



DEFINED

Lonestar annual ryegrass exhibits rapid establishment, improved seedling vigor, and tillering. Selected for quick regrowth after cutting and high forage yields, Lonestar is ideally suited for managed, intensive grazing operations. Lonestar has shown to have excellent resistance to foliar diseases that can impact forage quality and persistence, such as rust and ryegrass blast.



ECONOMIC VALUE

Approximately 2.5 million acres of annual ryegrass pastures are planted in the southeastern USA. With about 52% of beef cow herds located southeastern states, sustainable, high quality forage for pasture, hay, and/or silage are necessary for the economic survival of these related industries. Lonestar annual ryegrass forage value can be estimated by multiplying an average yield (9243 DM/Ac/yr or 4.6 tons/ac) by the estimated value of each ton of dry matter (\$150 per ton). This yields an estimated value of \$690/ac. That's over \$240/ac more profit over Jackson.

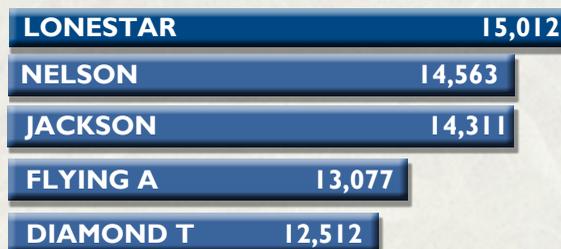
MISSISSIPPI STATE UNIVERSITY, POPLARVILLE: RYEGRASS FORAGE PERFORMANCE, 2015 – 2016

2-year Average Dry Matter Yield (lbs/acre)



GRIFFIN, GEORGIA: RYEGRASS FORAGE PERFORMANCE, 2013 – 2014

2-year Average Dry Matter Yield (lbs/acre)



PLANTING GUIDE

SEEDING RATE ALONE/ ACRE	30–40 lbs
SEEDING RATE IN MIX/ ACRE	10–30 bs
SEEDING DEPTH	1/8–1/2in
DAYS TO GERMINATE	5–7
AVERAGE SEEDS PER LB	160,000
EASE OF ESTABLISHMENT	Excellent
LIFE CYCLE	Annual

AGRONOMIC TRAITS

FORAGE YIELD	Excellent
FORAGE QUALITY	Excellent
MATURITY	Medium
PERSISTENCE	Excellent
PALATABILITY	Excellent
GROWTH HABIT	Bunch
DROUGHT TOLERANCE	Good
MOISTURE TOLERANCE	Good
HAY	Excellent
SILAGE	Excellent
PASTURE	Excellent
GROWTH	Spring–Winter



USES

PASTURE

Lonestar produces high quality temporary pasture. Its strong seedling vigor, high yield, and high quality also make it desirable when mixed with clover.

HAY AND SILAGE

The high production capacity of this grass makes it popular for additional feed when short hay supplies are expected.

MANURE BUSTER

Lonestar 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

The extensive root system of Lonestar makes it an effective catch crop for nitrogen and can help break up compacted soils. It offers many benefits including erosion control and improvement of aggregate stability and adds organic matter to the soil profile. It can also be used as a nurse crop with fall-planted legumes such as clover.

WILDLIFE

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

SUITABLE FOR



DAIRY AND BEEF CATTLE



COVER CROP



SHEEP AND GOATS



PASTURE



HAY



WILD LIFE



SILAGE

Distributed By:



- Improved cold tolerance
- Improved rust resistance
- Great seedling vigor
- Quick establishment
- Excellent digestibility
- High-yielding
- Ideal for grazing

