

AC Greenfix, is a new high nitrogen-fixing legume. Producers are coming to appreciate AC Greenfix as highly nutritious, high protein (22-26% average) forage, with the added benefit of being much lower in bloat than alfalfa or clover. The solid stem and grassy leaves have proven to be extremely palatable with superior performance in grazing trials. When planted with Bermuda grass, gains on steers have been noted at 3.78 lbs per day. Dairy farmers have reported increased butterfat and milk production by adding only 9 lbs per day of AC Greenfix to the ration.

What is AC Greenfix? It is also known as a grass pea (*Lathyrus sativus* L.) around the world. Research done at the Semiarid Prairie Agricultural Research Centre in Swift Current, Saskatchewan Canada by Dr. V. O. Biederbeck, developed this variety to easily produce 80-100 lbs of nitrogen per acre with over 200 lbs shown in some soil tests in only 60-70 days. Studies have shown it can greatly reduce nitrogen costs (as much as 85% of the N is available to future crops) while increasing yields and boosting fertility and bacterial life in the soil.

The moisture efficient plants have a strongly indeterminate growth pattern and have been observed to be more frost tolerant than oats or barley. It performs well alone or inter-seeded with other crops and is beneficial for deer and other wildlife.

Yields vary according to available moisture and soil conditions from 2000-9000 lbs/DM/acre. For maximum growth, seeds need to be inoculated with a rhizobial inoculant, soil should be tested to meet legume requirements, a pH from 6-9 is recommended. Do not apply nitrogen fertilizer. AC Greenfix is noted for excellent germination with no hard seed carryover and performs well until temperatures consistently hit the 90's and 100's.

For more information or to obtain seed, please contact Dakota Frontier Seeds, phone 701-597-3919 or [dakotafreierseeds@westriv.com](mailto:dakotafreierseeds@westriv.com).

D A K O T A F R O N T I E R S E E D S

grow  
• your own  
nitrogen

**NEW** ac greenfix

**Annual Legume**