

ALIENOR

AHEAD on earliness

AHEAD on vigour

AHEAD on cost-savings and management

AHEAD on disease resistance

- The Earliest variety at harvest
- Excellent autumn vigour
- Low Biomass
- Highest combined disease resistance of all lines
- Multigene Phoma resistance
- High Light Leaf Spot resistance
- High Oil content
- Early spring vigour ahead of many hybrids

GROW FOR AN EARLY HARVEST TO SPREAD THE WORKLOAD

Growers wanting an early harvest and time to prepare seedbeds for following crops should grow Alienor. Ready 10-14 days before the latest maturing variety in HGCA trials. Why risk a wet harvest?

Large growers wanting to spread the harvest risk should grow Alienor.



Alienor facts and figures

Gross output	102%	Shortness of stem*	7
Treated yield	102%	Earliness of flowering*	8
Oil content	44.4%	Earliness of maturity*	7
Height	147cms	Resistance to Light	
Resistance to lodging*	8	Leaf Spot*	6
Stem stiffness*	8	Resistance to Stem Canker* 7	

*Scale of 1-9 where 9 is the top rating



ALIENOR

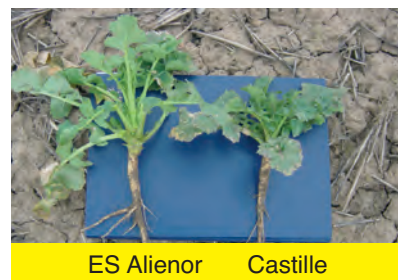
AHEAD on vigour

Alienor shows excellent vigour in the autumn and spring often surpassing that of hybrid varieties. It establishes well and can withstand severe winters and pigeon damage.

Hampshire GAI assessments

	24 Nov	2 March	1 April
Es Alienor	3.34	1.43	3.15
Es Astrid	2.07	1.03	2.74
Es Cubic	3.54	0.98	2.43
DK Cabernet	2.27	0.79	1.77
Castille	2.07	0.85	1.49
Excalibur (RH)	1.97	0.92	2.05

In trials Alienor was much greener and had more growth. The high Green Area Index (GAI) before Christmas was reduced following the harsh winter with a lot of leaf loss on all varieties. Alienor was ½ a GAI ahead of the rest of the varieties. Each unit of GAI equates to 50kg N/ha contained in the crop, so Alienor contains an extra 25kg N. It also had a larger root system enabling the crop to uptake more water and nutrients for growth.



ES Alienor Castille

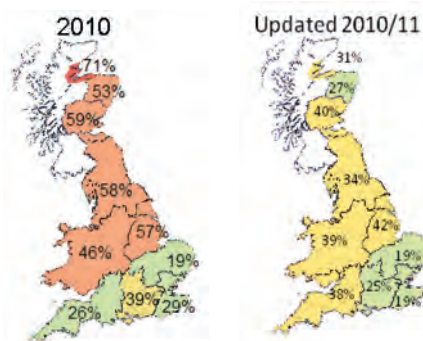
AHEAD on combined disease resistance

ES ALIENOR HIGHER RESISTANCE TO LIGHT LEAF SPOT



HGCA rating 
Es Alienor = 6.2

Es Alienor has a high rating for Light Leaf Spot. This shows in its reduced level of field infections making Es Alienor suitable for all parts of the country.



HGCA Light Leaf Spot Forecast Maps

PHOMA/STEM CANKER – THE MAJOR DISEASE IN OSR AREA



Growers spray at 10% autumn phoma leaf spotting. Yield loss of 0.5-1t/ha is common.

HGCA rating 
Es Alienor = 7.4
+ multigene benefit

Es Alienor has high multigene resistance to known races of Phoma/Stem Canker. In addition Alienor has the advantage of rapid early plant growth which extends the distance the fungus has to grow through the plant to infect the stem base, reducing disease impact.



ALIENOR

AHEAD on cost-savings and management



LOW BIOMASS = IMPROVED WORK RATES

Work by Claas has shown that combines can cut 1.25ha/hour in standing crops compared to 0.75ha/hour in lodged crops.

Quality is also often reduced in lodged crops due to uneven dry down of seed, sprouting and seed loss through shredding.

Alienor has high ratings for Lodging resistance and Stem Stiffness keeping the crop standing.

AHEAD on earliness



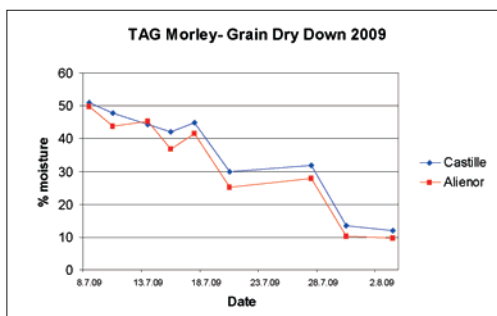
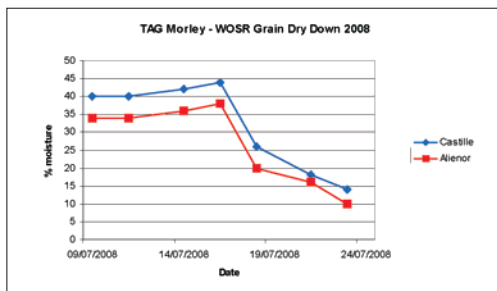
Es Alienor will be harvested and in the barn before other varieties have started harvesting.

- This allows stale seedbeds to control resistance blackgrass and bromes to be practised prior to drilling wheat.
- Allows more time to prepare good seedbeds.
- Optimises drilling time for following crops.

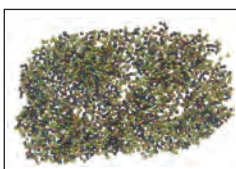
TAG Harvest sampling TAG Morley, Norfolk

Es Alienor was at 9% grain moisture on 23rd July whilst Castille was still at 14% moisture. The good grain maturity of Alienor can be seen on the grain samples taken on the 9th July.

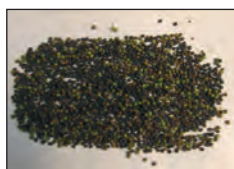
New HGCA recommended varieties like DK Cabernet are one week later to mature than Castille creating a clash with wheat harvest.



Sampled 9 July



Castille



Es Alienor



ALIENOR

Get ahead with Alienor

EASY AND EARLY HARVEST

Low Biomass Alienor reduces pressure on man and machine at harvest and saves costs, in particular diesel.

Es Alienor is 14 days earlier than the latest conventional varieties in trials, ensuring grain is in the barn before first wheats are ready to cut.

REAL VIGOUR AT ESTABLISHMENT AND IN SPRING

Es Alienor has better vigour than many hybrids allowing good plant stands to be achieved before the winter and pigeon attack.

Spring growth is also exceptionally good with a larger plant and higher GAls allowing canopies to be managed for yield.

ROBUST AGRONOMIC VARIETY

Alienor has multigene resistance to Stem Canker giving security of Phoma control in the autumn if lack of spray days prevent application of fungicides.

It has high resistance to Light Leaf Spot, an increasing disease problem across the country.

NIAB TAG Winter Oilseed Rape Trials 2010

	Gross Output %	Yield %	Oil Content %
Es Alienor	102	101	44.3
DK Camella	102	102	43.5
Cash	102	101	43.8
Astrid	98	99	42.2
DK Cabernet	98	98	43.7
Vision	94	95	42.9
Sesame	93	93	43.2
Castille	90	92	42.0

Conventional varieties tested 2010: extract of top yielding varieties



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NIABTAG
National Agronomy Centre

Es Alienor =
highest
performing
conventional
variety in NIAB
TAG trials 2010

