OCTANE
ALFALFA

BY ALPHA™
THE MARK OF PURE PERFORMANCE

High Octane Yield

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.

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 and Race 2. Octane is a fall dormancy class 3 (FD 3) tap root, with exceptional winterhardiness that is comparable to some creeping root alfalfas.

BY Alpha – The Mark of Pure Performance

It starts with elite genetics. But it's not just outstanding yield and quality. Through teamwork and production expertise, only the purest seed arrives at our accredited facilities for processing, testing and quality assurance. These top performing varieties deliver increased yield, better nutrition, and more milk per acre. Guarantee your seed investment with BY Alpha – the Mark of Pure Performance.

Head to Head

COMPETITOR	YIELD DM COMPETITOR	TONS / ACRE OCTANE	OCTANE % OF COMPETITOR
WL 363HQ	6.42	6.96	108
WL 319 HQ	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
Average			**1.10**	**1.03**	**1.05**

2013 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

Winter Survival & Adaptation

Root Type	Tap Root
Fall Dormancy	3.0
Winter Survival	1.4
DRI	35/35

Disease Rating

	RATING
Bacterial Wilt	HR
Verticillium Wilt	HR
Fusarium Wilt	HR
Anthracnose	HR
Phytophthora	HR
Aphanomyces Root (Race 1)	HR
Aphanomyces Root (Race 2)	HR

Insects

	RATING
Blue Alfalfa Aphid	R

Nematodes

	RATING
Stem	HR

brettyoung.ca/octane
1-800-665-5015

BrettYoung™

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