# Index of our Popular Alfalfa Cultivars

## Old Varieties:

<table>
<thead>
<tr>
<th>Cultivar</th>
<th>Description</th>
<th>Pest/Disease Resistance</th>
<th>Fall Dormancy</th>
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</thead>
</table>
| **Ladak** | • Developed by the USDA in 1910.  
• A tough, winter-hardy Alfalfa.  
• Drought Tolerant.  
• Susceptible to Lepto Leaf Spot (Wet Conditions).  
• Susceptible to Phytophthora Root Rot (Wet Conditions).  

| **Vernal** | • Developed by University of Wisconsin in 1953.  
• Fine-stemmed with dark green leaves.  
• Winter-hardiness of varieties adapted to the far north.  
• Very good cutting tolerance and very fast recovery.  
• Drought tolerant.  

| **Vernema** | • Developed by the USDA and the Washington Agricultural Experiment Station in 1981.  
• Winter-hardy...but with an FD of 4.  
• Bred for quality forage production: Generous leaf-to-stem ratio with high protein content.  

| **Wrangler** | • Developed by the Nebraska USDA and AES breeding program in 1984.  
• Fine-stemmed and leafy: Forage quality similar to Vernal (with better resistance package).  
• Used for short and long-term hay and rotational grazing.  

| • Bacterial Wilt (Low)  
• Spring Black Stem (Low)  
• Common Leaf Spot (Low)  

| • Northern Root Knot Nematodes  
• Bacterial Wilt  
• Fusarium Wilt  

| • Bacterial Wilt  
• Verticillium Wilt  
• Anthracnose  
• Phytophthora Root Rot  
• Spotted Alfalfa Aphid  
• Stem Nematodes  

| • Spotted Alfalfa Aphid  
• Pea Aphids  
• Bacterial Wilt  
• Anthracnose  
• Verticillium Wilt  
• Fusarium Wilt  
• Phytophthora  

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### Drought-Tolerant Varieties:

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| Nomad    | - Developed in 1941.  
- Excellent Rangeland Alfalfa.  
- A tough, winter-hardy variety.  
- Drought-Tolerant.  
- Persists under heavy grazing and even rodent damage.  
- Spring planting preferred. | - N/A | 2 |
| Perry    | - Contains Ranger parentage but generally produces higher yields.  
- Drought Tolerant.  
- Long-lived and persistent stands.  
- Used for hay production and rotationally grazed pastures. | - Alfalfa Weevil  
- Pea Aphid  
- Potato Leaf Hopper  
- Spotted Alfalfa Aphid  
- Anthracnose  
- Bacterial Wilt  
- Downy Mildew | 3 |
| Ranger   | - Developed by the Nebraska Agricultural Experiment Station and USDA and released in 1942.  
- A winter-hardy, tough alfalfa used in many areas in the upper Midwest.  
- Drought Tolerant: ...However, High yields with irrigation and heavy planting.  
- Long-lived stands with deep taproot.  
- Parent of Perry Alfalfa.  
- Susceptible to leaf spot diseases. | - Bacterial Wilt | 3 |

### Western Favorites:

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| Surpass  | - High-yielding, high quality (outstanding nutrient value), dark green variety. One of our best performers.  
- Long-lasting variety and top winter-hardiness. | - Phytophthora Root Rot  
- Verticillium Wilt  
- Fusarium Wilt | 3 |
**Treasure Valley Blend**
- Can be used for hay, haylage, greenchop, or dehy production.
- Anthracnose
- Bacterial Wilt
- Leaf Hopper Yellowing
- A three-variety blend of Perry, Vernema, and Surpass that has become a local and Northwest favorite.
- Contains the high-nutrient values and generous leaf-to-stem ratio of Vernema and Surpass and boasts the drought tolerance and persistence of Perry.
- Contains a broad-spectrum pest-and-disease resistance package.
- Alfalfa Weevil
- Pea Aphid
- Potato Leaf Hopper
- Spotted Alfalfa Aphid
- Stem Nematodes
- Leaf Hopper Yellowing
- Anthracnose
- Phytophthora Root Rot
- Verticillium Wilt
- Fusarium Wilt
- Bacterial Wilt
- Downy Mildew

**Andrews Seed and Other Premium Varieties:**

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<tr>
<td>AND 7530</td>
<td>Yields dark green foliage with medium-to-fine stems: ideal for hay.</td>
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<td>Excellent winter survival: WSI 2.4.</td>
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<td>AND 1044</td>
<td>Yields dark green foliage that makes it ideal for hay.</td>
<td>Bacterial Wilt</td>
<td>4.2</td>
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<td>Persistence is excellent under both normal and aggressive harvest schedules.</td>
<td>Verticillium Wilt</td>
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<td>Variety offers a quick recovery, Excellent Winter Survival, and Increased</td>
<td>Bacterial Wilt</td>
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<tr>
<td></td>
<td>Pest Resistance</td>
<td>Phytophthora</td>
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<td></td>
<td>Produces high yields in heavier soils</td>
<td>Verticillium Wilt</td>
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<td>Fusarium Wilt</td>
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<td>Anthracnose</td>
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<td>Pea Aphid</td>
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<td>Stem Nematode</td>
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<td>Northern Root Knot N.</td>
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<td>Aphanomyces Root R.</td>
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<td>Anthracnose</td>
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AND 7540
- Yields dark green foliage with medium-to-fine stems: ideal for hay.
- Broad-spectrum resistance package—compare to TV Blend.
- Excellent winter survival: WSI 2.6.

AND 7550
- Yields dark green foliage with medium-to-fine stems: ideal for hay.
- Broad-spectrum resistance package—compare to TV Blend.
- WSI 4.1

AND 7570
- Yields dark green foliage with medium-to-fine stems: ideal for hay.
- Broad-spectrum resistance package—compare to TV Blend.
- Semi-Dormant Variety well-suited to warmer climates.

- Bacterial Wilt
- Verticillium Wilt
- Fusarium Wilt
- Phytophthora
- Spotted Alfalfa Aphid
- Pea Aphid
- Blue Alfalfa Aphid
- Stem Nematode
- Northern Root Knot Nematode
- Columbia Root Knot Nematode

AND 7540

AND 7550

AND 7570