



Orange wheat blossom midge on wheat ear.

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 yielding quality winter wheat with bread-making potential
- Resistant to orange wheat blossom midge
- Stiff straw
- Good all-round disease resistance
- Premium potential in domestic and export markets



SUMMARY

Qplus is a high yielding winter wheat with bread-making potential (nabim Group 2). It is the only bread-making variety on the HGCA Recommended List that has genetic resistance to wheat orange blossom midge. Qplus has very stiff straw, good all-round disease resistance with no weaknesses and good physical grain quality. Qplus is provisionally classified as a *ukp* bread wheat suitable for export.

BREEDER and AGENT

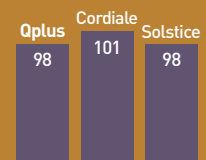
Nickerson

PEDIGREE

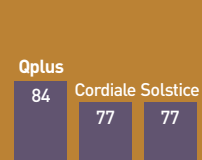
Solstice x Robigus

HIGH YIELD POTENTIAL

TREATED YIELD
Yield (% treated control)



UNTREATED YIELD
Yield (% treated control)



Qplus has shown a high yield potential in HGCA RL trials, similar to Solstice when fungicide treated and 7% above without treatment.

AGRONOMIC CHARACTERS

	QPLUS	Cordiale	Solstice
Resistance to Lodging (with PGR)	9	9	9
Straw Height (cm) Untreated	91	82	96
Ripening (days +/- Claire, + = Late)	+2	-2	+1
Resistance to Sprouting	(6)	6	7

() = Limited data

Qplus is a relatively long strawed variety with excellent resistance to lodging when PGR treated. It has similar maturity to Solstice and good resistance to sprouting.


GOOD ALL-ROUND DISEASE RESISTANCE

	QPLUS	Cordiale	Solstice
Mildew	6	6	5
Yellow Rust	9	8	9
Brown Rust	6	3	3
<i>Septoria nodorum</i>	(7)	5	5
<i>Septoria tritici</i>	6	5	5
Eyespot	5	5	5
<i>Fusarium</i> Ear Blight	(5)	6	6
Orange Wheat Blossom Midge	R	-	-

() = Limited data R = Resistant

Qplus has good all-round disease resistance with no major weaknesses and high untreated yields, providing growers with the opportunity for targeted fungicide programmes to reduce growing costs.

MARKET POTENTIAL

	QPLUS	Cordiale	Solstice
nabim Group	2	2	1
 Export Bread	(Y)	Y	Y
Endosperm Texture	Hard	Hard	Hard
Protein Content (%)	12.4	12.4	12.1
Hagberg Falling Number	231	293	263
Specific Weight (kg/hl)	76.9	79.0	77.6
1,000 Grain Weight (g)	(49.1)	44.7	(47.5)
Zeleny Volume	(49.6)	51.4	53.2
Chopin Alveograph W	230	244	193
Chopin Alveograph P/L	0.9	0.7	0.7

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

Qplus is a nabim Group 2 bread-making variety with very good milling characteristics, offering growers the potential for premiums in both the domestic and export markets.