

Alfalfa Agronomic Chart

Product	Traits	Fall Dormancy	(1-6, 1 being the best)	T = Tap, B = Branch	G = Germ, F = Forage	Disease Resistance Index	Agronomics (1-5, 1 being the best)							Disease, Insect, and Nematode Resistance HR = High Resistance, R = Resistance, MR = Moderate Resistance, LR = Low Resistance, S = Susceptible, NR = Not Rated													
							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
Allegiant Grazer	Conventional-traffic tolerance	2	1.6	T	NR	30/30	2	2	3	1	4	2	1	HR	NR	HR	NR	HR	HR	HR	HR	R	NR	MR	MR	NR	NR
Allegiant Rancher	Conventional	4	2	T	NR	27/30	3	3	3	3	5	2	4	R	NR	R	NR	HR	R	HR	HR	R	NR	NR	NR	NR	NR
Allegiant Fighter HT	Conventional-salt tolerance	4	2	T/B	G/F	28/30	4	3	3	3	4	2	4	R	NR	R	NR	HR	HR	HR	HR	R	NR	NR	HR	HR	R
Allegiant Supreme	Conventional	4	2	T	G	40/40	2	2	1	3	2	1	5	HR	HR	HR	HR	HR	HR	HR	HR	R	R	NR	R	NR	NR
438RR	Roundup Ready®	4	2	T	G	35/35	2	2	1	1	2	1	5	HR	NR	HR	HR	HR	HR	HR	HR	HR	NR	NR	R	NR	NR
Allegiant Prime 5	Conventional	5	2	T	NR	34/35	2	2	1	2	2	1	5	HR	NR	HR	R	HR	HR	HR	HR	HR	R	NR	R	NR	NR

Forage Sorghum, Sorghum - Sudan and Pearl Millet Agronomics

(Scale of 1-5, with 1 being the best)

Hybrid	Product Type	Maturity: Days to Mid-bloom	Maturity: Days to Harvest	Yield Potential	Forage Quality	Drought Tolerance	Standability	Regrowth	Baled Hay	Grazing	Silage	Seeds/lb
Allegiant PearlPlus Conventional	Pearl Millet	70-75	40-60	5	3	2	1	1	2	1	4	50,000
Allegiant PearlPlus BMR	Pearl Millet	70-75	40-65	4	2	2	2	1	2	1	4	50,000
Allegiant HighYield Conventional Rancher	Sorghum-Sudan	60-65	40-60	3	4	1	1	1	1	1	3	19,500
Allegiant HighYield BMR Dwarf	Sorghum-Sudan	65-70	40-65	3	1	1	1	1	3	1	3	17,000
Allegiant HighYield BMR	Sorghum-Sudan	90-95	40-90	1	2	1	2	1	1	1	3	17,000
Allegiant HighYield Conventional	Sorghum-Sudan	90-95	40-85	2	4	1	1	2	1	1	3	19,000
Allegiant HighYield BMR PS	Sorghum-Sudan	-	40-120	1	2	1	2	1	1	1	3	17,000
Allegiant SiloSorghum Flex Red 51	Forage Sorghum	65-70	110-115	2	2	2	2	5	3	5	1	16,500
Allegiant SiloSorghum BMR Dwarf	Forage Sorghum	90-95	115-120	1	1	1	3	4	5	5	1	17,000
Allegiant SiloSorghum Conventional	Forage Sorghum	85-90	120-125	1	4	1	1	4	3	5	1	16,000

Seeding Rates (lb/acre)				
Product Type	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)

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.