



## IDEAL DISTILLING VARIETY

	APPALOOSA	Optic	Troon
IBD Approval for Distilling	P	F	F
Hot Water Extract (L deg/kg)	312.8	312.8	315.2
Nitrogen Content (%)	1.45	1.55	1.56
Glycosidic Nitrile	LOW	MEDIUM	LOW

P = Provisional approval, F = Full approval

Appaloosa has characteristics that render it highly attractive to the Scottish malt distilling industry, with a similar hot water extract (HWE) to Optic and a low glycosidic nitrile (GN) content. Initial evaluation suggests that Appaloosa accumulates grain nitrogen at a low level, like Optic, and has a lower grain nitrogen content.

Appaloosa has successfully completed micromalting trials and has been added to the IBD list for 2007 in the 'provisionally approved' category.

# appaloosa

SPRING BARLEY



All data is a partial extraction from the HGCA 2007/8 Spring Barley Recommended List. The full Recommended List database can be consulted at [www.hgca.com](http://www.hgca.com)



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## TECHNICAL AND MARKETING GUIDE

- Very high yielding spring malting barley
- Highly suitable for malt distilling
- Good mildew resistance
- Excellent resistance to lodging and brackling
- Provisionally approved by the Institute of Brewing and Distilling for distilling



## SUMMARY

Appaloosa is a very high yielding spring malting variety that has performed especially well in the HGCA Northern and Eastern regions. It has moderately tall, stiff straw and good mildew resistance. Appaloosa's grain quality makes it attractive to the malt distilling industry, particularly because of its very low glycosodic nitrile (GN) content and low grain nitrogen content.

## PEDIGREE

49B113-502 11 x Decanter

## STATUS

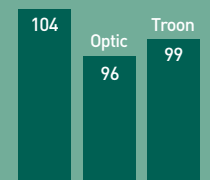
HGCA (UK) and SAC Recommended Lists; Institute of Brewing and Distilling provisional approval for distilling.

## VERY HIGH YIELDING

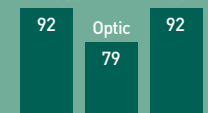
**UK TREATED TRIALS**  
(% mean of treated controls)

**UK UNTREATED TRIALS**  
(% mean of treated controls)

APPALOOSA



APPALOOSA



## REGIONAL TREATED TRIALS

HGCA REGION	APPALOOSA	Optic	Troon
	Yield (% treated controls)		
NORTH EAST	105	97	98
NORTH WEST	104	95	98
EAST	105	96	102
WEST	100	97	101

Appaloosa has produced excellent treated yields in the HGCA Northern and Eastern regions, superior to Optic and Troon. In non fungicide treated UK trials its performance is similar to Troon.

## EXCELLENT RESISTANCE TO LODGING & BRACKLING

	APPALOOSA	Optic	Troon
Resistance to Lodging	9	8	8
Resistance to Brackling	8	5	7
Straw Height (cm) Untreated	70	72	70
Ripening (days +/- Optic)	0	0	-1

Appaloosa has similar length straw to Optic with very good lodging (9) and brackling (8) resistance.

## GOOD DISEASE RESISTANCE

	APPALOOSA	Optic	Troon
<b>RESISTANCE TO:</b>			
Mildew	8	5	9
Yellow Rust	8	9	8
Brown Rust	5	5	5
<i>Rhynchosporium</i>	4	4	4

Appaloosa has a good disease resistance profile with excellent resistance to mildew and yellow rust and similar *Rhynchosporium* resistance to Optic. In Scottish trials it has shown a very high degree of resistance to *Ramularia* (8) and good resistance to abiotic leaf spotting.

## GOOD GRAIN QUALITY

	APPALOOSA	Optic	Troon
Specific Weight (Kg/hl)	68.7	70.4	69.7
Screenings (% through 2.25mm sieve)	3.3	3.0	2.0
Screenings (% through 2.5mm sieve)	10.4	10.3	6.0

Appaloosa produces grain with a good specific weight and similar screening levels to Optic.