



Agriculture and  
Agri-Food Canada

Agriculture et  
Agroalimentaire Canada



Manitoba  
Canola Growers



SaskCanola  
Saskatchewan Canola Development Commission



## Canola/Flax Canadian Agri-Science Cluster Initiative

### SaskCanola Developing Innovative Agri-Products

#### Research Committee Results Meeting

7:30 am CDT – Wednesday, March 21, 2012

7:30 am **Registration and Continental Breakfast**

8:00 am **Opening Remarks:**  
Director,

Dr. George Clayton, Program  
Science Partnerships, AAFC  
Lisa Campbell,  
Research Manager, CCC

8:10 am **Presentations:**

“Improving Canola Establishment & Uniformity  
Across Various Soil-Climatic Zones of Western  
Canada” (3.1.4)

Dr. Yantai Gan, AAFC – Swift

Current

8:30 am “Factors Influencing Canola Emergence” (3.1.6) Dr. Bob Blackshaw, AAFC –  
Lethbridge

8:50 am “Enhancing Nitrogen Management in Canola  
Production: Addressing Field Spatial and  
Temporal Variability with In-Crop Variable Rate  
Applications of Nitrogen Fertilizer” (3.2.2)

Dr. Guy Lafond, AAFC –

Indian Head

9:10 am “Facilitating the Delivery of Practical Sclerotinia  
Stem Rot Risk Forecasts Based on Improved  
Assessment of Canola Petal Infestation” (3.3.1) Dr. Kelly Turkington, AAFC –  
Lacombe

9:30 am “Mitigation of Risk to Canola from Spring Flea  
Beetle Injury” (3.3.4)  
– Saskatoon

Dr. Juliana Soroka, AAFC

9:50 am “Evaluation of Harvest Losses and their  
Causes in Canola across Western Canada” (3.4.1)  
Manitoba

Dr. Rob Gulden, –Uof

10:10 am **Refreshment Break**

10:40 am “Integrated Crop Management Systems  
for Wild Oat Control” (3.6.1)  
Lacombe

Dr. Neil Harker, AAFC –

11:00 am	“Improved Integrated Crop Management with Beneficial Insects” (3.6.2)	Dr. Lloyd Dosdall, -Uof Alberta
11:20 am	“Input Study & Recovery” (3.6.3)	Stu Brandt, AAFC – Scott
11:40 pm	“Legume Crops to Improve Soil Fertility for Enhanced Canola Production” (3.6.4)	Dr. John O’Donovan,
AAFC – Lacombe		
12:00 pm	<b>Discussion</b>	
12:15 pm	<b>Lunch Break</b>	
1:10 am	“The Environmental Footprint of Canola and Canola-Based Products” (3.7.3)	Dr. Vern Baron, AAFC –
Lacombe		
1:30 pm	“Detection, surveillance & management of weed, insect & disease pests that threaten the economic viability of crop production & the environmental health of prairie agro-ecosystems” (3.7.8)	Dr. Owen Olfert, AAFC –
Saskatoon		
1:50 pm	Clinical Canola & Flax Oil Research Update	Lisa Campbell, Oil
Nutrition		Research Manager, CCC
2:05 pm	Canola Meal Research Update	Les Nernberg, Canola Meal
		Research Manager, CCC
2:20 pm	“Improving the durability of resistance to blackleg in Brassica napus using the novel LepR4 gene.” (SaskCanola DIAP)	Dr. Hossein Borhan, AAFC
Saskatoon		
2:35 pm	“Identification of sclerotinia resistance genes using genome-wide association mapping of resistant and susceptible B. napus germplasm lines” (SaskCanola DIAP)	Dr. Dwayne Hegedus, AAFC
Saskatoon		
2:55 pm	“Characterization of S. sclerotiorum clones in western Canada for pathogenecity and genomic relatedness” (SaskCanola DIAP)	Dr. Lone Buchwaldt, AAFC
Saskatoon		
3:15 pm	<b>Refreshment Break</b>	
3:40 pm	Current and Future Research Panel	
	- Alberta	Research Committee Chair,
	Province	
	- Saskatchewan	Research Committee Chair,
	Province	
	Manitoba	Research Committee Chair,
	Province	

4:25 pm **Closing Remarks**

Bill Ross, MCGA  
Catherine Folkersen, SaskCanola  
Ward Toma, ACPC

