

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

September 2, 2004 - BAN Alert #12

Please Note - Message from Dave Hyland

"The sites were removed last week. The crops were still using a small amount of water. I wanted to get the tubes out just in case the producers would cut the crop before the next visit."

Final report will be forwarded when an analysis is complete

**ALBERTA PULSE GROWERS / IRRIGATION BRANCH**

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

**SEPTEMBER 2/2004**

<b>Site Location</b>	<b>Co-operator</b>	<b>Crop Water Use to Date mm</b>	<b>Projected Crop Water Use Next 7 Days mm</b>	<b>Date and Time of visit</b>
NE 34-13-16-4	Bennen Farms	250	0	Wednesdays 10:30 am
W1/2 NE 20-9-15-4	Greg Sekura	254	0	Wednesdays 2:00 pm
N1/2 SE 3-9-12-4	Andy Dykstra	254	0	Thursdays 10:30 am
NE 22-10-11-4	Clifford Keeler	260	0	Thursdays 1:30 pm

Submitted by:  
David Hyland  
Irrigation Management Training Technologist  
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.