

*Bean Agronomy Network~ Partnership in Industry
Alberta Pulse Growers*

July 30, 2004 - BAN Alert #7

Here are the results todate on the Soil Moisture Monitoring in Dry Beans

To learn more first hand, plan on joining Dave Hyland in the field. Call 403-545-2231 for more details.

ALBERTA PULSE GROWERS / IRRIGATION BRANCH

"Incorporation of Soil Moisture Monitoring for Irrigation Scheduling in Dry Beans"

JULY 30/04

| Site Location | Co-operator | Crop Water Use to Date mm | Projected Crop Water Use Next 7 Days mm | Date and Time of visit |
|----------------------|--------------------|--|--|-----------------------------------|
| NE 34-13-16-4 | Bennen Farms | 134 | 30 | Wednesdays 10:30 am |
| W1/2 NE 20-9-15-4 | Greg Sekura | 140 | 35 | Wednesdays 2:00 pm |
| N1/2 SE 3-9-12-4 | Andy Dykstra | 150 | 32 | Thursdays 10:30 am |
| NE 22-10-11-4 | Clifford Keeler | 153 | 32 | Thursdays 1:30 pm |

Submitted by:

David Hyland

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AAFRD-Irrigation Branch

Farm Irrigation Management Section

The purpose of this study is to demonstrate the utility of using the information from soil moisture sensors to assist with irrigation scheduling. 4 fields have been instrumented with soil moisture probes. Weekly farmer meetings have been planned and include determining soil moisture with the soil moisture probe, irrigation management using the Irrigation Handbook, demonstration of soil tracking with the Alberta Irrigation Management model and agronomic evaluation.