

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

### August 19, 2004 - BAN Alert #10

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"**

#### **AUGUST19/2004**

<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	213	26	Wednesdays 10:30 am
W1/2 NE 20-9-15-4	Greg Sekura	223	24	Wednesdays 2:00 pm
N1/2 SE 3-9-12-4	Andy Dykstra	227	21	Thursdays 10:30 am
NE 22-10-11-4	Clifford Keeler	233	22	Thursdays 1:30 pm

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.