

Agrovista  
exclusive

# Sartorial

winter wheat

In its 6th year of commercial availability Sartorial continues to offer growers reliability and consistency. Rapid establishment is its hallmark, best grown as part of a hard feed wheat variety mix which all sensible feed wheat growers employ to reduce risk.

	5 Year treated mean yield					
	2019-2023	2019	2020	2021	2022	2023
SARTORIAL	12.95	13.21	13.07	11.60	13.83	13.03
GLEAM	13.08	13.08	12.37	11.87	14.34	13.73
LG SKYSCRAPER	12.75	12.63	12.36	11.51	14.13	13.14

SOURCE: Independent trials - Agrovista Contracted 2019-2023

## Sartorial

Group 4 Hard

- Excellent establishment capability backed by Agrovista in-house trials has made Sartorial a popular variety with Agrovista growers
- High specific weight, decent Septoria tritici and OWBM resistance builds the package this variety offers
- Santiago parentage plus higher spec weight boosts light land performance while rapid, competitive early season development offers later drilling benefits with challenging seedbeds

Mildew	6
Yellow rust	7
Brown rust	5
Septoria tritici	6.2
Fusarium	-
Resistance to lodging	7
Eyespot	-
OWBM	R
Maturity	-2 -1 0 +1 2

REGION	YIELD
UK	NL data (103)
EAST	(103)
WEST	(103)
NORTH	(104)
Untreated yield	(86)
First cereal	(103)
Second cereal	(103)
Light soils	(103)
Heavy soils	(103)
Spec. weight	77.3

Bracket values give guidance on comparative agronomic values based on commercial observations and Agrovista trial performance.



*Very pleased with establishment and strength of tillers in a very tough year*

**P J Burke**  
Kent

Genetic diversity is the key in today's wheat growing environment with so many varieties carrying similar gene resistance and continued blocking of land to maximise spraying area covered in shortest time.

21st century farming in the UK now sees weather patterns shifting to prolonged periods of deluge followed by drought, rather than the maritime weather we have enjoyed in the past.

Consequently, when a weather pattern favours one disease over another, pressure tends to be high, and protection of the crop is a race against time.

Sartorial offers growers a diverse pedigree of parents which exist in only two other varieties, neither commercially grown on a large scale today – Santiago (also found in RGT Bairstow and LG Skyscraper) while Cachel and KWS Bonham are not found anywhere in the current Recommended List of varieties.

Parentage which is rarely shared with other existing varieties reduces the risk of a sizeable shift in disease resistance over a short period.

This is illustrated in Sartorial's resistance score for yellow rust. Santiago's resistance score increased as the variety neared the end of its commercial presence in the market, while the majority tend to worsen as pressure builds reflective of increased market share. Sartorial's resistance has overall remained static.

## Disease resistance

"I don't think I have ever seen any yellow rust on Sartorial that has worried me" reported David Blance National Trials Manager Agrovista.



Sartorial direct drilled autumn 21 after Spr linseed, heavy clay land Leicestershire



Sartorial right, Skyfall left drilled same day late-autumn

Sartorial has always carried a small level of yellow rust as a seedling, but at adult growth stage this has never amounted to anything significant. Situations do of course change, and it is important to remain vigilant.

Sartorial has moderate resistance to brown rust and septoria, which would be rated at a 5 and 6 respectively.

## Early vigour

Sartorial is recognised throughout the Agrovista agronomy team for its rapid establishment and strong autumn vigour. Repeatedly across varying soil types and drilling situations it can build leaf cover rapidly relative to other higher-profile varieties, including hybrids.

Variety	% Establishment				Mean establishment %
Group 4 (Hard)	Framlingham Suffolk	Balne Yorks	Draughton Leics	Kelso Scottish Borders	
SARTORIAL	64	69.4	89.4	88.3	77.8
HYCLICK (Hybrid)	66	60.8	91.3		72.7
COSTELLO	55.8	64.4	75.5		65.2
GRAHAM	58.3	60.6	70	70.4	64.8
GLEAM	56.5	50.5	70.8	66.3	61

SOURCE: AgX trials autumn 2018

## AgX Balne 2020 harvest

Drilled: 30 October @ 375 seeds/m<sup>2</sup> Balne, Doncaster % Crop establishment on 4 December



Variety	Type	Seed treatment	% crop establishment
SARTORIAL	Group 4	Redigo Pro	23.2
CRUSOE	Group 1	Redigo Pro GPA	12.7
KWS ZYATT	Group 1	Redigo Pro	13.3
SKYFALL	Group 1	Redigo Pro	14.2
KWS EXTASE	Group 2	Redigo Pro	7.6
LG SKYSCRAPER	Group 4	Redigo Pro GPA	10.7
COSTELLO	Group 4	-	5.4
GLEAM	Group 4	Vibrance	10.1
GRAHAM	Group 4	Vibrance	6.0
SY INSITOR	Group 4	Vibrance	7.3



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*I find Sartorial an ideal choice to follow maize. Direct drilled at 200kgs/ha (425seeds/m<sup>2</sup>) mid-October into clay loam gives growers reassuring rapid emergence*

**Rob Purvis**

Agrovista Agronomist, South East