



## DEFINED

Albion tetraploid perennial ryegrass offers excellent performance in areas that experience drought and high humidity. While ryegrasses are not typically known for handling drought, Albion has shown notable success. It produces plentiful, high-quality forage long after other grasses have wilted and gone dormant.



## ECONOMIC VALUE

Emerald Dairies, which is on 880 acres, has close to 1100 dairy cattle in Southwest Missouri.

“We first planted Albion in fall 2009. Since then, we have measured its performance and increased our plantings so that 35% of our ground is in Albion and we see this will increase in the future. Albion is a late tetraploid perennial ryegrass that is really suiting our system. The combination of high-quality forage in early spring and summer drives our early lactation yields in our spring calving herds. It’s extremely summer hardy, which suits Missouri, and summer hardiness is certainly linked to its winter survivability. In comparison to other varieties and forages grown on our farm, Albion has out-yielded other permanent grasses by 22% in 2011 and 16% in 2012. The cows love it, and we see no refusal of this forage, even at high pre-grazing yields with some seed head forming. We have not had a test below 25% protein to date, and recovery of the swards even after the 2012 drought has been surprisingly good.” G. Nolan

## PLANTING GUIDE

<b>SEEDING RATE ALONE/ ACRE</b>	25–30 lbs
<b>SEEDING RATE IN MIX/ ACRE</b>	10–15 lbs
<b>SEEDING DEPTH</b>	1/8–1/2in
<b>DAYS TO GERMINATE</b>	5–7
<b>AVERAGE SEEDS PER LB</b>	250,000
<b>EASE OF ESTABLISHMENT</b>	Excellent
<b>LIFE CYCLE</b>	Perennial

## AGRONOMIC TRAITS

<b>FORAGE YIELD</b>	Excellent
<b>FORAGE QUALITY</b>	Excellent
<b>MATURITY</b>	Late
<b>PERSISTENCE</b>	Excellent
<b>PALATABILITY</b>	Excellent
<b>GROWTH HABIT</b>	Bunch
<b>DROUGHT TOLERANCE</b>	Excellent
<b>MOISTURE TOLERANCE</b>	Good
<b>HAY</b>	Excellent
<b>SILAGE</b>	Excellent
<b>PASTURE</b>	Excellent
<b>GROWTH</b>	Spring–Fall





## USES

### PASTURE

Albion tetraploid perennial ryegrass is suitable for all classes of livestock, especially those with high nutrient requirements such as young, growing animals. Its improved drought tolerance can extend the grazing season substantially.

### HAY AND SILAGE

Albion is well suited for both hay and silage. For optimal performance Albion should be cut in the boot stage prior to seed head formation.

### MANURE BUSTER

Albion 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

Albion 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 Albion 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

Albion tetraploid perennial 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**



**SHEEP AND GOATS**



**WILD LIFE**



**PASTURE**



**HAY**



**COVER CROP**



**SILAGE**

**Distributed By:**



- Excellent drought tolerance
- Superior yield
- Highly palatable
- Very nutritious
- Great performance in pasture
- Suitable for silage
- Superior disease resistance
- Excellent seedling vigor

