 371386

Email: enquiries@nickerson.co.uk

Website: www.nickersonseeds.co.uk/invicta

TECHNICAL AND MARKETING GUIDE

- Very high yielding soft milling wheat
- Very good yellow rust resistance
- Good lodging resistance
- nabim Group 3
- Good grain quality
- Well suited to the biscuit, distilling, export and feed markets



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 well suited to the biscuit, distilling, animal feed and export markets.

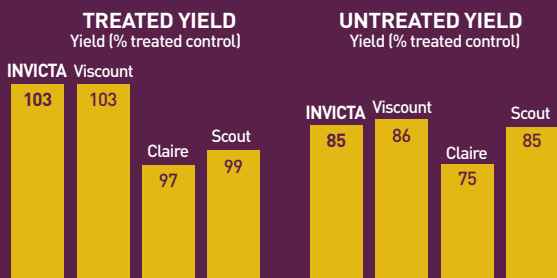
BREEDER AND AGENT

Nickerson

PEDIGREE

(Consort x Claire) x Robigus

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 Recommended List.

REGIONAL AND ROTATIONAL PERFORMANCE

	INVICTA	Viscount	Claire	Scout
	Yield (% treated control)			
REGIONAL PERFORMANCE				
HGCA Dry (East)	103	104	97	99
HGCA Wet (West)	103	101	96	100
HGCA North	(100)	104	96	98
ROTATIONAL PERFORMANCE				
First Cereal	103	103	97	99
Second Cereal	(102)	103	96	100

() = Limited data

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	Scout
Straw Height (cm) Untreated	93	85	92	91
Resistance to Lodging (without PGR)	7	7	7	8
Resistance to Lodging (with PGR)	8	7	7	9
Ripening (days +/- Solstice, + = late)	+3	+1	0	+2

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

DISEASE RESISTANCE

	INVICTA	Viscount	Claire	Scout
Mildew	6	6	4	6
Yellow Rust	8	4	9	9
Brown Rust	7	9	5	9
<i>Septoria nodorum</i>	(7)	(8)	7	(8)
<i>Septoria tritici</i>	6	6	6	6
Eyespot	5	6	6	8
<i>Fusarium</i> Ear Blight	(6)	(6)	7	(6)

() = Limited data

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

