

Index of our Popular Alfalfa Cultivars

Old Varieties:

<u>Cultivar</u>	<u>Description</u>	<u>Pest/Disease Resistance</u>	<u>Fall Dormancy</u>
Ladak	<ul style="list-style-type: none"> • 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). 	<ul style="list-style-type: none"> • Bacterial Wilt (Low) • Spring Black Stem (Low) • Common Leaf Spot (Low) 	2
Vernal	<ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • Northern Root Knot Nematodes • Bacterial Wilt • Fusarium Wilt 	2
Vernema	<ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • Bacterial Wilt • Verticillium Wilt • Anthracnose • Phytophthora Root Rot • Spotted Alfalfa Aphid • Stem Nematodes 	4
Wrangler	<ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • Spotted Alfalfa Aphid • Pea Aphids • Bacterial Wilt • Anthracnose • Verticillium Wilt • Fusarium Wilt • Phytophthora 	2

Drought-Tolerant Varieties:

<u>Cultivar</u>	<u>Description</u>	<u>Pest/Disease Resistance</u>	<u>Fall Dormancy</u>
Perry	<ul style="list-style-type: none"> • Contains Ranger parentage but generally produces higher yields. • Drought Tolerant. • Long-lived and persistent stands. • Used for hay production and rotationally grazed pastures. 	<ul style="list-style-type: none"> • Alfalfa Weevil • Pea Aphid • Potato Leaf Hopper • Spotted Alfalfa Aphid • Anthracnose • Bacterial Wilt • Downy Mildew 	3
Ranger	<ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • Bacterial Wilt 	3

Western Favorites:

Surpass	<ul style="list-style-type: none"> • High-yielding, high quality (outstanding nutrient value), dark green variety: One of our best performers. • Long-lasting variety and top winter-hardiness. • Can be used for hay, haylage, green chop, or dehy production. 	<ul style="list-style-type: none"> • Phytophthora Root Rot • Verticillium Wilt • Fusarium Wilt • Anthracnose • Bacterial Wilt • Leaf Hopper Yellowing 	3
Treasure Valley Blend	<ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • 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 	3-4