

ALFALFA

		AGRONOMICS											DISEASE AND INSECT RESISTANCE															
	Traits	Fall Dormancy	Winter Hardiness*	Root Type	Salt Tolerance	Yield Potential	Forage Quality	Regrowth Rate	Stand Persistence	Silage	Hay	Grazing	Anthracnose Race 1	Anthracnose Race 5	Aphanomyces Race 1	Aphanomyces Race 2	Bacterial Wilt	Fusarium Wilt	Phytophthora	Verticillium Wilt	Pea Aphid	Spotted Alfalfa Aphid	Blue Alfalfa Aphid	Stem Nematode	Northern Root Knot Nematode	Southern Root Knot Nematode	Disease Resistance Index	
Allegiant Grazer	Conventional/ Traffic Tolerant	2	1.6	T	NR	2	2	3	1	4	2	1	HR	NR	HR	NR	HR	HR	HR	HR	R	NR	MR	MR	NR	NR	30/30	Allegiant Grazer
Allegiant Rancher	Conventional	4	2.0	T	NR	3	3	3	3	5	2	4	R	NR	R	NR	HR	R	HR	HR	R	NR	NR	NR	NR	NR	27/30	Allegiant Rancher
Allegiant Fighter HT	Conventional/ Salt Tolerant	4	2.0	T/B	G/F	4	3	3	3	4	2	4	R	NR	R	NR	HR	HR	HR	HR	R	NR	NR	HR	HR	R	28/30	Allegiant Fighter HT
Allegiant Supreme	Conventional	4	2.0	T	G	2	2	1	3	2	1	5	HR	NR	HR	HR	HR	HR	HR	HR	R	R	NR	R	NR	NR	35/35	Allegiant Supreme
438RR	Roundup Ready®	4	2.0	T	G	2	2	1	1	2	1	5	HR	NR	HR	HR	HR	HR	HR	HR	HR	NR	NR	R	NR	NR	35/35	438RR
Allegiant Prime 5	Conventional	5	2.0	T	NR	2	2	1	2	2	1	5	HR	NR	HR	HR	HR	HR	HR	HR	HR	R	NR	R	NR	NR	35/35	Allegiant Prime 5

Ratings

- 1 Excellent
- 3 Average
- 5 Fair

Winter Hardiness

- 1 Excellent
- 6 Fair

Resistance

- HR High Resistance
- R Resistance
- MR Moderate Resistance
- LR Low Resistance
- S Susceptible
- NR Not Rated

Root Type

- T Tap
- B Branch

Salt Tolerance

- G Germ
- F Forage



FORAGE SORGHUM, SORGHUM-SUDAN AND PEARL MILLET

	Maturity: Days to Mid-Bloom	Maturity: Days to Harvest	Yield Potential*	Drought Tolerance	Forage Quality*	Standability	Regrowth	Used for Hay	Used for Grazing	Used for Silage	Seeds/lb
Allegiant PearlPlus Conventional	70-75	40-60	4	2	3	1	1	1	1	5	50,000
Allegiant HighYield BMR Dwarf	65-70	40-65	3	1	1	1	1	3	1	3	17,000
Allegiant HighYield BMR	90-95	40-90	1	1	2	2	1	1	1	3	17,000
Allegiant HighYield Conventional	90-95	40-85	2	1	4	1	2	1	1	3	19,000
Allegiant HighYield BMR PS	up to 180	40-120	1	1	2	2	1	1	1	3	17,000
Allegiant SiloSorghum Flex Red 51	65-75	110-115	2	2	2	2	5	3	5	1	16,500
Allegiant SiloSorghum BMR Dwarf	90-95	115-120	1	1	1	3	4	5	5	1	17,000
Allegiant SiloSorghum Conventional	85-90	120-125	1	1	4	1	4	3	5	1	16,000

Ratings

- 1 Excellent
- 3 Average
- 5 Fair

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)				
	Dryland		Irrigated/Copious Rainfall	
Product	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)