



# 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).

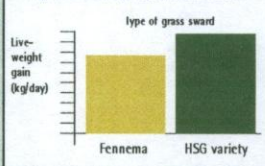
### More beef from AberHSG

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

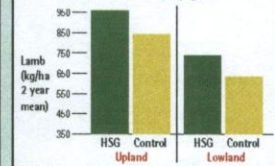
### More lamb from AberHSG

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

