



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 an FD4 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.

HIGH-YIELDING AND HIGH-QUALITY

FALL DORMANCY: 4

WINTER HARDINESS: 2

DISEASE RESISTANCE INDEX (DRI): 35/35

HIGHLY RESISTANT (HR) TO STEM NEMATODE



AGRONOMIC CHARACTERISTICS

Fall Dormancy	4	Phytophthora Root Rot	HR
Winter Hardiness	2	Aphanomyces Root Rot (Race 1)	HR
Disease Resistance Index	35/35	Aphanomyces Root Rot (Race 2)	HR
Anthracnose	HR	Pea Aphid	R
Bacterial Wilt	HR	Spotted Alfalfa Aphid	HR
Fusarium Wilt	HR	Stem Nematode	HR
Verticillium Wilt	HR		

SEEDING

Alfalfa is a very “foundational” crop; start with adequate fertility levels; pH 6.5-7.5; P ≥ 50 lbs/ac; K ≥ 220-250 lbs/ac. Plant into well-drained soil type, firm seedbed, seeding depth ¼" to ½". Planting rate, regardless of nurse or companion crop is 17-22 lbs/ac; if broadcast or no-till seeded, consider increasing seeding rate 10-20%. Keep nurse crop < 1 bu.; companion crop < 2 lbs. Imperative to plant into moist soils where irrigation not available, not in dry soil soils anticipating rainfall. GOAL: optimal stand density 5 weeks after planting, 25-35 plants per sq. ft.

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.

