

USES

PASTURE

Strong seedling vigor, high yield, and high quality make Enhancer valuable for temporary pastures. Its aggressive tillering makes it desirable as a component in cool-season permanent pasture mixes for quick cover.

HAY AND SILAGE

Enhancer's improved yields make it popular for additional feed when short hay supplies are expected.

MANURE BUSTER

Enhancer is high yielding with high growth rates, and is able to absorb large amounts of nitrogen from manure application. Nitrogen toxicity can be a problem in heavily fertilized ryegrass, therefore a forage analysis is recommended prior to feeding grasses fertilized with lagoon water.

COVER CROP

Enhancer is quick to establish and can be used alone or as a component in mixtures where it provides rapid cover. The extensive root system of Enhancer makes it an effective catch crop for nitrogen and can help break up compacted soils. It offers many benefits including erosion control, improvement of aggregate stability, and increased organic matter to the soil profile. It can also be used as a nurse crop with fall-planted legumes such as clover.

WILDLIFE

Enhancer Italian ryegrass is an excellent wildlife feed. It's forage provides high-quality grazing and a quick source of energy for ducks, wild turkeys, rabbits, deer, and elk.

SUITABLE FOR



DAIRY AND BEEF CATTLE



WILD LIFE



SHEEP AND GOATS



PASTURE



HAY



SILAGE



COVER CROP

Distributed By:



- High Sugar Grass (HSG)
- Great digestibility
- Crown rust resistance
- Superior tillering
- Improved dry down





DEFINED

Enhancer was developed for lower moisture content in its foliage and for increased levels of water soluble carbohydrates (sugars). As a result it is able to offer improved performance in dry conditions due to its lower water requirements. The lower moisture and high water soluble carbohydrate levels also benefit the animals that feed on it. By lowering the moisture levels, the animals are able to ingest more plant material and the increased sugars provide the rumen with additional energy allowing the animal to convert more of the plant protein into meat and milk.



ECONOMIC VALUE

WHAT'S IN A NAME? ITALIAN VS. WESTERWOLD

There are two types of annual ryegrass (*Lolium multiflorum*), 'Westerwold' and 'Italian'. Westerwold types tend to establish quickly and produce a high-yielding first cut. Westerwold ryegrasses do not require exposure to cold temperatures to go reproductive. As a result, forage quality will decline in subsequent harvests as the plant tries to produce seed. Due to this behavior, Westerwold ryegrasses are considered short-lived annuals.

Italian ryegrass requires exposure to cold temperatures before it goes reproductive. As a result, an Italian ryegrass planted in the late spring/ early summer can over-winter and produce early season production the following year. Due to this behavior, Italian ryegrasses are considered long-lived annuals.

INTER-SEEDING THIN ALFALFA STANDS

When alfalfa stands begin to age and thin, drill 15-30 lbs of Enhancer into the field. Harvest or graze into early winter and leave 3-4 inches of stubble to assure better plant survival in the following spring.

INCREASED MILK PRODUCTION

In a study conducted by the Department of Agriculture Western Cape, Outeniqua Research Farm in South Africa, dairy cattle fed Enhancer increased DM intake by 2.42 lbs/day and 1.94 lbs/day compared to the control variety during the years 2001 and 2002 respectively. The cattle fed Enhancer also experienced an increase in milk production (558/lbs/ac and 1788 lbs/ac).



PLANTING GUIDE

SEEDING RATE ALONE/ ACRE	35–40 lbs
SEEDING RATE IN MIX/ ACRE	10–15 bs
SEEDING DEPTH	1/8–1/2in
DAYS TO GERMINATE	5–7
AVERAGE SEEDS PER LB	230,000
EASE OF ESTABLISHMENT	Excellent
LIFE CYCLE	Long-lived Annual

AGRONOMIC TRAITS

FORAGE YIELD	Excellent
FORAGE QUALITY	Excellent
MATURITY	Medium
PERSISTENCE	Excellent
PALATABILITY	Excellent (HSG*)
GROWTH HABIT	Bunch
DROUGHT TOLERANCE	Good
MOISTURE TOLERANCE	Good
HAY	Excellent
SILAGE	Excellent
PASTURE	Excellent
GROWTH	Spring–Fall

* HSG= High Sugar Grass

