

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

August 13, 2004 - BAN Alert #9

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"

AUGUST 13/2004

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	189	29	Wednesdays 10:30 am
W1/2 NE 20-9-15-4	Greg Sekura	199	27	Wednesdays 2:00 pm
N1/2 SE 3-9-12-4	Andy Dykstra	207	25	Thursdays 10:30 am
NE 22-10-11-4	Clifford Keeler	213	25	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.