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### **Conference Contributors:**

AgPro Agricore United Agrium Basf Canada Bayer CropScience Cargill AgHorizons Dow AgroSciences Ducks Unlimited DuPont Canada Monsanto Canada Norwest Labs/Bodycote Parrish & Heimbecker Ltd. Reduced Tillage Linkages SeCan Syngenta Crop Protection The Alberta Environmental Farm Plan Company United Farmers of Alberta

### Organizing Committee:

Ross McKenzie, AAFRD Rob Dunn, AAFRD Doon Pauly, AAFRD Trevor Wallace, AAFRD Scott Meers, AAFRD Judy Lee, AAFRD Don Wentz, RT Linkages Jim Moyer, AAFC Steve Larocque, Beyond Agronomy Ltd. Don Pittman, Pittman Agronomy Ltd. Elizabeth Tokariuk, Southern Applied Research Association

### <u>Certified Crop Advisor – Credits:</u>

Application has been made for 10 CCA credits. (2 NM, 1.5 SW, 3.5 PM, 3.0 CM) Pesticide Applicators credits – 3 credits

For registration information contact: Judy Lee (403)-381-5849 Phone (403) 382-4526 Fax For conference information contact: Ross McKenzie (403)-381-5842 Rob Dunn (403) 381-5904 Doon Pauly (403) 742-7928

### **CONFERENCE REGISTRATION**

## **REGISTRATION IS LIMITED TO THE FIRST 350 REGISTRANTS.**

Please return registration form and a <u>cheque or</u> money order made payable to "Southern Applied <u>Research Association</u>" by January 3, 2007.

If paying by Visa or Mastercard, please include Cardholder name, Card Number and Expiry Date.

Early registration fee is \$85.00/person prior to January 3, 2007. After January 3, 2007 late registration fee is \$100.00/person. Registration fee includes 2 lunches, a continental breakfast, coffee breaks and the conference proceedings.

Registration fee MUST BE PAID to be considered a registered participant.

### **ACCOMMODATION**

A block of rooms have been reserved at the Lethbridge Lodge Hotel, 320 Scenic Drive South, Phone: 1-800-661-1232. You are encouraged to book as soon as possible.

### **Cancellation Policy:**

- A) Refunds will be no more than 90% of the registration fee, at the discretion of the planning committee.
- B) No refunds will be issued until all conference bills have been cleared through the bank.
- C) All refund requests are required to be received by the Committee of the Conference prior to Jan. 12, 2007. Late requests cannot be paid.
- D) If refunds exceed the surplus funds, the number of refund requests will be divided into the surplus. The resulting figure will be paid out as refund.

Any personal information obtained from the registration for this conference will only be used by this office for the promotion of our events in accordance with the Freedom of Information and Protection of Privacy (FOIP) Act. If you do not wish to have your name and address on this mailing list, please let the organizers know.

## AGRONOMY UPDATE 2007 CONFERENCE

## January 16 & 17, 2007



## Lethbridge Lodge Hotel Lethbridge, Alberta

### Organized by:

- Alberta Agriculture, Food and Rural Development
- Southern Applied Research Association

### Tuesday, January 16, 2007 **REGISTRATION AND COFFEE** 8:00

- 8:45 **OPENING COMMENTS – Rob Dunn**

Crop Health Management -Keith Mills, Chair

- Dr. Ron Howard 2007 Disease synopsis 9.00and forecast
- Dr. Denis Gaudet Stripe rust 9:30 identification and management
- 9:45 Dr. Kelly Turkington – Fungicide application decision making
- **COFFEE BREAK** 10:00

### Soil Fertility & Fertilizers -Steve Larocque, Chair

- 10:30 Dr. Ross McKenzie A better understanding of nitrogen dynamics
- Brian Beres ESN fertilizer southern 11:00 Alberta experiences
- Stu Brandt Safe rates of seed-placed 11:15 ESN versus other N fertilizers
- 11:30 Dr. Rigas Karamanos Pro's and con's of foliar fertilization
- 11:45 Dr. Adrian Johnston – Nutrient stratification issues in direct seeding
- 12:00 LUNCH
- 12:45 Lunch Speaker – Dr. Brad Stelfox "Effects of Non-Agricultural Activities on Alberta Landscapes"

### Soil Management -Rob Dunn, Chair

- Kathrvn Bessie Affects of soil 1:45 disturbance from non-agricultural activities and reclamation practices
- Dr. Harold Steppuhn Which crops have 2:15 the best salinity tolerance?

Stu Brant – Lessons from crop rotation 2:30studies in Saskatchewan

### **COFFEE BREAK** 3:00

Insect Management -Don Pittman, Chair

- Scott Meers 2007 Insect update and 3:15 forecast
- Dr. Hector Carcamo Update on the Pea 3:30 leaf weevil
- Dr. Lloyd Dosdall Cereal leaf beetle 3:45
- Dr. Lloyd Dosdall What drives insect 4:00cvcles?
- Dr. Owen Olfert How will global 4:30 warming impact insect pests?

### SUPPER – ON YOUR OWN

EVENING SOCIAL – 8:00 to 10:30 pm Sponsor – Dow AgroSciences

### Wednesday, January 17, 2007 7:00 – 8:30 CONTINENTAL BREAKFAST

Crop Management -Doon Pauly, Chair

- Dr. Neil Harker Integrated canola 8:30 management
- Doug Moisey Latest canola production 8:45 tips
- Bill Chapman What market are you 9:00 growing for?
- Earl Greenough Key pointers for pulse 9:15 crop production
- Brian Beres Optimizing cereal seeding 9:30 rates for yield and quality
- Rob Dunn Planting date impacts for 9:45 dryland crops

### COFFEE BREAK 10:00

### Weed Management -Don Wentz, Chair

- 10:30 Dr. Jim Moyer Weed suppression with cover crops
- Dr. Bob Blackshaw Foxtail barley 10:45 control strategies
- Ken Sapsford Dandelion control 11:00 strategies
- Brian Storozynsky Choosing a 11:30 spray nozzle
- 11:45 Keith Mills – Adapting to change, update on minor use herbicides

### 12:00 LUNCH

12:45 Luncheon Speaker – Brian Otto "The state of agriculture - A farmer's perspective"

### Non-food Crop Opportunities -Trevor Wallace. Chair

- Mathew Machielse Crop production for 1:30 non-food uses: The big picture!
- Trevor Kloeck Opportunities and 2:00 challenges for Ag bio-fibers!
- Ed Phillipchuk Plastics from the farm 2:15 An emerging opportunity!
- 2:30 Dr. Paul Watson – Development of a new crop, "Prairie Carnation"
- Kelsey Prenevost Bio-diesel potential 2:45 for Alberta
- **CONFERENCE WRAP UP -**3:00 **Trevor Wallace**

# gronomy Update Conference 2007

## Mail this registration form to:

5401 Agriculture Centre, #100,

**Avenue South** 

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LETHBRIDGE,

Alberta Agriculture, Food and Rural Development

c/o Judy Lee