

ALFALFA GUIDE

Alfalfa	Fall Dormancy	Winter Survival	Yield Level	Traffic	Forage Quality	Root Type	Innoculant	Features	Benefits	Best Use
Phirst Extra Hybrid	4	1.6	9.5	9	9.1	Tap	Yes	-Fine Stems -Rapid Recovery -Fast Emergence -Dense Uniform Stand	-Attractive Bales/Faster Curing -Better use of growing season -Weed Control, Reduced Herbicide -Ground Cover/Drought Tolerant	-Quality Forage -Best Ground -Maximize Yields
Persist II™ <i>Conventional</i>	4	1.8	9.2	8.9	9.1	Tap	Yes	-Disease Resistant -Fast Recovery -Excellent Persistence	-Broad adaptability -Better timing of later cuttings -Regrowth	-Quality Forage -Good Soil -Intense Cuttings
WL355.RR Roundup Ready	4	1.8	9	9	9.1	Tap	Yes	-Roundup Ready technology -Excellent disease resistance	-Easier establishment -Broad adaptability	-Areas with high weed pressure
Prolific II™ <i>Moisture Tolerant</i>	3.8	1.6	9	9.2	8.9	Branch	Yes	-Excellent on wet soils -Disease Resistant Package	-Utilize low ground -Adaptable to many areas -No heaving	-Low Ground -Heavy Soils -High Traffic Areas
SalinityMax™ <i>Salt Tolerant</i>	3.8	1.8	9	9	8.9	Tap Branch	Yes	-Excellent salinity resistance -Excellent disease resistance package	-Adapted to high salinity soils -Exceptional yields	-Soils with high salinity -Soils with high alkalinity
PasturePlus™ <i>Grazing Tolerant</i>	3.8	1.7	8	8.3	7.8	Branch	Yes	-Excellent in mixes w/ grass -Excellent disease resistance package	-Adaptable to many areas -No heaving	-Mix with grasses in pastures to be hayed or grazed
SurvivorPlus™ <i>Irregular Soil</i>	3.5	1.9	8.8	8.6	8.6	Tap	Yes	-Adaptability to a variety of soil situations -Blend of alfalfa varieties	-Risk management during establishment year -For areas with soil variability	-Fields with irregular soils
Falcata <i>Yellow Flowered</i>	3	2	4	8.5	8	Fibrous	Yes	-Drought resistance -Grazing resistance	-Bloat free -Longevity	-Upland native range -Tame pasture in semi-arid environment
South Dakota Common	3	1.8	7	8.2	8.5	Tap Branch	No	-Drought resistance	-Durable	-Poor soils -Land reclamation -Soil stability
Vernal <i>Old School</i>	2	2	5	7.5	7.9	Tap	No	-Original alfalfa genetics	-Durable	-Land reclamation -Soil stability

Phirst Extra Hybrid

- Bred with ground breaking technology using msSunstra hybrid alfalfa technology
- Offers a consistent dependable high forage yield which no other alfalfa can match
- Characterized by aggressive re-growth and develops with fine stems
- Ultra fast re-growth defends the soil from weed germination and water loss
- Fine stems dry down earlier, and create a denser more attractive bale

Persist II

- Your alfalfa yield leader when using conventionally bred alfalfa
- Dairy producers have come to depend on the high relative forage quality
- Expresses an agronomic package which is highly resistant to all major alfalfa pathogens
- An excellent choice for beef and dairy producers striving to boost alfalfa production and quality

WL355.RR

- Roundup Ready technology
- Great for getting weedy areas established
- Excellent yield and disease resistance package
- Good winter hardiness

Prolific II

- Third generation alfalfa genetically designed with greater degree of branched rooted trait
- Combines high resistance to pathogens that inhabit wet soils
- Root system above water table better secures the plant when freezing and thawing occurs
- Branch-rooted trait will adjust as moisture stresses intensify
- More persistent and productive in areas not considered for hay production

SalinityMax

- Selected from saline seeps in the Dakotas
- Branched root trait selection
- Tolerates areas of high salinity and moisture
- Excellent disease resistance package

PasturePlus

- Excellent in mixes with grass
- Grazing resistant
- Excellent persistence
- Winter hardy

SurvivorPlus

- Top performing blend
- Diversity ensures a great stand for a variety of situations
- Best suited for grass/alfalfa seedings

Falcata

- Ideal for Rangeland Conditions
- Best for interseeding an alfalfa into pasture

South Dakota Common

- Common genetics
- Winter hardy
- Good longevity

Vernal

- Original Lines of Alfalfa
- Winter Hardy

Alfalfa Management

A good stand of alfalfa starts with seed bed preparation. The soil should be free of weeds, clod free, and firm for optimum seed placement. A soil test should be taken and proper application of fertilizer needs to be applied to match requirements. When seeding the alfalfa it should be planted at a rate of 15-20 lbs per acre ¼ to ½ inch deep.



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