

GROWERS HI-DRI

Quality Products for Farmers

A biological inoculant with natural microbial inhibitor for high dry matter and big bale silage

Growers Hi-Dri is specially formulated to improve the quality of high dry matter and big bale grass silage and reduce the risk of aerobic spoilage.

Wilting for High Dry Matter

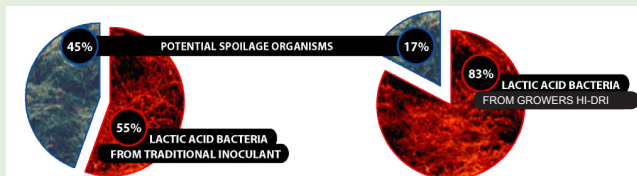
Wilting for 12 hours or more has become standard practice to reach higher dry matters. However, longer wilting results in the proliferation of spoilage organisms, such as coliforms, leading to the loss of valuable nutrients. This means that a highly concentrated inoculant is now essential to out-compete very high levels of spoilage organisms and reduce pH as quickly as possible.

Highly Concentrated Formulation

As well as delivering a highly concentrated level of *Lactobacillus plantarum* bacteria, **Growers Hi-Dri** also contains the natural microbial inhibitor found in garlic, Alliin. They work together to out-compete the higher levels of spoilage organisms present on wilted grass, consistently dominating fermentation within the first 24 hours. **Growers Hi-Dri** will reduce the pH quickly, stabilising the silage and minimising the loss of valuable nutrients, such as protein and energy and maintain a cool silage.

Total Domination of the Clamp in 24 hours

DOMINATION OF BACTERIAL POPULATION 17 HOURS AFTER INOCULATION
COMPARING A TRADITIONAL ADDITIVE WITH GROWERS HI-DRI TREATMENT



TRADITIONAL ADDITIVE

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After ensiling for 17 hours, **Growers Hi-Dri** controlled the fermentation - 83% of the organisms present were lactic acid bacteria from **Growers Hi-Dri**, compared to only 55% when traditional additive was used - leading to a faster, more effective fermentation.

Improves Aerobic Stability

The graph opposite shows the results of work carried out at CEDAR. Again **Growers Hi-Dri** resulted in a more stable fermentation than untreated silage, with reduced heating, lower ammonia-N levels, higher lactic acid concentrations and significantly improved aerobic stability at feedout.

Growers Hi-Dri's unique formulation has been consistently shown to overcome the problems associated with aerobic stability, as well as producing a faster and more stable fermentation.

