

WE BELIEVE IN

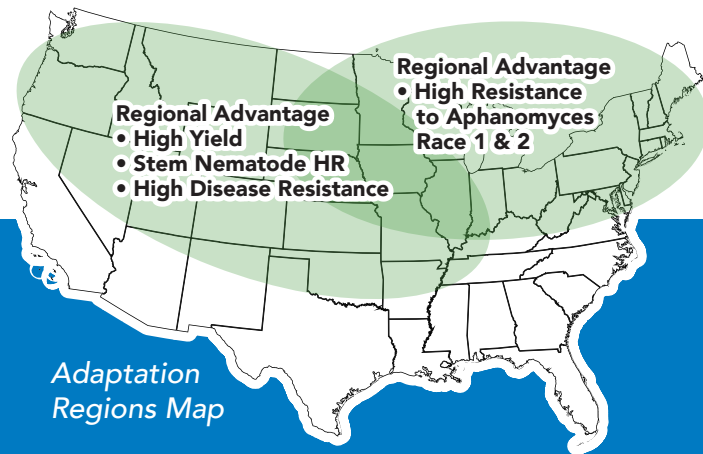
BETTER

ALFALFA





Bred for maximum performance thanks to its high yield, persistence and quality, our new proprietary alfalfa variety, MVS 4220Q promises to be a major improvement for growers across the country. MVS 4220Q is a FD=4 variety that packs a big punch against alfalfa diseases with a DRI of 35/35, backed by high resistance (HR) to stem nematode and spotted alfalfa aphid, as well as resistance (R) to pea aphid. MVS 4220Q is a variety built to excel in a wide range of environments, geographies, and management systems.

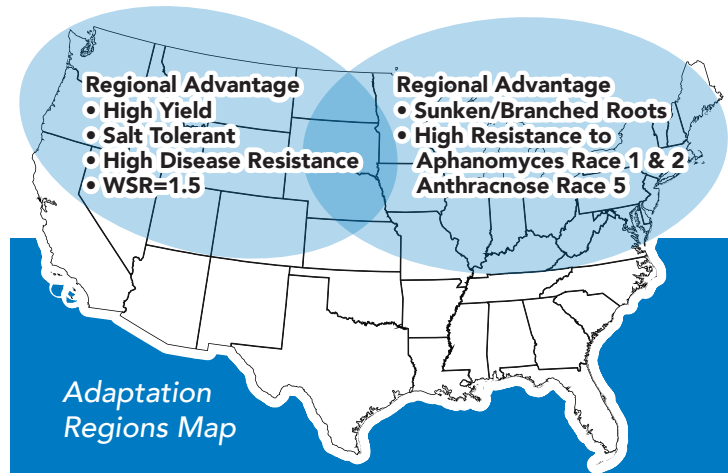


Adaptation Regions Map

- High-Yielding and High Quality
- Salinity Tolerance
- Excellent Persistence
- Disease Resistance Index: 35/35

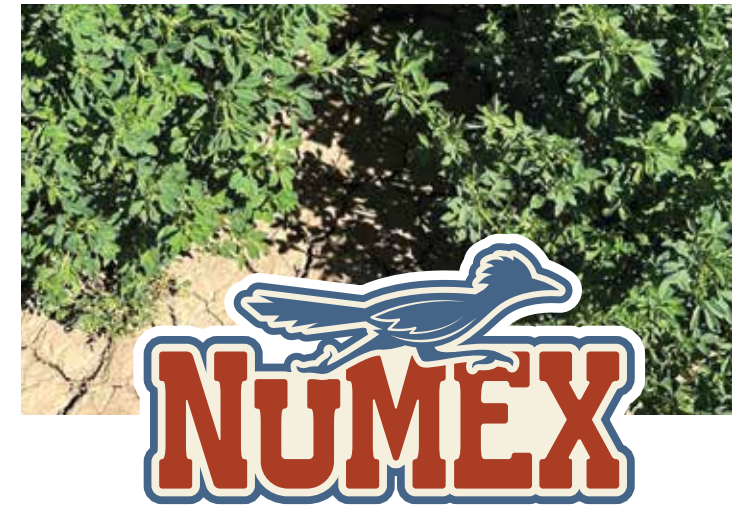
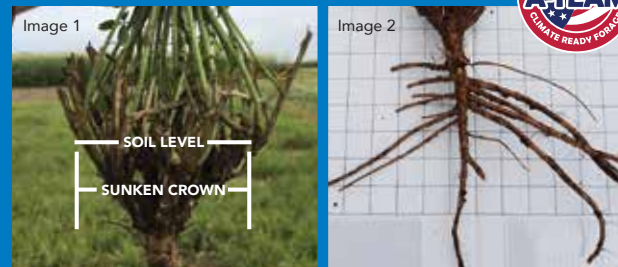


Majestic 425 is a high forage-yielding and exceptionally high-quality alfalfa variety. It features a branch root trait that enhances productivity in challenging soils, including areas with hardpan and high water tables. Its sunken crown design helps reduce traffic injury to both the crown and stem buds, while also improving winter survival. Majestic 425 is backed by a broad spectrum of disease resistance, offering strong protection against multiple threats, including high resistance to Aphanomyces Races 1 and 2.



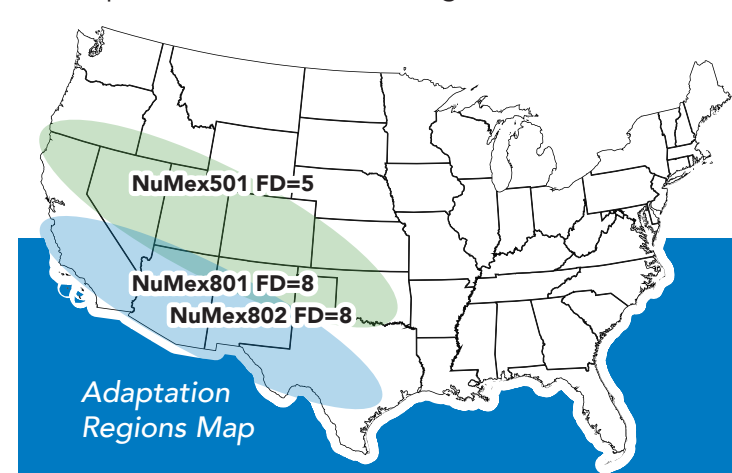
Adaptation Regions Map

- Outstanding Forage Quality
- Sunken Crown Improves Winter Survival and Reduces Traffic Injury [Image 1]
- Branch Root Trait [Image 2]



NuMex501, NuMex801, and NuMex802

The NuMex line features three alfalfa varieties with a new genetic trait called Drought-Resilience. This trait enables plants to recover from prolonged drought stress while maintaining high yields under adequate irrigation. Bred by New Mexico State University through advanced conventional breeding, researchers identified genes for drought tolerance and resilience. After seven years of selecting vigorous plants from deficit-irrigated fields, they developed new alfalfas with Drought-Resilience.



Adaptation Regions Map

- Drought Resilient Alfalfa
- New Traits Combat Water Stress Conditions
- Salinity Tolerance
- Excellent Forage Yields



All of our A-TEAM Alfalfa Varieties are Approved by the National Alfalfa Variety Review Board

We Believe in Better.

Sheltered by Mt. Hood, the Willamette Valley enjoys mellow sunshine, gentle rain, and mild winters. It's the grass seed production capital of the world. In 1946, farmers in Pratum, just east of Salem, founded a co-op to handle the prime seed that grows in our fertile soils. More than 75 years later, Mountain View Seeds still reaps the benefits of the unique Willamette Valley climate, consistent grower base, and state-of-the-art cleaning facilities. For 35 years, the co-op handled public grass seed varieties, adding private varieties in the 1980s. In 1998 Mountain View Seeds, a subsidiary of Pratum Co-op, was created to manage mounting demand of grass seed production.

At Mountain View Seeds, we rely on experience and people. We know grass seed research, production, and processing — after all, we have more than 75 years of experience. Mountain View Seeds brings Oregon's best to you.

RESEARCH & DEVELOPMENT

We're devoted to developing and acquiring forage varieties of the highest genetic quality. Bringing to market products that persist in a range of growing conditions to combine the best yield, quality, disease and pest resistance. We work closely with universities and other private organizations. With a full spectrum of forage solutions, we can fulfill your seed needs.

CLIMATE READY ALFALFA

The MVS A-TEAM (Alfalfa with Tolerance Evolved Abiotic Mitigation) varieties are the result of conventional breeding and selection for additional stress tolerance in a changing climate.



AGRONOMIC CHARACTERISTICS

	Majestic 425	MVS 4220Q	NuMex501	NuMex801	NuMex802
Fall Dormancy	3.9	4	5	8	8
Winter Survival Rating (WSR)	1.5	2	–	–	–
Recovery After Cutting	Good	Good	Good	Good	Good
Root	Branch/Tap	Tap	Tap	Tap	Tap
Crown	Sunken	Traditional	Traditional	Traditional	Traditional
Leaf Type	50% Multi-Leaf	Trifoliate	Trifoliate	Trifoliate	Trifoliate
Forage Yield Potential	Very Good	Excellent	Very Good	Excellent	Excellent
Forage Quality	Excellent	Very Good	Very Good	Good	Good
Drought Resilience	–	–	Excellent	Excellent	Excellent
Salt Tolerance (germ)	Tolerant	–	Tolerant	Tolerant	Tolerant
Traffic Tolerance	Excellent	Good	Good	Good	Good
Bacterial Wilt	HR	HR	–	–	–
Fusarium Wilt	HR	HR	R	–	MR
Verticillium Wilt	HR	HR	–	–	–
Anthraco nose Race 1	HR	HR	HR	HR	R
Phytophthora Root Rot	HR	HR	HR	R	MR
Aphanomyces Root Rot Race 1	HR	HR	MR	–	–
Aphanomyces Root Rot Race 2	HR	HR	–	–	–
Aphanomyces Root Rot Race 2+	HR	–	–	–	–
Anthraco nose Race 5 (New)	HR	–	–	–	–
Pea Aphid	–	R	R	MR	MR
Blue Alfalfa Aphid	–	–	–	MR	MR
Spotted Alfalfa Aphid	–	HR	MR	R	R
Stem Nematode	–	HR	MR	LR	–
Disease Resistance Index (DRI)	40/40	35/35	–	–	–

High Resistance (HR), Resistance (R), Moderate Resistance (MR), and Low Resistance (LR)