



PX1 Alfalfa

Alfalfa



350mm+ or irrigation



5.0 – 8.0



Deep well drained



AL or AgriCote®



Pending

Perfectly suited to cut and carry operations, PX1 is a high performing, highly winter active variety bred from elite parent material from Australia and the USA. It demonstrates extremely fast establishment and will provide high year round forage yield, which means it can be adapted to various farming systems that demand high performance products.

Key features

- High yield potential, exceptional trial results in both Australian and US trials
- Bred for improved persistence and productivity over traditional dormancy 10 varieties
- Good all round pest and disease resistance/tolerance

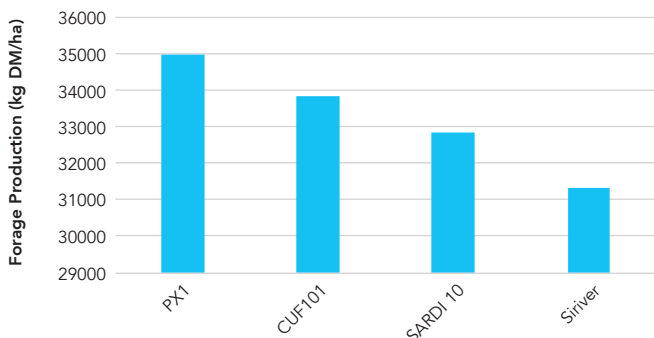
Key benefits

- Very high yielding in desert environments
- Superior establishment and reduced time to first cut compared to CUF 101 and Siriver
- PX1 35% higher first cut increase over CUF 101 and Siriver in US trial results

Trial results

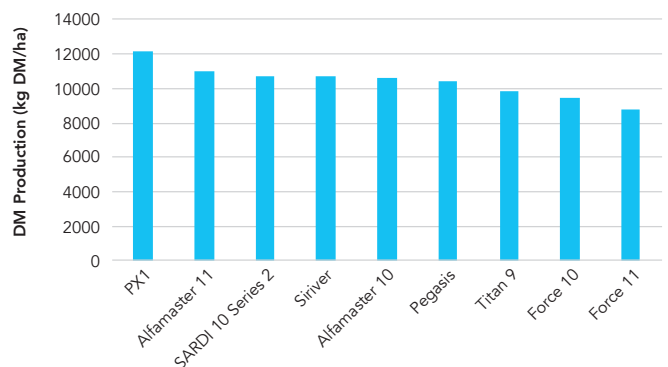
PX1 has performed well in various trials thus far. Ongoing work is being conducted to assess its long-term performance.

El Centro California Forage Yield (2017 - 2018)



Independent trial data from the University of California for both forage yield and winter activity

FD 9-11 Alfalfa Trial Howlong - 2018



Agronomy and management

It is important that alfalfa seedlings are given adequate time to establish prior to the first cut or grazing. Failure to do so can result in reduced plant numbers and hence plant density and the quality of the overall stand reduces. The first cut / graze should occur when the plants have an established root system and height around 5–10 cm.

This may take 6–8 weeks depending on growing conditions. After the initial cut / graze it is important that the stand be given adequate time to regrow before going through the process again. This is normally around 4–6 weeks, care should be taken to avoid over stocking.

Pest and disease ratings (crop characteristics, UC Davis, USA)

PX1 is highly resistant (HR) to spotted alfalfa aphid (*Therioaphis trifolii*) and blue green aphid (*Acyrtosiphon kondoi*). As with other alfalfa varieties, PX1 is susceptible to damage from red legged earth mite (*Halotydeus destructor*) and control measures need to take place prior to seeding or soon after germination. AgriCote seed will aid establishment in these circumstances.

PX1 is resistant (R) to phytophthora root rot (*Phytophthora medicaginis*) and anthracnose.

Pest/disease	Rating
Bacterial wilt	MR
Fusarium wilt	R
Verticillium wilt	R-HR
Phytophthora root rot	R
Alfalfa stem nematode	LR
Blue alfalfa aphid	HR
Pea aphid	MR
Spotted alfalfa aphid	HR

R = Resistance M = Med H=High L = Low



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