Product Qualities/Characteristics

AlfaFour Supreme is powered by a fall dormancy 4 variety which is proprietary to CHS. AlfaFour Supreme is a high-quality alfalfa variety with excellent yield. It has industry-leading winter hardiness and disease/pest resistance ratings. AlfaFour Supreme can be planted throughout the United States. It is best utilized in a four- to five-cut system and meets the expectations of dairy, hay and beef producers. The product can be utilized for dry hay, haylage or silage systems.

- Industry-leading yield.
- Remarkable winter hardiness.
- Excellent disease, insect and nematode resistance.
- High forage quality.

**AGRONOMIC TRAITS**

<table>
<thead>
<tr>
<th>Disease Resistance Index (DRI) Score</th>
<th>Fall Dormancy</th>
<th>Winter Hardiness</th>
</tr>
</thead>
<tbody>
<tr>
<td>34</td>
<td>4</td>
<td>1.2</td>
</tr>
</tbody>
</table>

**DISEASE RESISTANCE INDEX**

*Scale of 1-5 with 5 being the best*

<table>
<thead>
<tr>
<th>Scale</th>
<th>Anthracnose</th>
<th>Aphanomyces Race 1</th>
<th>Aphanomyces Race 2</th>
<th>Bacterial Wilt</th>
<th>Fusarium Wilt</th>
<th>Phytophthora</th>
<th>Verticillium Wilt</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-HR</td>
<td>4-R</td>
<td>3-MR</td>
<td>2-LR</td>
<td>1-S</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ADDITIONAL PEST RESISTANCE**

*Scale of 1-5 with 5 being the best*

<table>
<thead>
<tr>
<th>Scale</th>
<th>Cowpea Aphid</th>
<th>Northern Root-knot Nematode</th>
<th>Southern Root-knot Nematode</th>
<th>Pea Aphid</th>
<th>Stem Nematode</th>
<th>Blue Aphid</th>
<th>Spotted Alfalfa Aphid</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-HR</td>
<td></td>
<td>4-R</td>
<td>3-MR</td>
<td>2-LR</td>
<td>1-S</td>
<td>3-MR</td>
<td>2-LR</td>
</tr>
</tbody>
</table>

**Total Disease Resistance Score**

34 of 35

**Yield Comparison**

Through hundreds of harvests in public and private variety yield trials in Michigan, Minnesota, North Dakota, Pennsylvania, Washington and Wisconsin, yields were averaged to accumulate the following yield advantage of AlfaFour Supreme over popular varieties. Of the nine trials throughout the six listed states, AlfaFour Supreme outright won two trials and finished in the top four in three additional trials. When averaged among all trials, AlfaFour Supreme showed a 108.2% yield over the mean. Each trial included anywhere from 17 to 36 variety entries. The percentage listed by each alfalfa product indicates how much AlfaFour Supreme out-yields that product.

- **America’s Alfalfa Ameristand 403T**: 24%
- **Dekalb DKA44-16**: 15%
- **Croplan Stratifica RR**: 13%
- **Allied Seed FSG 329**: 11%
- **Dekalb DKA41-18RR**: 11%
- **America’s Alfalfa Archer III**: 10%
- **America’s Alfalfa Ameristand 407TQ**: 7%
- **America’s Alfalfa Ameristand 405T RR**: 6%
- **Legacy L-449**: 6%
- **WL 355RR**: 6%
- **Croplan Rebound 6.0**: 5%
- **Croplan Legendarry 5.0**: 5%
- **WL 354HQ**: 3%
- **Integra 8444RR**: 0%