



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).

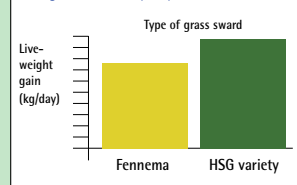
More beef from AberHSG

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

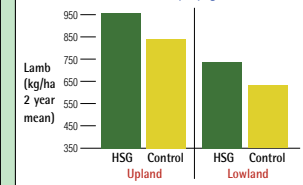
More lamb from AberHSG

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

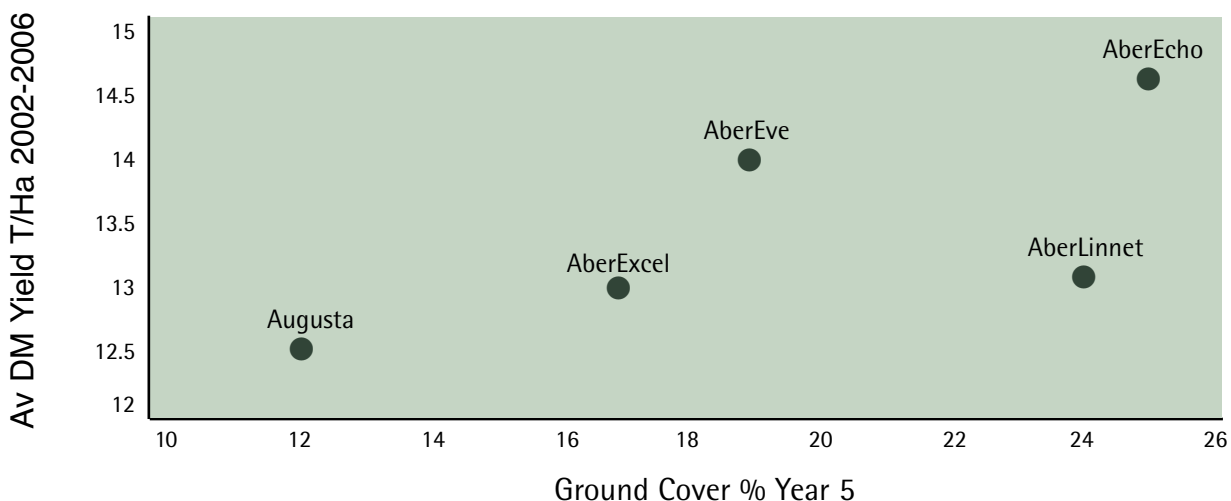
Performance of Charolais cross steers in grazing trials at Aberystwyth, Summer 2000



Lamb production comparing High Sugar Grass with an ordinary Ryegrass



Performance of AberHybrids in IGER Long Term Trial 2002-2006





AberHybrid Ryegrasses



AberEcho HSG®

The AberHybrid AberEcho has been shown in IGER trials to have the highest level of sugar of any variety tested. On the HGV/NIAB list it is the highest yielding variety at 107% of control with very good D-values and ground cover scores. It also has the highest conservation yield in both of the first two years' harvests and very good resistance to the major diseases.



AberEve HSG®

The latest AberHybrid variety shows exceptional yields on the HGV/NIAB RL of 102%, coupled with one of the best aftermath D-value scores. AberEve has good ground cover and is one of the most persistent varieties. It has very good resistance to all the major diseases including crown rust. It also has the highest yield in the year of sowing (109%).

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

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