


IDEALLY SUITED TO DOMESTIC AND OVERSEAS MARKETS



	SOLSTICE	Mascot	Malacca
nabim Group	1	1	1
 Export Bread	Y	Y	Y
Endosperm Texture	Hard	Hard	Hard
Protein Content (%)	12.3	12.6	12.5
Hagberg Falling Number	272	278	312
Specific Weight (kg/hl)	78.4	77.3	75.3
1,000 Grain Weight (gm)	50.5	(51.5)	45.7
Zeleny Volume	51.0	(51.7)	47.9
Chopin Alveograph W	189	(231)	217
Chopin Alveograph P/L	0.7	(0.7)	0.7

Y = Suitable for that market () = Limited data

Solstice is a nabim Group 1 variety with excellent milling characteristics producing high rates of flour extraction and appealing white flour. Solstice can also meet the specifications of the export market giving growers a choice of premium market outlets.

LATEST SAFE SOWING DATE

Solstice can be sown from early September through to the end of January.

HUSBANDRY GUIDELINES

A comprehensive grower's husbandry guide is available for Solstice. Copies may be downloaded via the internet (www.nickersonseeds.co.uk/solstice) or by post (free) from the Nickerson 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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TECHNICAL AND MARKETING GUIDE

- High quality nabim Group 1 variety
- Suitable for both domestic and export markets
- Very stiff straw
- Good specific weight
- Agronomically sound and easy to manage



SUMMARY

Solstice is a high quality bread-making wheat that is popular with millers and has been reclassified by nabim as a Group 1 variety. It has performed very reliably in commercial usage and is straightforward to grow with no significant agronomic weaknesses.

BREEDER AND AGENT

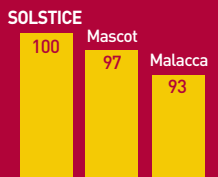
Nickerson

PEDIGREE

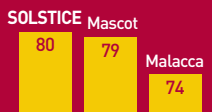
Vivant x Rialto

HIGH YIELD POTENTIAL

TREATED YIELD
(% mean of treated controls)



UNTREATED YIELD
(% mean of treated controls)



Solstice has produced high yields in trials, superior to Mascot and Malacca both with and without fungicide treatment.

REGIONAL PERFORMANCE

HGCA RL REGION	SOLSTICE	Mascot	Malacca
	Yield (% treated controls)		
Dry (East)	100	98	93
Wet (West)	100	95	92
North	98	97	95

Solstice has produced high yields across all HGCA regions of the UK. It has proven to be a reliable variety in trials, performing close to its UK mean yield when sown as a first or second cereal and across a range of soil types and seasons.

VERY STIFF STRAW

	SOLSTICE	Mascot	Malacca
Resistance to Lodging (without PGR)	8	7	7
Resistance to Lodging (with PGR)	9	8	8
Straw Height (cm) Untreated	95	83	86
Ripening (days +/- Claire, + = late)	+1	-1	-1
Resistance to Sprouting	7	-	6

- = No data available

Although Solstice is a relatively tall strawed variety, it has excellent lodging resistance. It has very good resistance to sprouting.

GOOD DISEASE RESISTANCE

	SOLSTICE	Mascot	Malacca
Mildew	5	6	6
Yellow Rust	9	5	8
Brown Rust	4	5	6
<i>Septoria nodorum</i>	6	7	7
<i>Septoria tritici</i>	5	5	5
Eyespot	5	6	5
<i>Fusarium</i> Ear Blight	6	5	5

Solstice has good disease resistance, especially to yellow rust and, important for a quality variety, *Fusarium* ear blight. The development of mildew and eyespot will require monitoring, particularly in early sown, thick crops and brown rust should be catered for where historically this is a problem.

