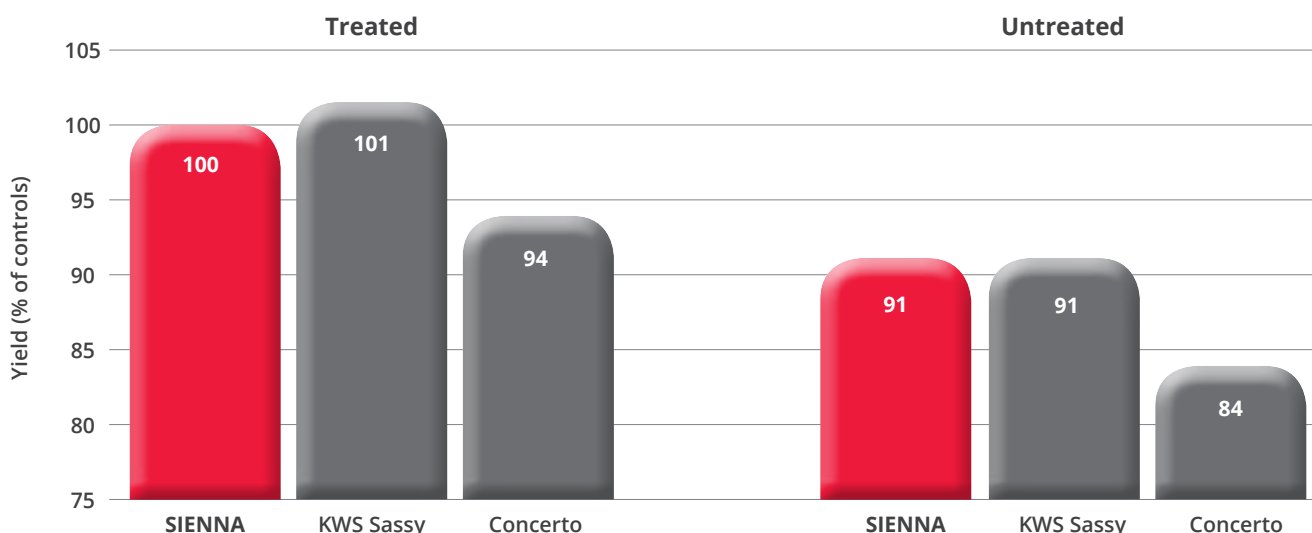




Sienna offers growers the highest specific weight on the AHDB Recommended List; an important attribute for both malt distilling and feed markets. Sienna also offers good agronomic attributes for the important feed market, and is potentially a strong contender to replace some of the older varieties which are lower yielding. The variety also carries Malting Barley committee (MBC) approval for distilling.


UK YIELD POTENTIAL:



-  Sienna has shown itself to be competitive for yield performance across the UK, and particularly in the important livestock regions of the West and North.
-  The variety has also shown very high untreated yields; an attribute required by growers, where delayed timings of fungicide due to additional work pressures on a livestock farm, are common.

AGRONOMIC CHARACTERS:

	SIENNA	KWS Sassy	Concerto
Resistance to Lodging	7	6	7
Straw Height (cm)	77	79	78
Ripening (+/- Concerto)	+1	+1	0
Resistance to Brackling	7	7	8

-  Sienna has many of the agronomic features that have made Westminster a popular variety in the feed barley market. Sienna is taller strawed with very good lodging and brackling resistance. Limagrain data, from several seasons, indicates that Sienna is a high tillering variety, suggesting that it will produce a good straw yield, in addition to high grain yields.



Continued overleaf...

DISEASE RESISTANCE:

() = Limited Data

	SIENNA	KWS Sassy	Concerto
Mildew	(9)	(8)	8
Yellow Rust	(6)	(5)	(8)
Brown Rust	6	5	5
Rhynchosporium	6	6	4



Sienna is a later maturing variety; similar to recent additions on the Recommended List, and offers a good disease resistance package with no obvious weaknesses. This gives growers security in seasons of high disease pressure or when delayed fungicide applications have occurred.



Good agronomic attributes and strong market demand has ensured Sienna's favoured position with growers.

GRAIN QUALITY:

	SIENNA	KWS Sassy	Concerto
Specific Weight (kg/hl)	70.9	68.8	69.3
Screenings % (thro 2.25mm)	1.4	0.9	1.1
Screenings % (thro 2.5mm)	3.2	2.1	2.6
Nitrogen Content (%)	1.49	1.49	1.51
Hot Water Extract	315.6	315.6	315.6



Sienna offers the best specific weight available, combined with low screenings and high hot water extract. Specific weight is important in the malting industry, as it has an economic impact. Malting is a volume based process, with low specific weights causing reduced throughput in the processing plants. Growers with low specific weight parcels will incur penalties if specifications are not met; especially in times of over-production.



The variety is a non-GN producer, which has shown high malt extract and spirit yield in commercial bulks; all traits required by the industry.

January 2019. Data from the AHDB Recommended List 2019/20. On the 1-9 scales, high figures indicate that a variety shows the character to a high degree.