



KEY FEATURES

- ✓ Cold Hardy
- ✓ Disease Resistant
- ✓ High Yielding
- ✓ Medium Maturity

BRED FOR COLD TOLERANCE

FrostProof is an exciting new release that is the result of an extensive collaborative multi-location breeding process to create a more cold-tolerant high-yielding diploid annual ryegrass. Breeding work was conducted in Florida, Nebraska, Oklahoma, and North Carolina. FrostProof has been evaluated extensively for over ten years before being released.

IDEAL FOR BOTH THE NORTH AND THE SOUTH

SOUTHERN SUCCESS Southerners need ryegrass that can perform well under grazing and also be resistant to cold snaps and disease. During the winter of 2016-17, North-Central Florida experienced nine separate freezing events with the coldest temperature of 25F on March 16, followed by a high temperature of 88F on March 22 and 92.5F on April 2. Crown rust was also a significant disease that "became epidemic" by early March. FrostProof's ability to resist crown rust gave it the ability to continue to produce high yields. Even under these tough conditions, FrostProof was one of the highest performing entries with excellent early season yields, as well as overall forage yields. Detailed trial results available at FrostProofRyegrass.com.

NORTHERN HARDINESS FrostProof has been tested in multiple northern locations for use as a short-term spring forage crop and as a cover crop. Data from Ohio shows that FrostProof is very cold tolerant, while data from Kentucky indicates FrostProof has high forage yield potential. Detailed trial results available at FrostProofRyegrass.com.

MULTI-PURPOSE FrostProof is a versatile forage with many applications. Here are ways you can use FrostProof:

- **Grazing** Graze it with all livestock species. FrostProof is a great option for both rotational grazed and continuous grazed pastures. If possible, always choose rotational grazing practices.
- **Hay and Silage** Looking for a single-cut harvest? No problem. Bale it, roll it, wrap it, or chop it. Then feed it as needed. Good cold and disease resistance equals more quality feed in the bag.
- **Wildlife** Draw in the big racks or grow the herd for next year. FrostProof comes up quick and is super-sweet.
- **Cover Crop** Need a cover crop to go through winter? FrostProof is up for the challenge. Grab that excess nitrogen, break up your hard soil, and build the carbon bank. High tonnage means lots of biomass. Use by itself or as part of a multi-species mixture.

PLANTING AND FERTILIZING

When to Plant

FrostProof may be planted throughout the year, depending on location. However, maximum utilization will be obtained by planting in the fall as soon as adequate moisture is available. If planted at other times of the year, performance will be limited.

Prior to Planting

For optimal performance, prior to planting, obtain a soil test. Amend soil according to recommendations and fertilize after planting according to recommendations and use.

Seeding Rate

New Pastures: 25–35 lbs/ac
Overseeding: 10–15 lbs/ac
In mixes: Reduce rate to obtain desired final stand percentage

How to Plant

FrostProof can be drilled or broadcast into either a prepared seedbed or an existing sod bed. For prepared seedbed, lightly disc and pack well. For existing sod bed, reduce existing sod height as much as possible.

Fertilization

Application of fertilizer (following soil test recommendations) throughout the growing season and/or use of legumes will provide maximum forage tonnage and root growth.

Other Information

Planting Depth 1/8"-1/2"
Optimal pH Range 6.0–7.0
Germination 5–10 days

Trial results and more information available at FrostProofRyegrass.com