











#### GREENHOUSE GAS MITIGATION PROGRAM for CANADIAN AGRICULTURE Commodity Organization: Soil Conservation Council of Canada Summary of 2004/2005 demonstration/awareness activities

Team	# Demos	Field Days	# Attending	Mtgs/Wksps	# Attending
BC	35	5	345	11	597
AB	41	65	2929	76	4596
SK	25	31	1571	50	2318
MB	22	127	2285	12	250
ON	30	20	1280	52	15140
QC	375	45	6117	10	979
NS	20	0	0	10	1220
NB	17	7	323	5	1275
NF	6	15*	99	2	235
PEI	18	3	169	4	255
Total	589	318	15118	232	26865

In Atlantic Canada the teams set up booth displays at the Atlantic Agri-Fest in August where over 15,000 producers attended

\* NF didn't conduct field days but hosted individual farm visits





Activity	Purpose	<b># of sites</b>	Treatments	
Cover Crops for Carbon Sequestration and Nitrogen Management	Evaluate growth and nutrient uptake of cover crops Carbon sequestration N <sub>2</sub> 0 emission reduction	1 hub 6 satellites	Oilseed radish, buckwheat, volunteer winter wheat, ryegrass With and without manure Nitrogen rates	
Advancing Nitrogen Use Efficiency on Livestock Farms	Demonstrate BMPs for nutrient management N <sub>2</sub> 0 emission reduction Reduce input costs	1 hub 9 satellites	Nitrogen rates	
Building Soil Structure and Managing Nitrogen With Strip Tillage Corn Systems in Heavy Clay Soils	Tillage systems on clay soils Nitrogen rates and timing N <sub>2</sub> 0 emission reduction	3 hub 2 satellites	Conventional, no-till and strip tillage Timing of planting Timing and rates of nitrogen	
Optimizing Environmental Efficiencies with Precision Toolbars	Evaluation of strip tillage and nitrogen application Carbon sequestration N <sub>2</sub> 0 emission reduction	1 hub 6 satellites	Conventional, no-till and strip tillage Nitrogen rates and split applications	











#### Background

- In the spring 2004 the GHGMP (A.Milton) mandated Market Research and Analysis Section (MRAS) to conduct a research across Canada focused on the evaluation of the impact of the Greenhouse gas mitigation activities.
- MRAS chose to separate this research in two phases.
  - First phase: on-site survey of attendants to the GHGMP demonstration sites which was carried out in the summer/fall of 2004. The results of this Greenhouse gas mitigation activities on-site survey are presented here today.
  - The second phase of the research will be carried jointly with the GHG survey which will be done in 2005?.

### **Evaluation Conclusions**

#### Assessment of the impact of the GHGMP activities

- 9 attendees out of 10 found the activity at least interesting
- 50 % said the information was Very useful + another 45 % said Moderately useful
- 76% either learned moderately or a lot on GHG mitigation practices
- True sign of success: 86% would recommend activities to someone else























## SCCC's Next Initiative Key Elements

Awareness and Information

- Climate Change Adaptation and Mitigation
- Linking soil management to water quality and water availability
- Provide specific information to producers, public, policy makers, SCCC partners and the media
- Profile new ideas on Environmental Goods and Services



# SCCC's Next Initiative Key Elements

Establish Strong Link with Associated Research

- Advisory Committees
- Provide benchmark/innovator sites for programs



## SCCC's Next Initiative Key Elements

### Establish a high profile for SCCC

- Closer links with industry
- Work with NAES/PFRA to design and deliver Ag Environmental programs for Canada



