

Disease and Fall Dormancy Ratings of Alfalfa Varieties in Illinois

Variety	FD ¹	Disease Resistance ³											
		WS ²	BW	VW	FW	AN	PRR	APH		PA	SN	RN	LH
								race 1	race 2				
631	4	3.6	HR	R	R	R	HR	MR	-	HR	R	-	-
5454	4	2.7	R	MR	HR	HR	HR	LR	-	R	MR	-	-
6325	3	-	HR	HR	HR	HR	HR	HR	R	R	-	-	HR
6410	4	2.7	HR	HR	HR	HR	HR	HR	-	HR	MR	-	-
6415	4	1.4	HR	HR	HR	HR	HR	HR	-	R	-	-	-
6420	4	-	HR	R	HR	R	HR	R	-	R	R	HR	-
6530	5	-	HR	HR	HR	HR	HR	HR	MR	HR	R	-	-
9702^	4	-	-	HR	HR	M	-	R	-	R	-	-	-
204 HYBRID	4	-	HR	R	HR	HR	HR	R	-	R	R	-	LR
321 HYB^	4	-	HR	R	HR	R	HR	R	-	-	-	-	-
4 TRAFFIC	4	2.4	HR	HR	HR	HR	HR	HR	R	HR	-	-	-
42H167^	4	-	HR	HR	HR	HR	HR	HR	-	-	-	-	HR
42H169^	4	-	HR	HR	HR	HR	HR	HR	-	-	-	-	HR
4R429	4	2.0	HR	HR	HR	HR	HR	HR	HR	R	MR	-	-
53Q60	3	3.1	HR	R	R	HR	HR	R	-	MR	R	MR	-
54H91	4	3.0	HR	HR	R	HR	HR	R	-	R	MR	MR	-
54V46	4	3.1	R	HR	HR	HR	HR	R	R	R	MR	HR	HR
5454	4	2.7	R	MR	HR	HR	HR	LR	-	R	LR	-	-
6400HT	4	2.4	HR	HR	HR	HR	HR	HR	-	HR	-	-	-
645-II^	3	-	HR	R	HR	HR	HR	R	-	R	MR	-	S
797 LHR^	3	-	HR	HR	HR	HR	HR	R	-	R	-	-	R
A 30-06	3.5	1.8	HR	HR	HR	HR	HR	HR	R	MR	-	-	-
ABSOLUTE BRAND^	4	-	HR	R	R	HR	R	-	-	R	-	-	-
ABSOLUTE BRAND GZ^	4	-	HR	R	HR	HR	HR	R	-	HR	-	-	-
ABSOLUTE BRAND II^	4	-	HR	R	HR	HR	HR	R	-	HR	R	-	-
ABSOLUTE III BRAND^	4	-	HR	R	HR	HR	HR	HR	-	HR	-	-	-
ABUNDANCE	4	3.3	HR	R	HR	R	HR	R	-	R	R	HR	-
AMERISTAND 403T	4	2.1	HR	HR	HR	HR	HR	HR	R	R	-	-	-
AV 3420	4	-	HR	R	HR	HR	HR	HR	-	-	R	-	-
DK 134	3	2.6	HR	HR	HR	HR	HR	HR	-	HR	MR	-	-
DKA 33-16	3	-	HR	HR	HR	HR	HR	HR	-	R	-	-	-
DKA 42-15	4	2.5	HR	HR	HR	HR	HR	HR	-	HR	R	-	-
DS320^	4	-	HR	R	HR	HR	HR	R	-	-	-	-	-
DS321^	4	-	HR	R	HR	HR	HR	R	-	-	-	-	-
DS322^	4	-	HR	R	HR	HR	HR	R	-	-	-	-	-
DS323^	4	-	HR	R	HR	HR	HR	R	-	-	-	-	-
EXTENDER II	4	-	HR	HR	HR	HR	HR	HR	-	HR	MR	MR	-
FEAST +EV	3	-	HR	HR	HR	R	HR	HR	-	MR	MR	-	-
FSG 400LH	4	-	HR	HR	HR	HR	HR	HR	-	R	-	-	-
FSG 406	4	2.0	HR	HR	HR	HR	HR	HR	-	R	-	-	-
FSG 408DP	4	-	HR	R	HR	HR	HR	R	-	-	-	-	-
FSG 505	5	2.9	HR	HR	HR	HR	HR	R	-	R	R	R	-
GH 700	4	2.8	HR	HR	HR	HR	HR	HR	-	HR	R	-	-
GOLDLEAF	3	2.9	HR	R	HR	R	HR	R	-	R	R	HR	-
HAYBLAZER-444 HYB^	4	-	HR	R	HR	R	HR	R	-	-	-	-	-
HYBRIFORCE-400	4	2.8	HR	R	HR	R	HR	MR	-	R	R	HR	-
HYBRIFORCE-420/WET	4	3.1	HR	R	HR	R	HR	R	-	R	HR	HR	-
MAGNUM V	4	3.1	HR	R	HR	R	HR	MR	-	R	R	MR	-

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Variety	Disease Resistance ³												
	FD ¹	WS ²	BW	VW	FW	AN	PRR	APH		PA	SN	RN	LH
								race 1	race 2				
NOVA	4	-	HR	R	HR	R	HR	MR	-	HR	-	-	-
PEGASUS	4	-	HR	HR	HR	HR	HR	R	-	-	R	-	-
PHIRST	4	-	HR	R	HR	HR	HR	R	-	R	R	HR	-
PLH 4000 BRAND [^]	4	-	HR	R	HR	HR	HR	HR	-	HR	-	-	HR
POWER 4.2	4	-	HR	R	HR	HR	HR	HR	-	R	HR	R	-
PROLIFIC	-	-	-	R	HR	R	-	R	-	R	R	HR	-
RADIANT	4	-	HR	HR	HR	HR	HR	HR	-	R	R	-	-
REBEL	4	-	HR	HR	HR	HR	HR	R	-	HR	-	-	-
RELIANCE	3	2.2	HR	HR	HR	HR	HR	R	-	R	MR	-	-
REWARD II	4	-	HR	R	HR	R	HR	R	-	R	R	HR	-
ROCKET	4	2.8	HR	R	HR	HR	HR	HR	-	R	MR	-	-
SUMMER GOLD	4	-	HR	HR	HR	HR	HR	HR	-	R	HR	R	-
TRIPLE CROWN	3	-	HR	R	HR	HR	HR	HR	-	HR	MR	-	-
TRUMP [^]	3	-	HR	R	HR	HR	HR	HR	-	R	-	-	-
TRUMP II [^]	4	-	HR	HR	HR	HR	HR	HR	-	R	R	-	-
US A4230	4	-	HR	HR	HR	HR	HR	HR	-	R	R	-	-
VERNAL	2	2.0	R	S	MR	S	S	S	-	S	-	MR	-
WL 319 HQ	3	1.6	HR	HR	HR	HR	HR	HR	LR	HR	MR	-	-
WL 327	4	-	HR	R	HR	HR	-	HR	LR	R	R	-	-
WL 338 SR	4	-	HR	R	HR	HR	HR	HR	-	R	-	-	-
WL 342	4	-	HR	HR	HR	HR	HR	HR	LR	HR	R	-	-
WL 346 LH	4	-	HR	HR	HR	HR	HR	HR	-	MR	MR	-	-
WL 348 AP [^]	4	-	HR	HR	HR	HR	HR	HR	HR	MR	MR	LR	-
WL 357 HQ	5	2.1	HR	HR	HR	HR	HR	HR	LR	HR	-	-	LR

¹ Fall Dormancy Scale: 1= Least fall growth; 9= greatest fall Growth

² WS = winter survival index as determined in University of Wisconsin and Minnesota trials:

1= superior winter survival 2= very good 3= good 4= adequate 5= low 6= no winter survival

[^] Varieties not reviewed by the National Alfalfa Review Board. Resistance information not Verified.

³Disease and Pest Abbreviations

BW= Bacterial Wilt
 VW =Verticillium Wilt
 FW = Fusarium Wilt
 AN = Anthracnose
 PRR = Phytophthora Root Rot
 APH = Aphanomyces
 PA = Pea Aphid
 SN = Stem Nematode
 RN = Root Knot Nematode
 LH = Leafhopper

%	Resistance Class
Resistant Plants	
HR = High Resistance	>50
R = Resistant	31-50
MR = Medium Resistance	15-30
LR = Low Resistance	6-14
S = Susceptible	0-5
ND = Not Determined	