



Aber High Sugar Grass



The Aber HSG Phenomenon

Aber HSG (High Sugar Grass) varieties are the result of several decades of focused research, field trials and animal performance testing at the Institute of Grassland and Environmental Research (IGER). Since the outset, this plant breeding work has recognised the potential benefits of higher quality forage, and the resulting new varieties are ideally suited to the current and future requirements of British livestock farmers.

Since the launch of the first Aber HSG variety AberDart, a number of other perennial ryegrasses including AberAvon, AberZest, AberStar and now AberMagic, and also AberHybrids such as AberEcho and AberEve, have been introduced to the market and made available most notably through the AberHSG premium mixtures range.

Launched in 2008, the latest intermediate diploid perennial high sugar ryegrass AberMagic offers another significant step forward in quality and productivity, and is clear evidence of the continued breeding progress being made at IGER. AberMagic is widely available in herbage mixtures supplied by British Seed Houses.



More milk from AberHSG

In recent zero grazing trials with Perennial Ryegrasses, the average milk yield from cows fed AberHSG grass increased by 2.3kg/day in early lactation and 2.7kg/day in late lactation, with no detriment to milk quality (IGER, Aberystwyth, 2000).

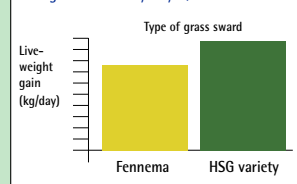
More beef from AberHSG

Beef cattle grazing AberHSG swards recorded 20% higher liveweight gains than cattle grazing a recommended control variety. (IGER, Aberystwyth, 2000).

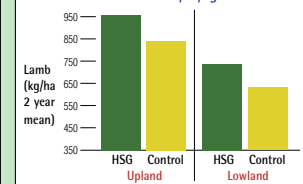
More lamb from AberHSG

Studies on upland and lowland IGER research farms showed that the inclusion of AberHSG Ryegrasses resulted in significantly higher lamb growth rates.

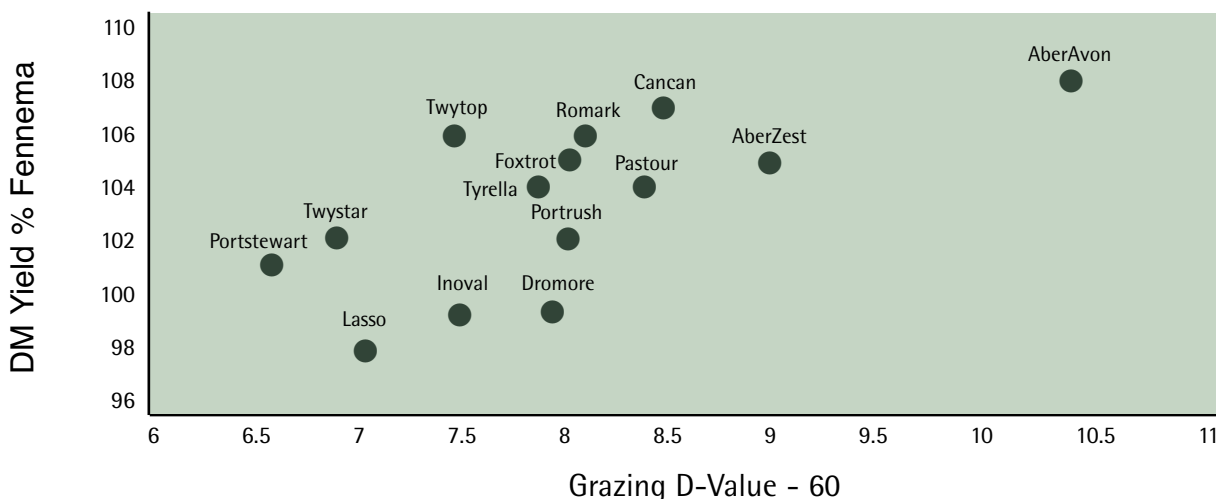
Performance of Charolais cross steers in grazing trials at Aberystwyth, Summer 2000



Lamb production comparing High Sugar Grass with an ordinary Ryegrass



NIAB Late Diploid Grazing Yield x Grazing Yield D-Value 2008/9





Late Heading Perennial Ryegrasses



AberAvon HSG®

The market leading late diploid variety, AberAvon is head and shoulders above other late diploid perennial ryegrass varieties on the latest HGV/NIAB Recommended List, achieving the highest scores for grazing yield (10.78 T/DM/ha), silage yield (15.04 T/DM/ha), the highest score for grazing and aftermath D-value (70.3 and 69.3 respectively) and the best all-round resistance to the major diseases.

AberAvon is a member of the Aber High Sugar Grass stable and has shown to have levels of sugar higher than the benchmark variety AberDart. In grazing evaluation trials at Kingshay, AberAvon is always one of the most preferentially grazed varieties.



AberZest HSG®

Without doubt AberZest and its sister variety AberAvon are significantly above all the other grazing varieties on the HGV/NIAB RL. AberZest scores second only to AberAvon for grazing D-value and has the highest late autumn growth. AberZest is one of the Aber High Sugar Grass varieties.

AberMagic HSG®, AberAvon HSG®, AberDart HSG®, AberEcho HSG®, AberEve HSG®, AberStar HSG® and AberZest HSG® are all Registered Trademarks of Germinal Holdings Ltd.

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