

PROSPER

SUMMER DORMANT FESCUE

BARENBRUG

MEDITERRANEAN TALL FESCUE



Prosper is a high quality (summer dormant) winter-active perennial forage grass that has the ability to persist under harsh growing conditions. Prosper was originally developed in Australia and brought to the U.S. for research in Vernon, Texas by Dr. Dariusz Malinowski. The research has been well documented and is available to the public. The findings lead researchers to believe that summer dormant fescue is a viable alternative to winter wheat and wheatgrasses in the Southern Great Plains. Prosper has the ability to go completely dormant in the summer due to increasing day length and warmer temperature regardless of soil moisture. It produces and releases strong antioxidants that protect the plant from drought stress and allow it to break summer dormancy when triggered by cooler temperatures and decreasing day length in the fall. Prosper fescue is sustainable, nutritious, productive and safe for all livestock. It is easily propagated by seeds that are coated with Yellow Jacket, a proprietary seed coating containing ZEBA, a patented compound that holds moisture and nutrients to aid in establishment.

- ▶ Obligatory summer dormant, winter-active trait for sustainability.
- ▶ High quality, soft and palatable leaves for good nutrition.
- ▶ Toxin-free for healthy horses, sheep, goats and cattle.
- ▶ Yellow Jacket® coated seed for establishment under stressful conditions.



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ADAPTATION - CLIMATE

Prosper is adapted to semiarid Mediterranean type climates like the Southwestern U.S. Prosper is best adapted to Texas, Oklahoma, New Mexico, Arizona and California in areas that receive greater than 15 inches of annual rainfall.

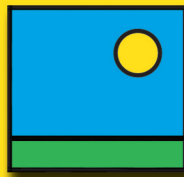
ADAPTATION - SOIL

Prosper is best adapted to medium to heavy fertile clay and black soils that retain some moisture with a 6.5-8 pH. Prosper does not do well on sandy dry soils with low fertility.



PROSPER

COMPETITOR



PROSPER

SUMMER DORMANT FESCUE

USES

Prosper is well-suited to grazing by cattle, horses, sheep and goats during the fall, winter and springs months (October-May). It is a soft leafed palatable improved forage grass that is safe and healthy for livestock. Prosper is a sustainable alternative to grazing wheat providing a longer growing season with a perennial grass. It is also higher quality and more productive than Jose Tall Wheatgrass.

ESTABLISHMENT

Prosper should be planted into a weed free site. Planting may be done with a precision or no-till drill. Broadcasting seed on to a well prepared seedbed and dragging or harrowing yields good results. Plant seeds no deeper than 1/2 inch deep. Planting should be done when moisture is available in the fall or early spring time of the year. Avoid grazing the first spring to allow the plants an opportunity to establish and develop a strong root system.

SEEDING RATE

Full cultivation rate: 10-15 lbs / acre
No-till seeding: 10 lbs / acre
Broadcast seeding rate: 25 lbs / acre

MANAGEMENT

Prosper may be grown under irrigation or in dry-land areas unsuitable for traditional cool season perennial grasses. Prosper tolerates hot dry summers but does not tolerate extremely cold winters. Under dry land conditions fertilize with 30 units of Nitrogen in the fall (October) and 30 units in the spring (March). Under irrigation higher rates of fertilization may be used to optimize yields. Grazing can begin in the fall following the year of establishment. Grazing from 10" down to 6" is recommended. It can tolerate grazing down to 3" stubble height but this will decrease its ability to survive extreme drought. Rotational grazing is recommended. Take half and leave half is the rule.

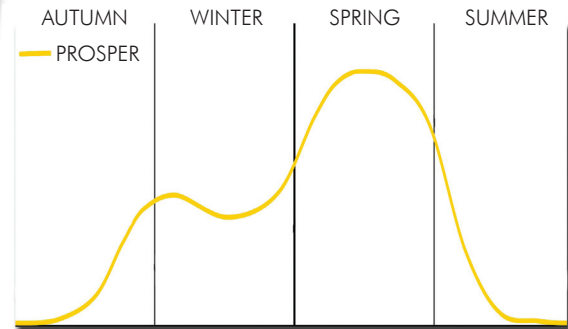
YIELDS DRY-LAND CONDITIONS

PROSPER TALL FESCUE 3,434

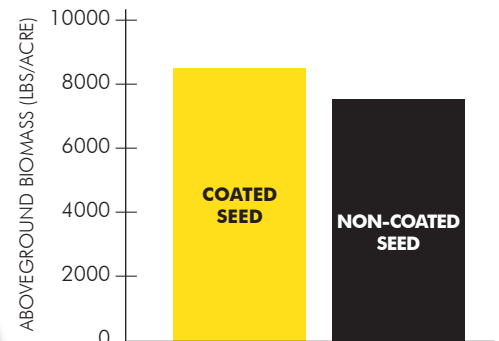
JOSE TALL WHEATGRASS 3,112

4 year average annual dry matter yield from 2003-06
Texas AgriLife Research Center Vernon, TX

GROWTH CURVE



COATED SEED VS. UNCOATED SEED



Conclusion: 15% more forage production/acre in the first season from plants grown with Yellow Jacket coated seed, than plants grown from raw seed planted at the same 15 lbs/acre rate.



DISTRIBUTOR

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