



LG ASTRONOMER

WINTER WHEAT



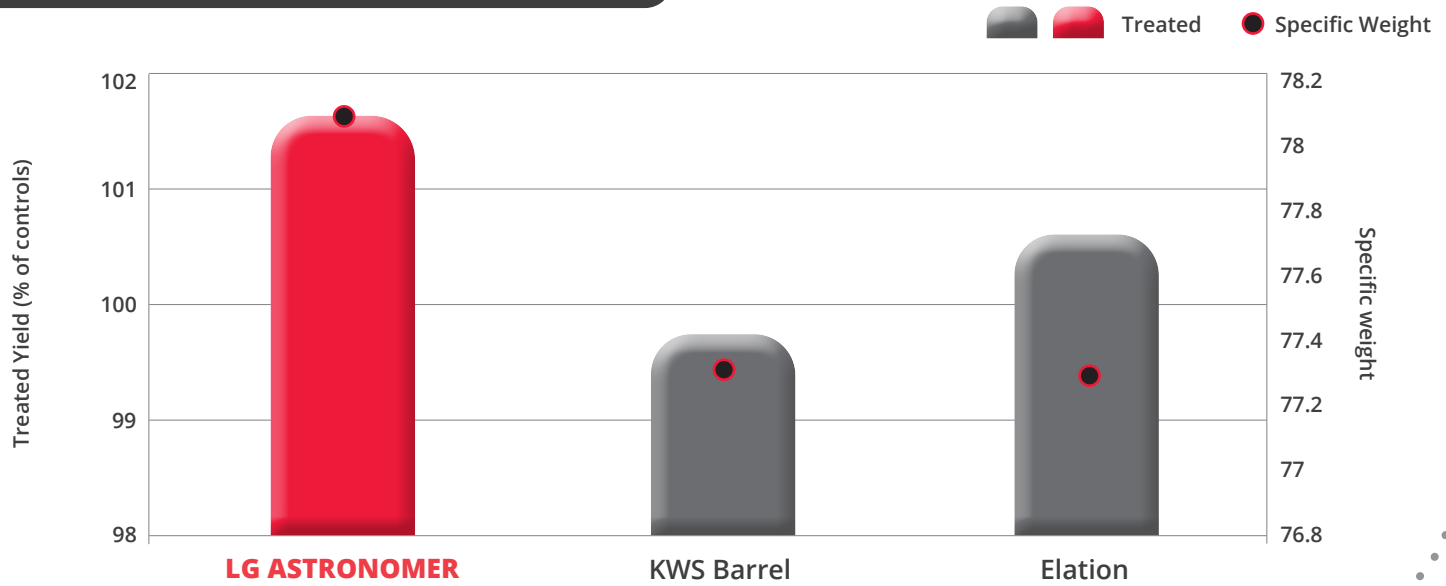
Parentage: (Cougar x Leeds) x Britannia

Breeder's Reference: LGWU 143

Trial Status 2020/21 AHDB Candidate

LG Astronomer is a high yielding soft milling wheat with excellent grain quality and a good disease resistance package. It is rated 9 for both yellow and brown rust and has a high 7.1 score for *Septoria tritici*. LG Astronomer has very high specific weight and may be suitable for the biscuit and distilling markets.

YIELD AND SPECIFIC WEIGHT:



GRAIN QUALITY:

	LG ASTRONOMER	KWS Barrel	Elation
Protein content %	12.04	11.46	11.91
Hagberg falling number	226	239	210
Specific weight (kg/hl)	78.1	77.3	77.3

LG Astronomer has excellent grain quality, offering a very good specific weight combined with biscuit & distilling potential.

DISEASE RESISTANCE:

	LG ASTRONOMER	KWS Barrel	Elation
Mildew	4	7	7
Yellow rust	9	9	9
Brown rust	9	5	6
<i>Septoria tritici</i>	7.1	4.3	4.3
Eyespot	[5]	5	4
OWBM resistance	R	R	R

[] = limited data, R = Resistant

LG Astronomer has a high 7.1 rating for *Septoria tritici*. This high rating offers security to growers, with chemical control for the yield robbing disease becoming increasingly restricted.

LG Astronomer excellent ratings of 9 for both yellow and brown rust.

LG Astronomer is resistant to Orange Wheat Blossom Midge.

Continued overleaf..





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AGRONOMIC DATA:

	LG ASTRONOMER	KWS Barrel	Elation
Height (cm) (Untreated)	90	86	84
Maturity (days +/- Skyfall)	0	+1	0
Lodging % (Untreated)	1	0	1
Lodging % (Treated)	0	0	0

-  LG Astronomer is a longer strawed variety and has shown very good resistance to lodging, even in untreated trials.
-  LG Astronomer is an earlier maturing variety, similar to Elation.
-  LG Astronomer has many of the key agronomic characteristics required by growers to secure high yield potential, with reduced chemistry sets and ever-changing UK weather patterns.

March 2020. Data from AHDB Candidate List 2020/21. On the 1-9 scales, high figures indicate that a variety shows the character to a high degree.



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