



NUTRONOMY

~ SOLUTIONS FOR SUCCESS ~

P.O. Box 229 ♦ 339 Frederick Road ♦ Roaring Spring, PA 16673 ♦ 814.793.2113 ♦ 800.346.3649 ♦ www.rennut.com

SUCRASEED

**High Sugar Grass Forage for Grazing, Baling & Ensiling
A Blend of Specially-Bred Grasses to Maximize Sugar Content**



SUCRASEED is a blend of high-sugar grasses grown to maximize the sugar content available to livestock, whether grazing, baled or ensiled as haylage. Research studies in the UK, as well as Europe and more recently in the USA have documented the benefits of this forage source in rations, with specific grasses being included within mixtures that are targeted for dairy cows, beef cows, sheep and goats, etc.



High sugar grasses have been around for nearly 20 years and are widely used in many parts of the world. Now, these same grasses are available to US producers. These mixtures are designed to help increase dairy milk yield and livestock growth while reducing environmental pollution. Multiple trial studies have demonstrated measurable increases in livestock performance, including up to 6% more milk for grazing cows, increased dry matter intakes per head/day (up to 4.41 lbs), as well as improvement in live weight gains in beef cattle and lambs.

Research has shown that these grasses contain high levels of water soluble carbohydrates, which are responsible for the noted increases in milk, live weight gains and improved dry matter intake. The sugars, by providing added energy to microbes in the animals' rumen, allow the

animal to digest more of the protein that they take in. As a result, more grass protein is converted to milk and meat, and less is excreted as unused nitrogen into the soil.

In addition to the outstanding nutritional contribution this product can make, it also offers critical environmental benefits by decreasing waste nitrogen that may contaminate both soil and ground water. With the increased interest and legislation surrounding issues of nutrient management, this becomes even more important. In studies conducted in Europe and New Zealand, nitrogen-related pollution was shown to be as much as 24% over similar and previously grown products. These high sugar grass varieties have been developed by the Institute of Grassland and Environmental Research, located in the UK, using traditional breeding methods and are ideal to plant in any location.

Ongoing research is showing that the higher levels of water soluble carbohydrates in **SUCRASEED** can lead to a higher feed value silage, particularly where an effective inoculant has been used to encourage efficient fermentation. An effective inoculant, such as the BIOTAL Buchneri 40788, Buchneri 500 or Plus II will promote a more rapid and efficient fermentation, which will reduce the pH quickly and maximize the amount of sugar retained in the silage.

Consider **SUCRASEED** as an excellent forage alternative that can offer dairy, beef and small animal producers many nutritional and environmental benefits!

For additional information regarding **SUCRASEED** contact the Renaissance Agronomy office. This product is excellent to seed from spring until early fall and may be used in grazing systems, baled for hay, or ensiled for winter feedout.

This information is edited from an article in AGRICULTURE TODAY, as well as numerous research articles.

For additional information on SUCRASEED products, alfalfa, grasses and other seed products, as well as research-tested preservatives and inoculants, and other agronomic information contact the Renaissance Agronomy Office at 1-800-346-3649.