

Technical Bulletin

Genes that fit *your* farm.

SeCan

Canada's Seed Partner

AC Blue J

Alfalfa (*Medicago sativa*)

Alfalfa (*Medicago sativa*) is characterized by a deep tap root, narrow crown, fairly wide leaves, erect stems and predominately purple flowers. Alfalfa has been referred to as the “Queen of Forages” due to its importance as a forage crop.

Bred in Canada for the harsh Canadian environment **AC Blue J** provides superior yield potential in all crop zones, especially under irrigation and higher moisture regions where maximum productivity is wanted.

Highlights:

- 6% higher forage yield potential than the check variety Beaver from all

testing locations in western Canada including, British Columbia

- 8% higher forage yield potential under irrigated conditions across western Canada
- Selected for improved regrowth potential after cutting compared to Beaver
- Resistant to verticillium wilt and bacterial wilt
- Traditional trifoliate, tap rooted alfalfa variety

Breeder:

Dr. Surya Acharya
Lethbridge Research Centre
Agriculture and Agri-Food Canada

Summary of **AC Blue J Alfalfa** yield potential from all testing locations across western Canada

Zone	Site Years	Beaver kg/ha	AC Blue J kg/ha	% Beaver
Irrigation	9	12761	13751	108
Dryland	18	10131	10403	103
Overall	42	10795	11407	106

Note: Dry matter yields in kg/ha

