



TECHNICAL AND MARKETING GUIDE

- Hard milling wheat with excellent yield and bread-making potential
- Outstanding resistance to yellow and brown rust
- Good lodging resistance
- Very good grain quality

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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SUMMARY

Panorama is a potential bread-making wheat with a very high yield potential, good lodging resistance and very good resistance to the main foliar diseases, particularly yellow and brown rust. It has an excellent specific weight and a good Hagberg Falling Number.

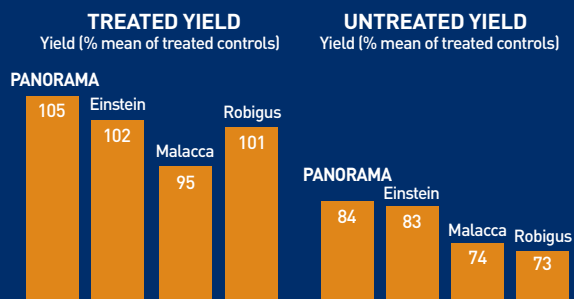
BREEDER AND AGENT

Nickerson

PEDIGREE

Solstice x Xi19

VERY HIGH YIELD POTENTIAL



Panorama has shown an excellent yield potential in trials, 3% above Einstein when fungicide treated and a similar performance without treatment.

STRAW CHARACTERS

	PANORAMA	Einstein	Malacca	Robigus
Straw Height (cm) Untreated	92	89	89	90
Lodging % Treated	1	3	2	2
Lodging % Untreated	1	5	3	1
Maturity (days +/- Claire, + = late)	+1	+1	-1	+2

Panorama has moderately tall straw and has shown very little lodging in trials. Maturity is similar to Einstein.

DISEASE RESISTANCE

	PANORAMA	Einstein	Malacca	Robigus
Mildew	7	6	6	6
Yellow Rust	9	6	8	3
Brown Rust	8	5	6	6
<i>Septoria tritici</i>	5	5	5	7
Eyespot	(3)	6	5	5

() = Limited data

Panorama has a very good disease resistance profile with excellent resistance to mildew, yellow rust and brown rust, and is similar to Malacca for *Septoria tritici*.

GRAIN QUALITY AND MARKETING

	PANORAMA	Einstein	Malacca	Robigus
Endosperm Texture	Hard	Hard	Hard	Soft
Breeders' Quality Claim	Bread	Bread	Bread	Biscuit
Protein Content (%)	12.0	12.3	12.1	11.6
Specific Weight (kg/hl)	78.3	78.3	76.1	77.2
Hagberg Falling Number	286	280	363	249
UK Bread-making	(Y)	Y	Y	
Export Bread	(Y)	Y	Y	

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

Panorama is a hard textured bread-making wheat (potential nabim Group 2). It has a high specific weight and good Hagberg Falling Number.

SOWING DATE

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

