



LG DIABLO

SPRING MALTING BARLEY



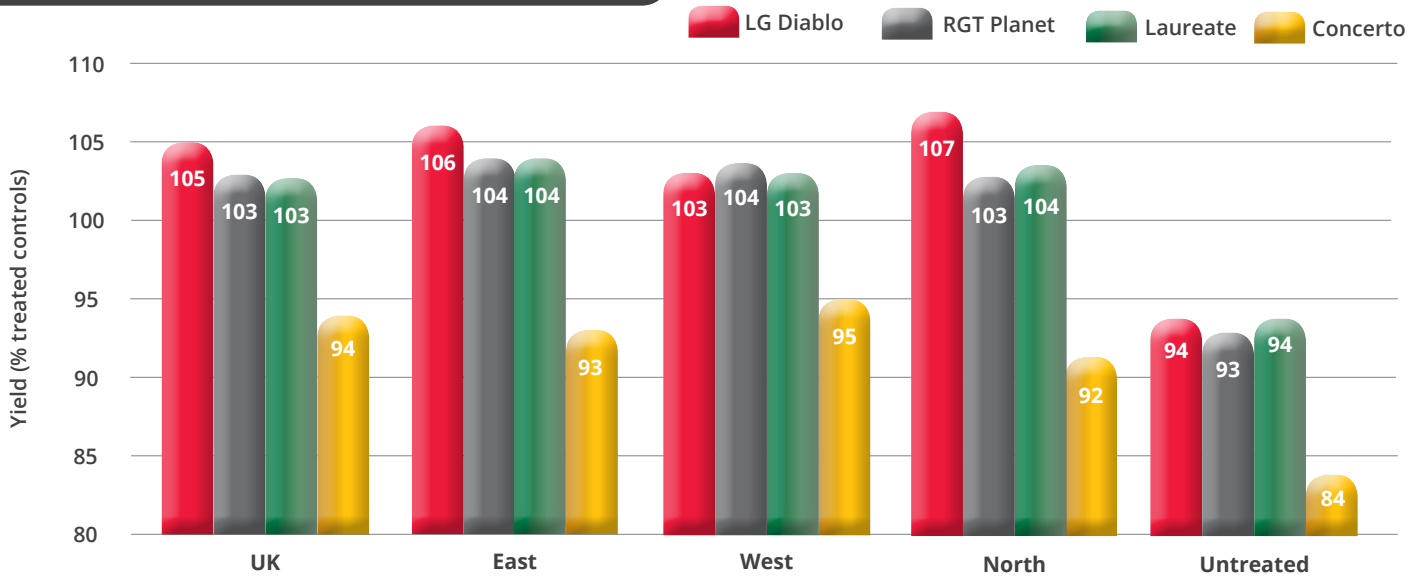
Parentage: Overture x Sanette

Breeder's Reference: LGBU13-1624-A

Trial Status 2019/20: UK Recommendation

LG Diablo is the highest yielding malt distilling variety with provisional approval 2 for brewing. It has a very strong agronomic profile and disease resistance package, leading to LG Diablo having the highest untreated yield on the AHDB Recommended List.

UK YIELD POTENTIAL:



- LG Diablo has outperformed other leading varieties by a significant amount in the key malting barley growing areas across the East and North regions.
- LG Diablo has consistently shown very high yield potential in both treated and untreated Recommended List trials

AGRONOMIC CHARACTERISTICS:

	LG DIABLO	RGT Planet	Laureate	Concerto
Lodging Resistance (no PGR)	7	7	7	7
Height (cm)	73	73	71	78
Ripening (days +/- Concerto)	+1	0	+1	0
Resistance to Brackling	7	8	8	8

- LG Diablo is medium in height with good lodging and brackling resistance.
- LG Diablo is a later maturing variety, giving farmers the opportunity to spread workloads on farm.

Continued overleaf...





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DISEASE RESISTANCE:

() = Limited Data

	LG DIABLO	RGT Planet	Laureate	Concerto
Mildew	(9)	(9)	(8)	8
Yellow Rust	(5)	(5)	(6)	(8)
Brown Rust	5	4	5	5
Rhynchosporium	5	5	6	4



LG Diablo benefits from a very good disease resistance package resulting in the highest untreated grain yield on the AHDB Spring Barley Recommended List.

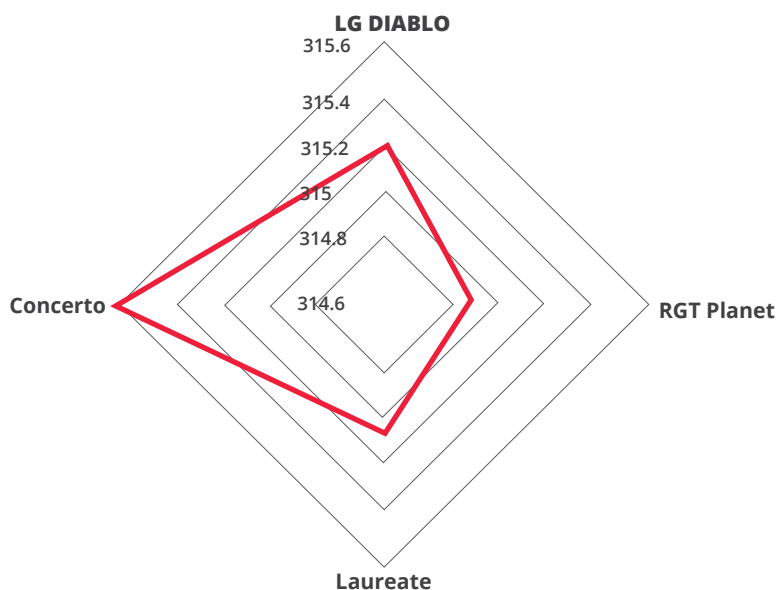
GRAIN QUALITY:

	LG DIABLO	RGT Planet	Laureate	Concerto
Specific Weight (kg/hl)	67.6	68.3	66.8	69.3
Screenings (% 2.25mm)	1.2	1.1	1.3	1.1
Screenings (% 2.5mm)	2.8	3.1	3.0	2.6
Nitrogen Content (%)	1.43	1.45	1.47	1.51
Hot Water Extract (l deg/kg)	315.2	314.9	315.1	315.6



LG Diablo has a very good specific weight, better than Laureate. 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.

Hot Water Extract (l deg/kg)



LG Diablo has a similar hot water extract to Concerto - a trait that helped Concerto to become a benchmark variety.



A high hot water extract is heavily desired by the end user in order for them to achieve higher sugar extraction rates from the malt. This gives the ability to create more alcohol, generating a higher income.

June 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.



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