



LG DIABLO

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LG DIABLO

Pedigree : Sanette x Overture

Agency: Sejet Plant Breeding

- ❖ **Top performing variety in Northern countries**
- ❖ **High Extract yield**
- ❖ **High tillering capacity**
- ❖ **Very good disease package**
- ❖ **NON GN producer**
 - ❖ **Dual purpose for Beer and Whisky-production**
- ❖ **Very high yielding variety at the UK AHDB Recommended List**
- ❖ **No BREXIT issues- Listed in DENMARK December 2018**



LG DIABLO

Yield results in DK



Line	Multipl. Ha	REL YIELD		GRADING	
		2018*	2017	2018	2017
LG DIABLO	45	95	107	99	96
RGT PLANET	8165	98	103	99	96
LAUREATE	1187	99	105	99	95
KWS IRINA	4802	98	99	99	95

* = Only 4 locations instead of 8



LG DIABLO

Yield results in elsewhere

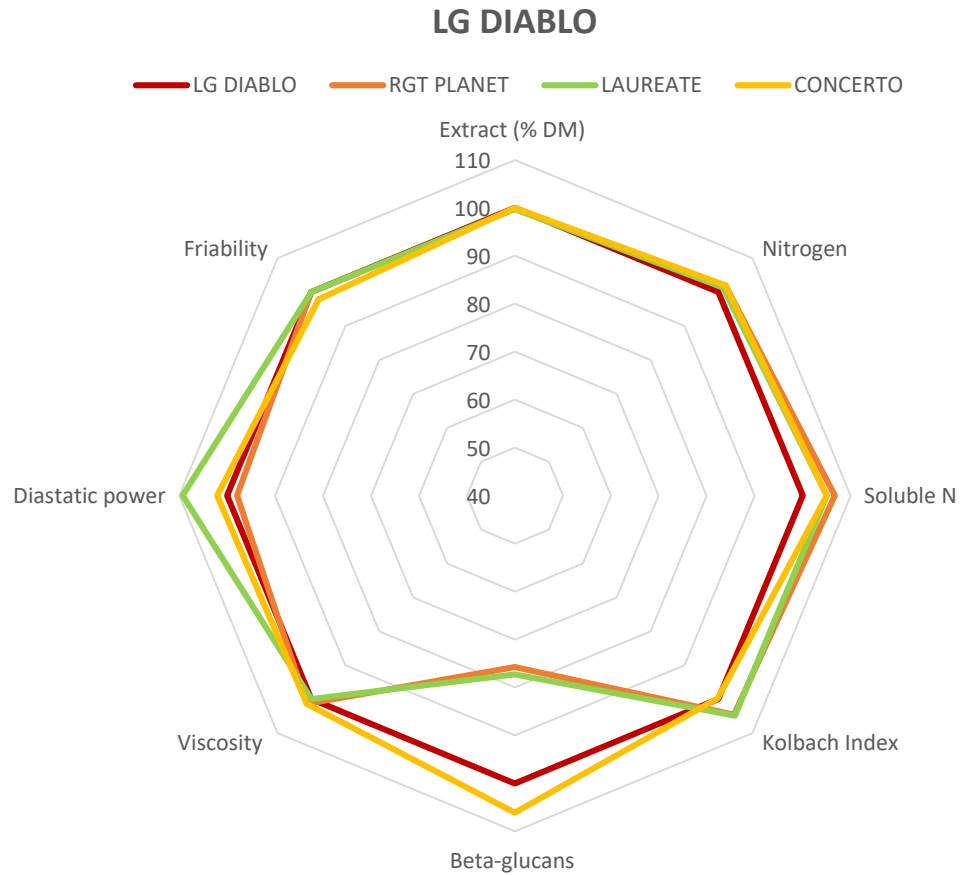


Northern region	ESTONIA	SWEDEN	UK
Line	2018	2018	2018
LG DIABLO	102	102	106
RGT PLANET	98	103	105
LAUREATE		105	104
KWS IRINA	95	101	103



LG DIABLO vs Checks

UK DATA 2015-2017





LG DIABLO

Micro malt Tystofte 2018



2018	Viaskositet	β -glucan	Ekstrakt-udbytte	Protein-indhold	Opløseligt N	Kolbach Index	Friabilitet	Attenuation	FAN
Sort	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG	AVG
KWS Irina	1.86	548	80.4	10.8	616	35.8	72.5	82.7	103
RGT Planet	1.77	383	81	11	668	38.3	75.5	83.3	106
LG Diablo	1.77	476	79.9	10.9	627	36	75.5	83.3	116



Stress test crop 2018

	KWS Irina_45	KWS Irina_43	KWS Irina_41	RGT Planet_45	RGT Planet_43	RGT Planet_41	LG Diablo_45	LG Diablo_43	LG Diablo_41
Extract	4	4	4	4	4	4	4	4	5
Friability	4	4	5	3	4	5	3	4	5
Beta-Glucan	4	5	5	2	4	4	3	4	5
Viscosity	3	4	5	2	4	4	2	3	4
FAN, diff.*	3	5	8	-2	-3	1	1	8	4
Soluble N, diff.*	20	25	45	5	5	30	50	50	45
Kolback, diff.*	1	1	2	-1	0	2	1	2	2
Alpha-Amylase	5	5	4	1	1	3	2	3	4
Beta-Amylase	1	1	1	2	1	2	1	2	2
Limit Dextrinase	3	2	3	2	3	3	4	5	5
Attenuation	2	4	3	2	4	4	2	4	3
Turbidity	1	1	1	4	4	5	2	2	2
Index **	19	23	22	19	25	27	18	24	25
Index mean ***	41			45			43		
<i>Before limit dex. data</i>									
Index **	19	23	22	19	25	27	18	23	25
Index mean ***	41			45			42		



Summary

- LG Diablo has shown a high yield in northern countries
- LG Diablo is developing in UK, DK, Sweden and should develop in Baltics countries too
- LG Diablo is already developing in UK and Full MBC (IBD) approval for dual usage should be published may 2019
- As malting variety LG Diablo offers
 - High extract yield
 - Clear wort
 - High enzymes activity



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