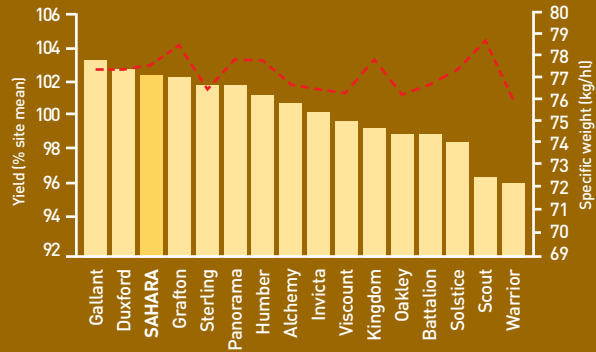


- **Good second wheat**

Masstock Throws farm data supports earlier official results that showed Sahara as a very useful variety to grow in the second wheat situation.

MASSTOCK SMARTFARM TRIAL TIPTREE, ESSEX 2009

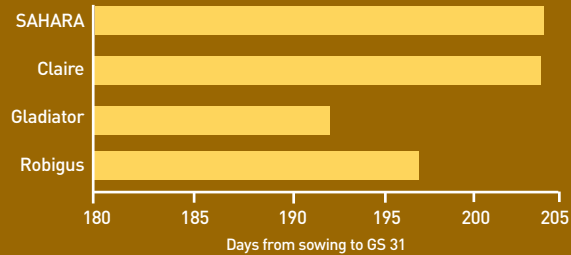


Sahara's mean yield across all the treatments was one of the best in this trial, which was combined with a very high specific weight (--- in the graph above).

- **Suitable for early September sowing**

In Time of Sowing trials at Throws Farm the data suggested that from an early September drilling, Sahara has a relatively slow rate of apical development in the spring and could be drilled from the second week in September onwards.

MASSTOCK ARABLE UK TIME OF SOWING TRIAL



Data from the HGCA Wheat Update 2006 (full data at www.hgca.com) and Masstock Arable UK trials. On the 1-9 scales, high figures indicate that a variety shows the character to a high degree.



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Email: enquiries@nickerson.co.uk

Website: www.nickersonseeds.co.uk/sahara

TECHNICAL AND MARKETING GUIDE

- Very high yielding, hard endosperm feed wheat
- Good all-round disease resistance
- Stiff straw
- Very high specific weight



SUMMARY

Sahara has a very high yield potential both with and without fungicide treatment, combined with stiff straw and good all-round disease resistance. It has excellent grain quality with a high specific weight and Hagberg Falling Number making it suitable for domestic use as animal feed.

BREEDER AND AGENT

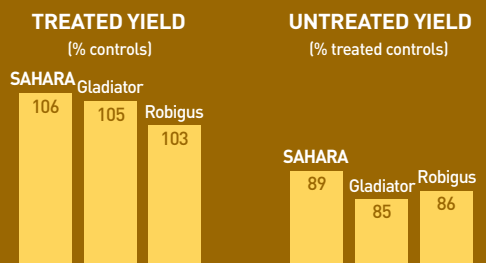
Breeder: Limagrain Nederland BV

Agent: Nickerson

PEDIGREE

Claire x Savannah

VERY HIGH YIELDING



Sahara has a very high treated and untreated yield potential.

REGION, ROTATION AND SOIL TYPE

	SAHARA	Gladiator	Robigus
Treated Yield (% controls)			
HGCA REGION			
North	106	106	102
Dry (East)	105	104	104
Wet (West)	107	106	104
ROTATIONAL POSITION			
First Cereal	105	105	105
Second or More Cereal	107	106	100
SOIL TYPE			
Light Soils	105	105	104
Heavy Soils	106	104	103

Sahara has given high yields in all areas of the UK and performed particularly well as a second wheat and on heavy land.



STIFF STRAW

	SAHARA	Gladiator	Robigus
Straw Height (cm) Untreated	92	83	87
Resistance to Lodging (no PGR)	7	7	7
Resistance to Lodging (with PGR)	9	8	8
Ripening (days) +/- Claire, + = late	+2	0	+1

Sahara has relatively long straw with good lodging resistance when PGR treated. It is later to ripen than Claire and Gladiator.

EXCELLENT YELLOW RUST RESISTANCE

	SAHARA	Gladiator	Robigus
Mildew	6	6	7
Yellow Rust	9	8	3
Brown Rust	6	8	9
<i>Septoria tritici</i>	6	5	6

Sahara has excellent resistance to yellow rust and no weaknesses to the other major foliar diseases.

GRAIN QUALITY

	SAHARA	Gladiator	Robigus
nabim Group	4	4	3
Endosperm Texture	Hard	Hard	Soft
Protein Content (%)	11.1	11.8	11.7
Hagberg Falling Number	222	261	189
Specific Weight (kg/hl)	78.7	77.3	76.5

Sahara is a nabim Group 4 variety with a hard endosperm texture. It has a very high specific weight and good Hagberg Falling Number for its sector.

SOWING DATE

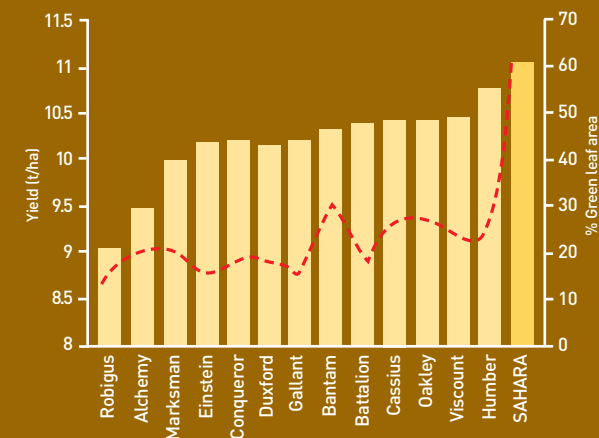
The latest safe sowing date for Sahara is the end of January.

MASSTOCK ARABLE UK LTD RESEARCH AND DEVELOPMENT TRIALS 2008

Sahara has been extensively tested in Masstock agronomy trials which confirm its high potential and versatility. Key findings from the trials are:

- High yield potential**
 In a trial comparing different levels of fungicide input across 14 varieties, Sahara was the top yielding variety in the trial (meaned across all the treatments) with a yield of 10.9 t/ha and the highest specific weight (76.3kg/hl) and Thousand Grain Weight (58.2g).

MASSTOCK ARABLE UK FUNGICIDE COMPARISON 2008



Sahara had the highest percentage green leaf retention score in the trial (— — — in the graph above) and was the variety with the lowest level of *Septoria tritici* when assessed in mid-June, making Sahara very easy to manage.

