



PGI 447RR ALFALFA

Proven Genetic Innovation

Performance with Roundup Ready Technology®

- ✓ For aggressive 3 or 4 cut harvest systems
- ✓ Maximizes yield of high quality, weed-free forage



Management Profile

- A variety forward-bred with the Roundup Ready Trait
- Adapted to all U.S. production zones where fall dormancy 3, 4 or 5 varieties are normally grown for hay, haylage or greenchop
- For “best practices” aggressive management systems
- Part of the Roundup Ready alfalfa system
- Agronomic performance is competitive with the leading conventional alfalfas in the market

State	Number of Cuts	PGI 447RR	Pioneer 54V54	Ameristand 403T	Attention	Dairyland Hybriforce 400
Iowa	8	16.3	15.9	14.7	16.1	16.3
Idaho	8	13.6	12.5	21.1	12.9	12.6
Indiana	9	16.8	16.7	14.3	17.4	16.0
Nebraska	8	16.0	16.6	14.8	16.4	16.4
Pennsylvania	11	19.2	18.4	16.2	18.6	18.9
Washington	8	21.8	20.9	20.8	21.6	21.8
Wisconsin	9	16.4	15.0	11.9	15.9	14.8
All	Average	17.2	16.6	15.0	17.0	16.7

*Forage yield as Tons Per Acre from 2004 and 2005 seasons.

Performance For the Way You Farm

- Outstanding head to head forage quality versus widely grown competitive alfalfas

State	Number of Cuts*	PGI 447RR	Pioneer 54V54	Ameristand 403T	Attention	Dairyland Hybriforce 400
Iowa	2	160	150	144	135	145
Indiana	2	152	144	141	138	142
Pennsylvania	2	147	138	143	141	137
Wisconsin	2	154	140	150	145	143
All	Average	153	143	145	140	142

*Relative Forage Quality (RFQ) during the 2004 season



PRODUCER'S CHOICE®

Your Alfalfa and Forage Experts

PGI 447RR Alfalfa

Field Appearance at Harvest Maturity

- Tall, upright growth habit
- Medium dark green foliage

Key Agronomic Characteristics

Fall Dormancy	4
Winter Hardiness Rating	2
Multifoliolate Leaf Expression	Yes
Wisconsin Disease Rating Index	30 of 30

		S	LR	MR	R	HR
Disease Ratings	Anthracnose					
	Bacterial Wilt					
	Fusarium Wilt					
	Phytophthora Root Rot					
	Verticillium Wilt					
Insect Ratings	Pea Aphid			Testing In Progress		
	Spotted Alfalfa Aphid			Testing In Progress		
Nematode Ratings	Stem			Testing In Progress		
	Northern Root Knot			Testing In Progress		

Breeder ratings are based on average performance of the variety over a wide range of climate and soil types. Actual performance may be adversely affected by extreme conditions. Unless stated, ratings are based on standardized testing procedures endorsed by the North American Alfalfa Improvement Conference.

Roundup Ready®:

Seeds containing the Roundup Ready® trait are protected under numerous United States patents, including Patent No. 5,378,619. Producing Roundup Ready® alfalfa seed, replanting saved seed of Roundup Ready® alfalfa or transferring such patent-protected seed to others for planting is unauthorized and constitutes patent infringement.

Stewardship Requirements

Roundup Ready® Alfalfa is for sale and distribution by authorized Seed Companies or their dealers in the United States only. Roundup Ready® Alfalfa seed may not be planted outside of the United States, or for the production of seed or sprouts. Any product produced from a Roundup Ready® Alfalfa crop or seed, including forage, hay and hay products, may only be used, exported to, processed or sold in countries where regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Roundup WeatherMAX® and Roundup Original MAX® herbicides are approved in all states for use over-the-top with Roundup Ready® Alfalfa for forage and hay production.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS.

Roundup Ready® crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup agricultural herbicides. Roundup agricultural herbicides will kill plants that are not tolerant to glyphosate.

Roundup® and Roundup Ready® are registered trademarks of Monsanto Technology LLC.



GROW THE FEED, NOT THE WEEDS



Easy

The Roundup Ready alfalfa system can deliver unsurpassed weed control and crop safety. It is the easy, flexible way to grow more, higher quality alfalfa.

Quality

You'll have fewer weeds in your forage with Roundup Ready alfalfa, which means higher quality feed. You can produce more milk or beef per acre.

Quantity

Roundup Ready alfalfa is the simple way to grow more high quality hay. Whether you have used herbicides in your alfalfa fields in the past or not, the Roundup Ready alfalfa production system will give you greater alfalfa yield potential.



Your Alfalfa and Forage Experts