AmeriStand
455TQ RR

Top Quality Traffic Tested® Alfalfa with Roundup Ready® Tolerance

- Performance of very popular AmeriStand 407TQ with herbicide resistance
- Excellent forage quality for optimal animal performance
- Very fast recovery for frequent harvest schedules under intensive management
- Improved salt tolerance of germinating seeds*

QUALITY HAY

Many factors affect production of high quality alfalfa including the plant itself and the weed control in the field. Traffic Tested® alfalfa produces large and deep set crowns with high root and crown carbohydrate reserves for regrowth and winter survival. When combined with the Roundup Ready® system, you also can have unsurpassed weed control for higher quality and higher yielding forage. Managing harvests and cutting schedules to lower dry matter losses also increases quality.

VARIETY PERFORMANCE

<table>
<thead>
<tr>
<th>YIELD TRIAL LOCATION</th>
<th>TRIAL YEARS REPORTED</th>
<th>MULTI-YEAR TOTAL TONS PER ACRE</th>
<th>MULTI-YEAR % OF MEAN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Butter Creek, OR</td>
<td>3</td>
<td>32.24</td>
<td>108%</td>
</tr>
<tr>
<td>Fruita, CO</td>
<td>4</td>
<td>13.59</td>
<td>105%</td>
</tr>
<tr>
<td>Garden City, KS</td>
<td>3</td>
<td>26.33</td>
<td>108%</td>
</tr>
<tr>
<td>Nampa, ID</td>
<td>3</td>
<td>29.24</td>
<td>105%</td>
</tr>
<tr>
<td>Touchet, WA</td>
<td>4</td>
<td>29.48</td>
<td>107%</td>
</tr>
<tr>
<td>West Salem, WI</td>
<td>3</td>
<td>25.44</td>
<td>113%</td>
</tr>
</tbody>
</table>

The above table compares variety performance in locations with positive results relative to trial means.

* In tests established by the NAIC Review Board, this variety demonstrated improved salt tolerance of germinating seeds as compared to the industry salt tolerant checks. References available upon request.

FALL DORMANCY: 4.4
WINTERHARDINESS: 2.0
CUTTINGS/SEASON: 4-5

PERFORMANCE PROFILE

Traffic Tested®: Excellent
Yield Potential: Excellent
Forage Quality: Excellent
Stand Persistence: Excellent
Recovery After Cutting: V. Fast
Salt Tolerance*: Germination

RESISTANCE RATINGS

Phytophthora Root Rot: HR
Aphanomyces Root Rot: RACE 1: HR
Anthracnose: HR
Verticillium Wilt: HR
Bacterial Wilt: HR
Fusarium Wilt: HR
Pea Aphid: R
Root Knot Nematode: HR

HR = >51% Resistance
R = 31-50% Resistance
MR = 15-30% Resistance
LR = 6-14% Resistance

Primary Adaptation

FALL DORMANCY: 4.4
WINTERHARDINESS: 2.0
CUTTINGS/SEASON: 4-5

Due to the unique cropping practices do not plant Roundup Ready® Alfalfa in Imperial County, California, pending import approvals and until Forage Genetics International, LLC (FGI) grants express permission for such planting.

Forage Genetics International, LLC (FGI) is a member of Excellence Through Stewardship® (ETS). FGI products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with FGI’s Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. As of June 2017, Roundup Ready® alfalfa has pending import approvals. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary 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. Growers should talk to their grain handler or product purchaser to confirm that buying position for this product. Growers should refer to http://www.biotradestatus.com/ for any updated information on import country approvals.

Excellence Through Stewardship® is a registered trademark of Biotechnology Industry Organization.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® crops contain genes that confer tolerance to glyphosate. Glyphosate herbicides will kill crops that are not tolerant to glyphosate.

Due to factors outside of Forage Genetics International’s (FGI’s) control, such as weather, crop production patterns, and other factors, results to be obtained, including but not limited to yields or financial performances, cannot be predicted or guaranteed by FGI. Results are based upon FGI controlled tests and field trials and public trials. Actual results may vary.

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