



BRUISER

ANNUAL RYEGRASS

Developed through extensive efforts by Dr. Gordon Prine (University of Florida) in conjunction with Dr. Jerry Baker (the Noble Foundation) **BRUISER** was selected through a six cycle breeding program for disease resistance and cold tolerance. **BRUISER** is a late maturing, widely adapted diploid annual ryegrass with the added benefits of disease resistance to crown rust resistant, some gray leaf spot resistance as well as helminthosporium leaf spot resistance, and it is tolerant to cold temperatures.

Notable Characteristics

- EXCELLENT COLD TOLERANCE
- LATE Maturity
- High Feed Quality
- Diploid Annual Ryegrass
- Bred for Crown Rust Resistance
- Excellent Palatability/Digestibility
- Easy Establishment

Scottsbluff, NE 2003-2004 Growing Season COLD TOLERANCE

Ryegrass entry	Cold damage rating* 5/14/04	% Surviving Plants 3/25/04
Stockaid	4.2 ab	94.0 ab
Marshall	4.0 abc	77.4 a-g
BRUISER	3.8 abcd	79.4 a-f
Surrey II	3.4 bcde	75.0 a-g
Brigadier	3.2 cde	69.2 b-g
Gulf	3.0 def	61.0 e-i
Jumbo	1.4 h	16.2 k

*Cold damage rating: 0 = no living plants, 100% damage; 5 = all plants surviving, no damage

DRY MATTER FORAGE YIELD, SOUTH CHARLESTON, OHIO SOWN SEPTEMBER 9, 2005

Variety	11-21-05 Pounds per acre	5-8-06 Pounds per acre	6-14-06 Pounds per acre	7-26-06 Pounds per acre	TOTAL 2005-06 Pounds per acre	Stand 5/30/06 %
Surrey II	1340	4380	3220	2460	11400	69
BRUISER	1440	3800	3060	2200	10620	60
Grazer II	1620	2780	2980	1940	9980	62
Marshall	1500	1960	2260	1720	8120	41
Striker	1440	1880	1620	1660	6220	34
Common	2060	880	1140	560	4420	15

Applications:

- Beef, dairy, and other livestock forages systems to be utilized as pasture, intensive grazing, green chop, haylage, or dry hay.
- Quick cover and quick forage yield.
- Short-term renovation
- Fall overseeding into row-crops

Method of Seeding & Seeding Rates:

Use a Billion seeder, a no-till drill or broadcast followed by a culti-packer. **BRUISER** can also be frost seeded. Seed to soil contact is vital to having a successful stand. Plant ¼" deep.

New fields/pasture: 40-45 lbs. /acre

Renovation/Overseeding existing fields/pastures:

Pastures: 25-35 lbs. /acre

Alfalfa Hay Field: 3-5 lbs. /acre

Grazing and Harvest Tips:

BRUISER is highly palatable; avoid over grazing. Graze at approximately 10-12 inches and remove animals when at 3-4 inches. When grazing **BRUISER**, consider reduce grain levels and consider adding more fiber to the ration. If machine harvesting disc mowers and drum mowers are highly preferred. For high quality hay, harvest 1st cutting at boot stage. *As with any forage, management practices dictate the yield and quality of the forage nearly as much as the genetics of the product. With proper management practices, **BRUISER** should provide high yielding, high quality forage that should result in improved producer profitability.

Technical data herein is solely a compilation of observations from various geographical areas, conditions, and laboratory tests. Growing results, including varietal characteristics and performance, vary depending on region, climate, soil, seed enhancements, environmental conditions, local management practices and other factors. AMPAC Seed DOES NOT GUARANTEE growing success. Any technical advice by AMPAC Seed concerning the use of its seeds is given without charge. Therefore, AMPAC Seed disclaims any warranty and disclaims all liability for such advice