



Midwest Region by NSG

FORAGE GUIDE

ALFALFA

FORAGE PRODUCTS

			WS	BW	FW	VW	ANTH	PRR	APH
DORMANCY 3	OCTANE	Octane is a high forage yielding alfalfa, with a dense dark green canopy. It's high forage dry matter yield, high forage milk per acre, high NDF and disease resistance make this an easy selection.	1.4	HR	HR	HR	HR	HR	HR
	SHIFT	Shift provides a high-quality feed value with its winter hardiness and durability. It is extremely resistant to all major alfalfa diseases, and has large, deep-set crowns allowing it to stand up to traffic pressure.	1.4	HR	HR	HR	HR	HR	R
DORMANCY 4	DYNAMO	Dynamo provides high forage quality, maximum tonnage, superior winterhardiness and outstanding disease resistance. This alfalfa has a rapid regrowth, making it suitable for 3, 4 and 5 cut harvest management systems.	1.9	HR	R	R	HR	HR	HR
	BARRICADE II	An alfalfa variety well suited to areas with increased salinity pressures.	2.0	HR	HR	HR	HR	HR	NR
	423TQ RR	High quality Traffic Tested® alfalfa with Ultracut™ alfalfa disease package and Roundup Ready® technology	1.0	HR	HR	HR	HR	HR	HR
DORMANCY 5	SLINGSHOT	High-yielding, high-quality, excellent digestibility. Exclusive genetics. Top production across a wide range of agronomic conditions.	2.0	R	HR	HR	HR	HR	HR

WS = Winter Survivability; BW = Bacterial Wilt; FW = Fusarium Wilt; VW = Verticillium Wilt;
ANTH = Anthracnose; PRR = Phytophthora Root Rot; APH = Aphanomyces Root Rot

NR = Not Rated
R = Resistant; HR = Highly Resistant; MR = Moderately Resistant

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OCTANE

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Supercharge your hay production with **Octane**, the high forage yielding leader that consistently produces more dry matter and milk per acre. Its stability and persistence deliver high performance year after year. Octane's dense, dark green canopy and 60% multifoliate expression is a standout in any field. Octane is selected for high forage dry matter yield, high forage milk per acre, high NDF and disease resistance.



OCTANE CHARACTERISTICS

Fall Dormancy	3.0
WSI	1.4
DRI	35/35

OCTANE DISEASE AND PEST RESISTANCE

Bacterial Wilt	HR
Fusarium Wilt	HR
Anthraxnose	HR
Phytophthora Root Rot	HR
Aphanomyces Root Rot (Race 1)	HR
Aphanomyces Root Rot (Race 2)	HR
Verticillium Root Rot	HR
Blue Alfalfa Aphid	R
Stem Nematode	HR

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SHIFT

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Shift provides a high level of winter hardiness and durability for profitable hay production over the life of the stand. Large, deep-set crowns allow this variety to stand up to traffic pressure and persist in northern climates. Shift features a dense, dark green canopy with high multifoliate leaf expression providing high quality feed value. It is highly resistant to all major alfalfa diseases, including Aphanomyces Race 1 and Race 2 root rot, contributing to Shift's long stand life and outstanding persistence.

SHIFT CHARACTERISTICS	
Fall Dormancy	3.0
WSI	1.4
DRI	35/35

SHIFT DISEASE AND PEST RESISTANCE	
Bacterial Wilt	HR
Fusarium Wilt	HR
Anthrachnose	HR
Phytophthora Root Rot	HR
Aphanomyces Root Rot	HR
Verticillium Root Rot	HR
Stem Nematode	R

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DYNAMO

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Dynamo delivers explosive forage quality and maximum tonnage in a fall dormancy class 4 variety. Its rapid regrowth is well suited for 3, 4 and 5 cut harvest management systems. High multifoliate leaf expression, improved crude protein content and exceptional feed value are table stakes for this top performer. Dynamo's unparalleled combination of high yield and improved Relative Feed Quality (RFQ) will produce more milk per acre guaranteed. Complimented by superior winterhardiness and outstanding disease resistance index scores, including Aphanomyces Race 1 and Race 2 resistance, Dynamo will generate high-flying forage production and more milk.



DYNAMO CHARACTERISTICS

Fall Dormancy	4.0
WSI	1.9
DRI	34/35

DYNAMO DISEASE AND PEST RESISTANCE

Bacterial Wilt	HR
Fusarium Wilt	HR
Anthracnose	HR
Phytophthora Root Rot	HR
Aphanomyces Root Rot (Race 1)	HR
Aphanomyces Root Rot (Race 2)	R
Verticillium Root Rot	HR
Pea Aphid	R
Blue Aphid	R
Spotted Alfalfa Aphid	R
Stem Nematode	R
Northern Root Knot Nematode	MR

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BARRICADE II

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Barricade II is an alfalfa variety well suited to areas with increased salinity pressures. Selected from parents that endured repeated irrigation under a 100mM NaCl solution in the greenhouse, and endured field soils with >8 EC, Barricade II has demonstrated improved germination under saline conditions as well as improved forage production. This increased saline tolerance, when combined with high yield potential and an excellent disease and pest resistance package, gives Barricade II excellent overall performance and hardiness.

BARRICADE II CHARACTERISTICS	
Fall Dormancy	4.0
WSI	2.0
DRI	35/35
Cut Per Season	4-5

BARRICADE II DISEASE AND PEST RESISTANCE	
Bacterial Wilt Fusarium	HR
Verticillium Wilt	HR
Fusarium Wilt	HR
Phytophthora Root Rot	HR
Anthraxnose	HR
Aphanomyces Root Rot	HR
Pea Aphid	HR
Spotted Alfalfa Aphid	MR

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423TQ RR ULTRACUT™

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High quality Traffic Tested® alfalfa with UltraCut™ alfalfa disease package with Roundup Ready™ technology. Top choice for heavy, compacted and saturated soils. The UltraCut™ alfalfa disease package helps you grow a healthy alfalfa crop even in fields susceptible to Anthracnose and Aphanomyces. Its protection can help deliver an advantage through improved agronomic performance and yield potential.

423TQ RR ULTRACUT™ CHARACTERISTICS

Fall Dormancy	4.0
WSI	1.0
DRI	34/35
Forage Quality	Excellent
Persistence	Excellent
Recovery After Cutting	Very Fast

423TQ RR ULTRACUT™ DISEASE AND PEST RESISTANCE

Bacterial Wilt	HR
Fusarium Wilt	HR
Anthracnose	HR
Phytophthora Root Rot	HR
Aphanomyces Root Rot	HR
Verticillium Root Rot	HR
Pea Aphid	R
Spotted Aphid	R
Stem Nematode	R



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SLINGSHOT

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Slingshot is a high yielding FD 5 alfalfa with a tough winter dormancy. With its early dormancy break in the spring and fast re-growth after cutting, Slingshot’s ability to handle an aggressive multi-cut regiment takes this alfalfa to the next level. This alfalfa also has a high expression of multi-foliates giving it 4-5 leaflets per leaf.



SLINGSHOT CHARACTERISTICS	
Fall Dormancy	5.2
WSI	2.0
DRI	34/35
Cut Per Season	4-5

SLINGSHOT DISEASE AND PEST RESISTANCE	
Bacterial Wilt	R
Fusarium Wilt	HR
Anthracnose	HR
Phytophthora Root Rot	HR
Aphanomyces Root Rot (Race 1)	HR
Aphanomyces Root Rot (Race 2)	NR
Verticillium Root Rot	HR
Pea Aphid	HR
Potato Leafhopper	NR

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