FORAGE FIRST®
42.A3 ALFALFA

CUTTING SYSTEM: 3 - 5

- **Industry leading disease package offers enhanced multi-race protection against Aphanomyces***
- **Excellent forage yield with improved forage quality**
- **Patented Anthracnose** technology helps protect yield potential**
- **7 years forward breeding disease resistance/cold tolerance from 42.A2**
- **Very high multifoliate leaf expression**

FF 42.A3 is a next generation alfalfa with an enhanced disease package. FF 42.A3 offers growers the ability to help protect yield potential.

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 2/3*	**HR**
ANTHRACNOSE RACE 1	**HR**	POTATO LEAFHOPPER	**NR**
ANTHRACNOSE RACE 5**	**HR**	SPOTTED ALFALFA APHID	**R**
BACTERIAL WILT	**HR**	STEM NEMATODE	**R**
FUSARIUM WILT	**HR**		
FALL DORMANCY	**4.4**	TOTAL DRI	**40/40**
WINTER SURVIVAL	**1.5**		

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

*Includes race 1 and race 2 protection. In addition, Forage Genetics International, LLC (FGI) has identified a novel source of Aphanomyces resistance in the greenhouse and field that visibly outperforms unrelated varieties on the market when grown under natural or artificial disease pressure. FGI researchers have been working cooperatively with universities collecting and testing the most virulent strains of Aphanomyces to help determine the level of resistance to this novel source.
** Includes race 1 protection, along with Anthracnose Race 5, which was recently confirmed by USDA's Agricultural Research Service.

SEEDING RATES (LBS/ACRE)

MONOCULTURE	**15 - 20**
MIX COMPONENT	**8 - 10**

SEED INFORMATION

SEEDS/LB	**227,000**
DEPTH (IN)	**1/4 (FINE) - 1/2 (SANDY)**
EMERGENCE (DAYS)	**7 - 14**

CHARACTERISTICS

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

PLANTING TIMES

SPRING PLANTING	**MAR - MAY**
FALL PLANTING	**AUG - SEP**
LIFE CYCLE	**PERENNIAL**

ADAPTATION

Grows best on deep, well-drained, friable soil with pH 6.5 to 7.5

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 at 25% bloom. Stop graze at 3 inches. Potential bloat hazard. Use caution when grazing. Grasses should be included to help reduce bloat potential. Alfalfa best withstands grazing if rotated frequently or grazed in small strips.

HARVEST MANAGEMENT

Cut at late bud to 25% bloom; last cutting of season should be at least 4 weeks before first killing frost

Brought to you by LA CROSSE SEED
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foragefirst.com

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42.A3 ALFALFA

ALFALFA YIELD COMPARISONS

VARIETY	HARVEST YEARS	# OF CUTS	# OF STATION YEARS	YIELD (LBS/ACRE)	YIELD INDEX (%)
FF 42.A3	2016-'19	40	12	12,182.3	116
VARIETY A	2016-'19	40	12	10,551.4	100
VARIETY B	2016-'19	40	12	10,749.1	102

MILK YIELD COMPARISONS

VARIETY	HARVEST YEARS	# OF CUTS	# OF STATION YEARS	MILK/ACRE (LBS/ACRE)	% OF COMPETITOR CHECK(S)
FF 42.A3	2016-'19	11	4	27,136.0	116
COMPETITOR CHECK(S)	2016-'19	11	4	23,470.5	105

LOCATION: WEST SALEM, WI

MILK PER ACRE VALUES CALCULATED USING THE UNIVERSITY OF WISCONSIN ALFALFA/GRASS EVALUATION SYSTEM - MILK 2006