

# Technical Bulletin

Genes that fit *your* farm.



## AC<sup>®</sup> Dalton 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<sup>®</sup> Dalton provides superior yield potential in all crop zones especially under irrigation and higher moisture regions where maximum productivity is wanted.

### Highlights:

- 4% higher forage yield potential than the check variety Beaver from all testing locations in western Canada including BC

- 8% higher forage yield potential under irrigated conditions across western Canada
- 22% better regrowth potential after cutting compared to Beaver
- Improved verticillium wilt resistance compared to Beaver and Barrier
- Deeply set crown
- Traditional trifoliolate, tap rooted alfalfa variety

### Breeder:

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

Summary of AC<sup>®</sup> Dalton Alfalfa yield potential from all testing locations across western Canada

Zone	Site Years	Beaver kg/ha	AC <sup>®</sup> Dalton kg/ha	% Beaver
Irrigation	9	8593	9285	108
Dryland	37	7747	8017	103
<b>Overall</b>	<b>46</b>	<b>7912</b>	<b>8265</b>	<b>104</b>

Note: Dry matter yields in kg/ha



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For more information, call 1-800-665-7333 or visit [www.secan.com](http://www.secan.com)

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