

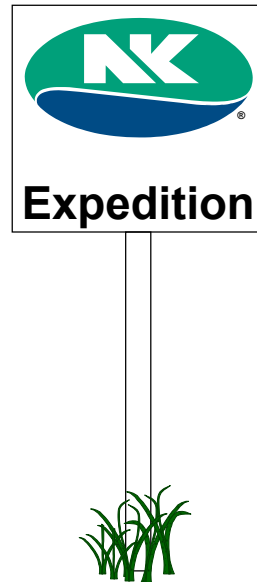


Expedition

This Fall Dormancy 5 variety represents a new alfalfa innovation with even faster recovery and higher yields than Geneva

Key Features & Advantages

- ✓ Expedition was designed for growers looking for even higher yields under aggressive cutting schedules and top management
- ✓ Best adapted for the alfalfa producing areas of the High Plains and Northwest, but is also well adapted to the Central and Southern Corn Belt
- ✓ Expedition is a multi-foliolate variety with high forage quality under short cutting intervals and has very good persistence and pest resistance
- ✓ An excellent companion to Geneva in areas with longer growing season or for haylage in 5-cut management systems



For The Way You Farm.™



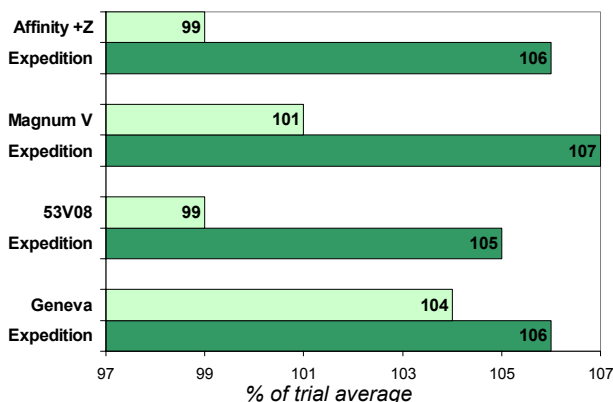
Agronomic Traits

Fall Dormancy	5	Recovery Rate	Extremely Fast
Winterhardiness	3	Forage Quality (4-5 cut)	Very Good
Average Stand Life	Medium to Long	Forage Quality (3 cuttings)	Good

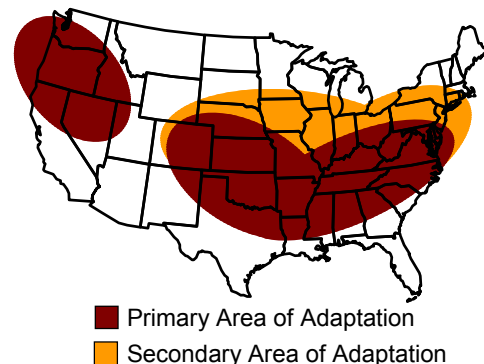
Disease Resistance

Phytophthora Root Rot	HR	Bacterial Wilt	HR
Aphanomyces Root Rot	R	Fusarium Wilt	HR
Anthracnose (race 1)	R	Stem Nematode	R
Verticillium Wilt	HR	Disease Rating Index	28

Yield Data (from 10 research trials)



Areas of Adaptation



Fall Dormancy Rating (1 to 9): 1= Dormant; 9 = Non-Dormant. Ratings are based on standard check varieties as established by the National Alfalfa Variety Review Board. Winterhardiness Rating (1 to 6): 1 = Most Hardy; 6 = Non-Hardy. Ratings are based on standard check varieties as established by the National Alfalfa Variety Review Board. Alfalfa Reactions to Disease and Insect Pests: HR = Highly Resistant; R = Resistant; MR = Moderately Resistant; LR = Low Resistance; S = Susceptible. Ratings and descriptions are based on research and field observations compared with products developed by the alfalfa research program from multiple locations and years. Read all bag tags and labels. They contain important conditions of sale, including limitations of warranty and remedy.

Comparisons from 2002-2004 Research Quality Trials

Expedition Alfalfa

Brand	Variety	No. of Comparisons	Crude Protein	NDF	dNDF	RFQ	Tons/ Acre	4-year Tons/Acre Advantage*	Lbs. Milk/ Acre	4-year Milk/Acre Advantage**	4-year Value/Acre Advantage***	4-year Value/Bag Advantage****
NK Brand	Expedition	7	20.5	40.3	44.5	147.3	8.00	1.61	20,397	3,982	\$478	\$1,195
NK Brand	Geneva		20.5	40.2	44.8	149.7	7.59		19,401			
NK Brand	Expedition		21.0	41.5	44.5	143.1	7.63	0.23	18,273	(1,244)	(\$149)	(\$373)
NK Brand	Genoa	3	21.4	40.6	45.2	147.9	7.57		18,584			
NK Brand	Expedition	9	20.5	40.3	44.8	147.9	7.06	2.67	18,258	7,884	\$946	\$2,365
America's	Ameristand 403T		20.5	41.2	44.6	143.2	6.40		16,287			
NK Brand	Expedition	6	20.5	40.2	44.4	148.4	8.00	3.66	20,552	12,407	\$1,489	\$3,722
Dairyland	Magnum V		20.2	41.5	43.4	141.3	7.08		17,450			
NK Brand	Expedition	10	20.5	40.3	44.8	147.9	7.06	2.33	18,258	8,825	\$1,059	\$2,647
Dairyland	HybriForce 400		20.0	41.8	43.8	139.3	6.48		16,052			
NK Brand	Expedition	11	20.5	39.7	45.0	150.8	7.08	2.53	18,760	9,146	\$1,097	\$2,744
Pioneer	54V54		20.3	41.0	43.9	142.4	6.45		16,474			
NK Brand	Expedition	2	20.8	42.4	44.6	140.1	8.88	0.88	21,027	5,745	\$689	\$1,723
Pioneer	54V46		19.5	43.9	43.8	132.3	8.66		19,591			

* Tons/Acre x 4 years

** Lb. Milk/Acre x 4 years

*** Lbs. Milk/Acre x 4 years x \$12.00/cwt

**** Lbs. Milk/Acre x 4 years x \$12.00/cwt x 2.5 acres seeded/bag (20# rate)

Yield and Quality data from Research Quality Trials only - Summary updated January 2005