

ALFALFA

	Traits	AGRONOMIC CHARACTERISTICS											DISEASE TOLERANCE								INSECT TOLERANCE							
		Fall dormancy*	Winter hardiness**	Yield potential	Forage quality	Stand persistence	Regrowth rate	Silage	Hay	Grazing	Root type	Salt tolerance	Anthrachnose race 1	Anthrachnose race 5	Aphanomyces race 1	Aphanomyces race 2	Bacterial wilt	Fusarium wilt	PRR	Verticillium wilt	Disease resistance index	Pea aphid	Spotted alfalfa aphid	Blue alfalfa aphid	Stem nematode		Northern root-knot nematode	Southern root-knot nematode
Allegiant Grazer	Conventional/ Traffic Tolerant	2	1.6	2	2	1	3	4	2	1	T	-	HR	-	HR	-	HR	HR	HR	HR	30/30	R	-	MR	MR	-	-	Allegiant Grazer
Allegiant Rancher	Conventional	4	2.0	3	3	3	3	5	2	4	T	-	R	-	R	-	HR	R	HR	HR	27/30	R	-	-	-	-	-	Allegiant Rancher
Allegiant Fighter HT	Conventional/ Salt Tolerant	4	2.0	2	3	2	2	2	2	5	T	G/F	HR	-	HR	-	HR	HR	HR	HR	30/30	R	-	-	R	-	-	Allegiant Fighter HT
Allegiant Supreme	Conventional	4	2.0	2	2	2	1	2	1	5	T	G	HR	-	HR	HR	HR	HR	HR	HR	35/35	R	R	-	R	-	-	Allegiant Supreme
Allegiant Prime 5	Conventional	5	2.0	2	2	2	1	2	1	5	T	-	HR	-	HR	HR	HR	HR	HR	HR	35/35	HR	R	-	R	-	-	Allegiant Prime 5
438RR	Roundup Ready®	4	2.0	2	2	1	1	2	1	5	T	G	HR	-	HR	HR	HR	HR	HR	HR	35/35	HR	-	-	R	-	-	438RR

Ratings

- 1 Excellent
- 3 Average
- 5 Fair

*Fall dormancy 1-11 rating scale

describes late-season regrowth, with lower ratings becoming dormant sooner

**Winter hardiness 1-6 rating scale

- 1 Excellent
- 3 Average
- 6 Fair

- HR High resistance
- R Resistance
- MR Moderate resistance
- LR Low resistance
- S Susceptible
- Not rated

- T Tap
- B Branch
- G Germ
- F Forage

FORAGE SORGHUM, SORGHUM-SUDAN AND PEARL MILLET

	AGRONOMIC CHARACTERISTICS										DISEASE TOLERANCE						INSECT TOLERANCE		
	Days to mid-bloom	Yield potential	Drought tolerance	Forage quality	Stability	Regrowth rate	Hay	Grazing	Silage	Seeds/lb	Anthraxnose	Head smut	Downey mildew	Fusarium	Charcoal rot	Maize dwarf mosaic	Sugarcane aphid	Greenbug resistance (C)	Greenbug resistance (E)
Allegiant SiloSorghum Flex Red 51	65-75	2	2	2	2	5	3	5	1	16,500	-	MR	MR	R	R	R	HR	MR	MR
Allegiant SiloSorghum BMR Dwarf	90-95	1	1	1	3	4	5	5	1	17,000	MR	-	-	-	-	-	MR	-	-
Allegiant SiloSorghum Conventional	85-90	1	1	4	1	4	3	5	1	16,000	MR	-	-	-	-	-	LR	-	-
Allegiant HighYield BMR Dwarf	65-70	3	1	1	1	1	3	1	3	17,000	R	-	-	-	-	-	MR	-	-
Allegiant HighYield BMR	90-95	1	1	2	2	1	1	1	3	17,000	MR	-	-	-	-	-	MR	-	-
Allegiant HighYield BMR PS	Up to 180	1	1	2	2	1			3	17,000	HR	-	-	-	-	-	HR	-	-
Allegiant HighYield Conventional	90-95	2	1	4	1	2	1	1	3	19,000	MR	-	-	-	-	-	HR	-	-
Allegiant PearlPlus Conventional	70-75	4	2	3	1	1	1	1	5	50,000	HR	-	-	-	-	-	HR	-	-

Ratings

1 Excellent
3 Average
5 Fair

HR High resistance
R Resistance
MR Moderate resistance

LR Low resistance
S Susceptible
- Not rated

Seed treatment options	
Base treated	Fungicide - protects seed from moles and <i>Pythium</i> while germinating and emerging. Insecticide - protects seed while still in bag before planting.
SorPro/Concep treatment	Includes base treatment. Herbicide - protects the seed from Dual or similar type pre-plant herbicides while germinating and emerging, effectiveness lasts approximately 10 days after planting.
Nipsit/Poncho treatment	Includes base treatment. Insecticide - protects the growing plant from sucking and chewing insects, greenbugs, aphids and other pests for approximately 90 days.

Seeding rates (lb/acre)				
Product	Dryland		Irrigated/Copious rainfall	
	Drilled/Rows	Broadcast	Drilled/Rows	Broadcast
Sorghum-Sudan Conventional	10-20	15-25	40-50	50
Sorghum-Sudan BMR	10-20	15-20	25-30	30-35
Forage Sorghum	4-8	Not advised	6-10	Not advised
Hybrid Pearl Millet	10	10-15	15-20	20-25

Based on 15,000 - 17,000 seeds/lb (except for hybrid pearl millet)