

# ALFALFA VARIETIES & TRAITS

	Roundup Ready® Non-Dormant	Roundup Ready® Dormant	Winterhardness	Fall Dormancy	Yield Cuts	Early Seeding	Stand Persistence	Fall Growth	Recovery After Cutting	Drought Stress	Forage Quality	Leafiness	Bacterial Wilt	Verticillium Wilt	Anthracnose	Fusarium Wilt	Phytophthora Root Rot	Aphanomyces Root Rot	Disease Index Rating	Spotted Aphid	Pea Aphid	Blue Aphid	Leafhopper Yellowing	Northern Root Knot Nematode	Southern Root Knot Nematode	
<b>HarvXtra® Alfalfa with Roundup Ready® Technology</b>																										
6409HVXR	✓		4		1.4	3-5	D	VG	VG	VG	F	EX	VH	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR
<b>Roundup Ready® Alfalfa</b>																										
6373R	✓		3		1.2	2-4	D	EX	VG	EX	MF	EX	VH	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR
6427R	✓		4		1.8	4+	D	EX	VG	VG	F	EX	VH	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR
6424R	✓		4		1.8	4+	D	EX	VG	VG	F	EX	VH	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR
6497R	✓		4		VH	3-5	D	EX	VG	VG	F	EX	VH	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR
6516R	✓		5		VH	4+	D	VG	EX	VG	VF	EX	VH	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR
6547R	✓		5		VG	3-5	D	EX	EX	EX	VF	EX	VH	HR	R	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR
Revolt		✓	6		N/A	6+	ND	EX	EX	VG	VF	EX	VH	HR	—	HR	R	HR	MR	—	—	—	—	R	R	—
6829R		✓	8		N/A	7+	ND	VG	EX	G	VF	EX	H	—	R	R	R	R	—	—	HR	HR	—	—	HR	HR
6015R		✓	10		N/A	8+	ND	VG	EX	G	VF	VG	H	MR	MR	R	LR	R	—	—	HR	HR	HR	—	HR	HR
<b>Conventional Alfalfa</b>																										
Spredor 5	✓		2		VH	1-4	D	EX	VG	EX	MF	VG	H	HR	R	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR
6305Q	✓		3		VH	4	D	EX	VG	EX	MF	EX	VH	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR
6401N	✓		4		VH	3-5	D	EX	VG	VG	F	EX	VH	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR
6422Q	✓		4		VH	4+	D	EX	EX	VG	VF	EX	VH	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR
6480H® Brand	✓		4		VH	4+	D	VG	EX	EX	VF	VG	H	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR
6472A	✓		4		VH	3-5	D	EX	EX	VG	VF	EX	H	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR
6585Q	✓		5		VH	4-6	D	EX	EX	G	VF	EX	VH	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR	HR
6610N	✓		6		N/A	6+	ND	VG	EX	G	VF	EX	VH	HR	—	HR	HR	HR	—	—	HR	HR	—	—	HR	HR
6906N		✓	9		N/A	8+	ND	VG	EX	G	VF	VG	H	MR	—	HR	R	R	—	—	HR	HR	HR	—	HR	HR

**Resistance Ratings**

- S** Susceptible (0-5%)
- LR** Low Resistance (6-14%)
- MR** Moderate Resistance (15-30%)
- R** Resistance (31-51%)
- HR** High Resistance (>50%)

**Agronomic Ratings**

- G** Good
- VG** Very Good
- EX** Excellent

**Winterhardness**

- H** Hardy
- VH** Very Hard

**Fall Growth**

- D** Dormant
- ND** Nondormant

**Recovery After Cutting**

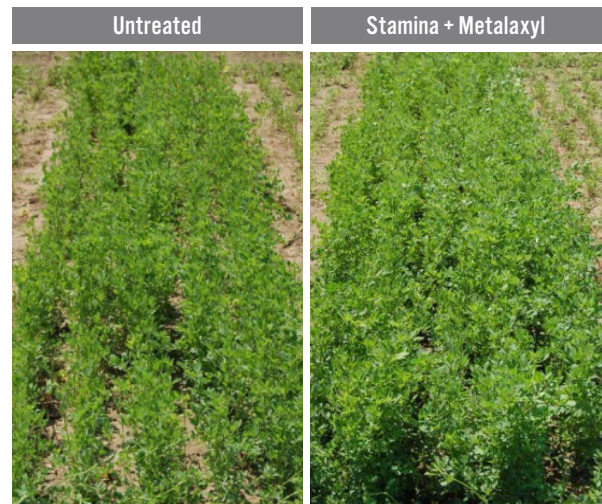
- MF** Moderately Fast
- F** Fast
- VF** Very Fast

# ALFALFA SEED TREATMENTS

Treatment Options	Treatment Description	Stamina®	Apron XL®	Nitrogin Gold®	Optimize Gold®
34% Nutrient Coat	COS	X	X	X	X
Nitragin Gold® Only	N			X	
Apron XL®/Nitragin Gold®	AN		X	X	
Apex Green 34% Organic Coat	OC			X	



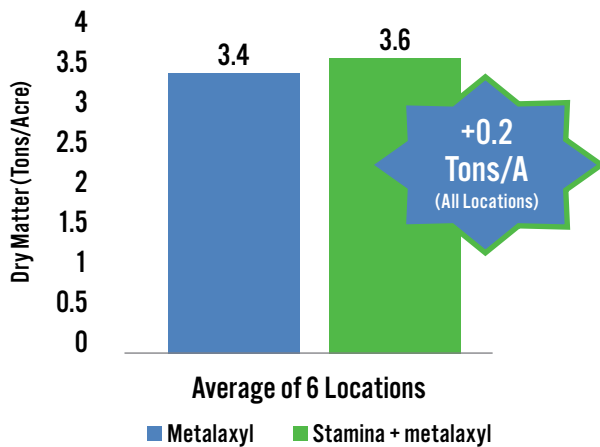
2011 Laboratory test conducted by an independent third party researcher. Seedlings inoculated with (A) *Aphanomyces euteiches* Race 1, (B) *Aphanomyces euteiches* Race 2 (C) *Phytophthora medicaginis*. Stamina applied at 3.1 fl oz/cwt & metalaxyl applied at 0.91 fl oz/cwt.



2011 field tests conducted by independent third party researcher in West Salem, WI. Alfalfa spring seeded May 6, 2011. Photos taken on June 29, 2011. 54 Days After Seeding. Stamina 3.1 fl oz/cwt, metalaxyl 0.91 fl oz/cwt.

## Summary of Alfalfa Forage Yield, Seeding Year

### Data Across Midwest Locations



2011 replicated trials conducted by an independent third party researcher. Stamina applied at 3.1 fl oz/cwt. Metalaxyl applied at 0.91 fl oz/cwt.