

Irrigation Management Branch Brooks AB

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Ensuring that water diverted to the farm for irrigation is used as efficiently and effectively as possible.

Irrigation Technology

Alfalfa seed project using sub-surface drip irrigation.
Assess uniformity of low elevation, high efficiency sprinklers.
Evaluate variable-rate irrigation for practical application with center pivot irrigation.
Calculate water savings with potato production by altering hill shape for better infiltration of applied water.

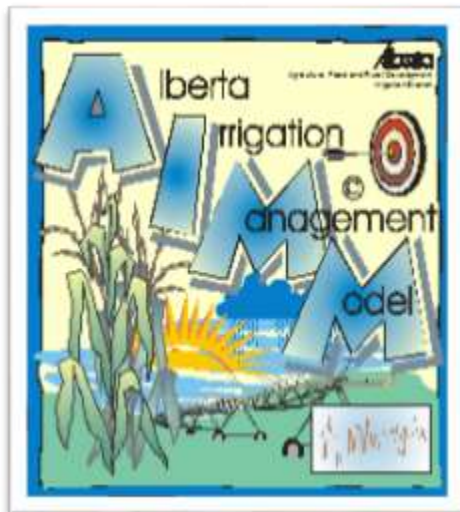


Irrigation Management

Promote the use of scientific irrigation scheduling for optimizing irrigation applications (when to irrigate and how much water to apply)

Desktop based –

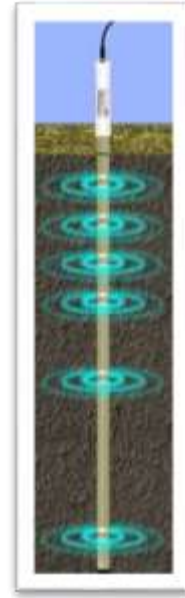
[Alberta Irrigation Management Model](#)



Irrigation Scheduler Mobile



Evaluate soil water sensors for application to irrigation scheduling.



Train irrigators on latest technology and techniques



Research trials on how best to irrigate current and newer, emerging crops.

Irrigation trials on:

Grain corn

Alfalfa for seed

Dry beans

Soybean



Canola for seed



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