



# WESTERN ALFALFA

BRAND

## Octane

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 dense, dark green canopy and 60% multi-foliolate 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.



### Explosive Disease Resistance & Winterhardiness

Scoring a perfect 35/35 on the Disease Ratings Index (DRI), Octane is highly resistant to all diseases including Aphanomyces Race 1 & 2. Octane is a fall dormancy class 3 (FD 3) tap root, with exceptional winterhardiness that is comparable to creeping root alfalfa.

### Head to Head

COMPETITOR	YIELD DM COMPETITOR	TONS/ ACRE OCTANE	OCTANE % OF COMPETITOR
WL 363HQ	6.42	6.96	108
WL 319HQ	6.43	6.84	106
55V12	6.54	6.84	105
PGI 529	6.66	6.84	103

### Yield Stability/Persistence

VARIETY	LOCATION	DATE SEEDED	% MEAN YIELD SEEDLING YEAR	% MEAN YIELD YEAR 1	% MEAN YIELD YEAR 2
Octane	Decorah, IA	04/26/12	1.10	1.02	1.04
Octane	Madison, WI	04/27/12	1.13	1.02	1.03
Octane	Medford, MN	04/12/12	1.06	1.05	1.07
<b>Average</b>			<b>1.10</b>	<b>1.03</b>	<b>1.05</b>

### Forage Quality

VARIETY	TONS / ACRE	CP	NDF	NDFD	RFQ	MILK/ ACRE
Octane	6.4	23.7	33.7	48.5	192	19,852
363HQ	5.4	23.7	34.3	47.8	186	16,536
55V12	6.4	22.9	35.9	48.1	177	19,411

### Agronomic Traits

Trait	Rating
Bacterial Wilt	HR
Verticillium Wilt	HR
Fusarium Wilt	HR
Anthracnose	HR
Phytophthora Root	HR
Aphanomyces Root (Race 1 & 2)	HR
Stem Nematode	HR
Blue Alfalfa Aphid	R

### Winter Survival and Adaptation

Root Type	Tap Root
Fall Dormancy	3
Winter Survival	1.4
DRI	35/35