



FORAGE FIRST® 4319.A2 RR ALFALFA

CUTTING SYSTEM: 3 - 5

- Higher Aphanomyces 2 resistance with Roundup Ready® technology
- Disease resistance package promotes stand establishment in wet soils
- Even greater winter survival & persistence
- High multileaf expression
- Long stand life in adverse weather & soil conditions

FF 4319.A2 RR combines high resistance to Aphanomyces Race 2 and Roundup Ready® Technology. FF 4319.A2 RR performs well over a wide range of environmental conditions and offers very high yield potential where 3 and 4 fall dormancy varieties are seeded.



To maximize benefit of Roundup Ready® alfalfa, apply glyphosate to alfalfa seedling at 3 to 5 trifoliate stage with weeds less than 4 inches tall



Includes CrosseCoat™ - an elite platform of proven seed coating and treatments to enhance germination, establishment and survival

FORAGE FIRST® FACTOR: Understand that harvest schedules play a huge role in alfalfa selection. Be practical when considering cutting intervals and regrowth expectations. If the fall dormancy doesn't match the management of the producer, it doesn't matter the genetics or quality of the alfalfa.

DISEASE & PEST CONTROL†

PHYTOPHTHORA ROOT ROT	HR	APHANOMYCES RACE 1	HR
VERTICILLIUM WILT	HR	APHANOMYCES RACE 2	HR
ANTHRACNOSE	HR	PEA APHID	R
BACTERIAL WILT	HR	POTATO LEAFHOPPER	NR
FUSARIUM WILT	HR		
FALL DORMANCY	4.3	TOTAL DRI	35/35
WINTER SURVIVAL	1.0		

† ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® crops contain genes that confer tolerance to glyphosate. Glyphosate herbicides will kill crops that are not tolerant to glyphosate.

HR = HIGHLY RESISTANT, 51% or more resistant plants
MR = MODERATELY RESISTANT, 15 - 30% resistant plants
S = SUSCEPTIBLE, 0 - 5% resistant plants
R = RESISTANT, 31 - 50% resistant plants
LR = LOW RESISTANCE, 6 - 14% resistant plants
NR = NOT RATED

SEEDING RATES (LBS/ACRE)

MONOCULTURE	15 - 20	SEEDS/LB	227,000
MIX COMPONENT	8 - 10	DEPTH (IN)	1/4 (FINE) - 1/2 (SANDY)
		EMERGENCE (DAYS)	7 - 14

SEED INFORMATION

CHARACTERISTICS

ESTABLISHMENT	FAST	PALATABILITY	HIGH
PERSISTENCE	HIGH	YIELD POTENTIAL	HIGH
DROUGHT TOLERANCE	MED-HIGH	GRAZING TOLERANCE	MED
WINTER HARDINESS	MED-HIGH		

PLANTING TIMES

SPRING PLANTING	MAR - MAY	Grows best on deep, well-drained, friable soil with pH 6.5 to 7.5
FALL PLANTING	AUG - SEP	
LIFE CYCLE	PERENNIAL	

ADAPTATION

ESTABLISHMENT

Plant alfalfa seed in clean, smooth, firm seedbed with adequate moisture. Ensure good surface drainage. Do not seed as first crop on newly leveled land where fill may settle and cause poor surface drainage. A combination drill and packer is desirable. Cultipack soil before and after seeding to help stand establishment.

Spring seeding can occur 30 days before last killing frost. Late summer-sown alfalfa seed can also be successful. Allow for adequate growth prior to first killing frost.

ROTATIONAL GRAZING

Graze early bloom (1/4 inch bloom) to 2 inches. Potential bloat hazard. Use caution when grazing. Alfalfa best withstands grazing if rotated frequently or grazed in small strips.

HARVEST MANAGEMENT: Cut at 1/4 bloom; last cutting of season should be 4 weeks before first killing frost



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