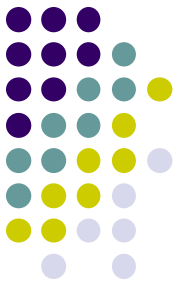


SETTING PRIORITIES

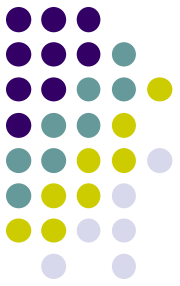
CASA Conference

Pamela Fuselli & Margaret Herbert
Co-Chairs CAIR Executive Steering Committee
October 2012



Why we set priorities

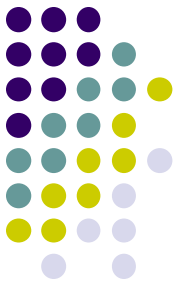
- ✓ Because of limited resources:
 - time
 - funding
 - manpower
- ✓ To achieved the biggest impact
- ✓ To coordinate efforts of stakeholders



What criteria to use, e.g.:

- ✓ Common sense
- ✓ Data (If so which?)
- ✓ Opportunity gaps
- ✓ Provincial or regional interest
- ✓ Media attention
- ✓ Political agendas
- ✓ Advocacy or lobby groups

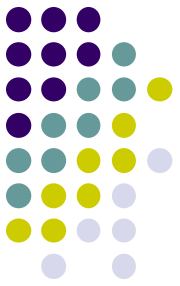
Winnipeg Model: **ADVANTAGES**



- ✓ Utilizes available injury data
- ✓ Incorporates qualitative and quantitative considerations
- ✓ Provides structure to stakeholder deliberations
- ✓ Is transparent, can be documented
- ✓ Can be revisited over time

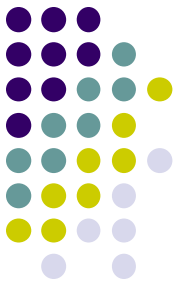
HOW THE MODEL WORKS

("recipe")



- ✓ Choose major injury categories for consideration
- ✓ Choose quantitative criteria (data)
- ✓ Choose qualitative criteria (readiness, potential, capacity to effect change)
- ✓ Rank and score
- ✓ Put it all together
- ✓ Perform a reality check
- ✓ Report

AGRICULTURAL INJURIES by CASA and CAIR

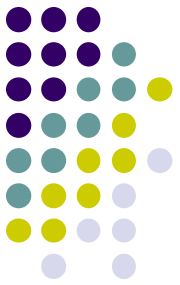


- ✓ CAIR started the “quantitative” - data driven - process
- ✓ The new data available

Agricultural Fatalities in Canada 1990-2008

PRIORITY SETTING PROCESS

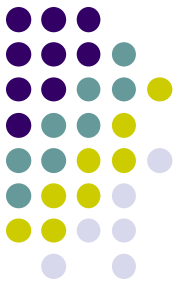
Injury Categories



- ✓ Roll-over
- ✓ Run-over
- ✓ Tractor-related
- ✓ Other machine-related
- ✓ Entanglement in machinery
- ✓ Collision with a motor vehicle (on road)
- ✓ Pinned or struck by a machine
- ✓ Animal-related
- ✓ Drowning
- ✓ Fall from a height

PRIORITY SETTING PROCESS

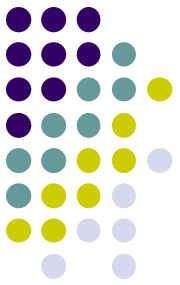
Data measures



1. Potential years of life lost - a measure of premature mortality
2. Mortality — number, rates or % all injury mortality
3. **Hospitalization** — number, rate or % all injury hospitalization
4. **Measures of Disability** - short/long term
5. **Economic burden** — direct health care costs and/or indirect costs

Note: CAIR does not have current data on 3, 4 and 5.

Sample – Quantitative Criteria



QUANTITATIVE CRITERIA	Roll over	Run over	Entanglement	Motor Vehicle Collision	Pinned/ Struck by a Machine	Animal Related	Struck by Non-Machine Object	Drowning	Fall from Height
Deaths 1990-2008	392	353	157	143	139	123	103	69	63
Rank	1	2	3	4	5	6	7	8	9
PYLL (%)	15.9	20.7	7.6	7.8	6.1	4.6	4.6	7.6	2.2
Rank	2	1	4.5	3	6	7.5	7.5	4.5	9
Rank Sum	3	3	7.5	7	11	13.5	14.5	12.5	18
Quantitative Priority Ranking	1	1	4	3	5	7	8	6	0

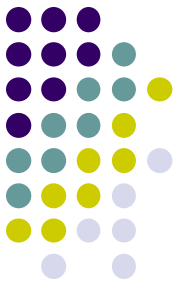
PRIORITY SETTING PROCESS

Ranking based on data



1. Roll-over
2. Run-over
3. Motor Vehicle Collision (with farm machinery)
4. Entanglement

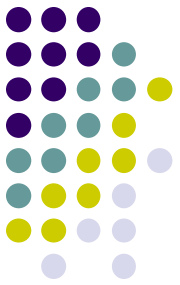
GUIDING the QUALITATIVE PROCESS



- ✓ Broad, practical, “hands on” knowledge needed
- ✓ Understanding of agricultural community, resources, interests
- ✓ A sense of gaps and opportunities
- ✓ Knowledge of best practices and promising technologies

QUALITATIVE CRITERIA

Examples of categories to choose among



- ✓ Disproportionate burden
- ✓ Effective interventions
- ✓ Opportunity gap
- ✓ Potential cost savings
- ✓ Trends
- ✓ Impact on agricultural community
- ✓ Ability to take action and influence others
- ✓ Lack of activity by other sectors
- ✓ Readiness of agricultural community
- ✓ Readiness of political systems
- ✓ Readiness of partners (industry, suppliers,...)

[illegible]

[illegible]

Linking with the NFSS



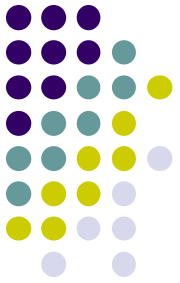
✓ NFSS Priorities

- ✓ Program
- ✓ Targets
- ✓ Offerings
- ✓ Research

✓ Priority Setting

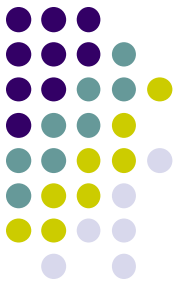
- ✓ Rollovers
- ✓ Runovers
- ✓ Motor Vehicle Collisions
- ✓ Entanglement

Linking with the NFSS



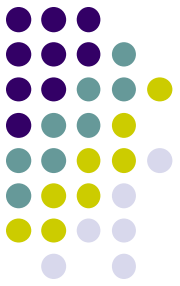
- ✓ **Rollovers**
 - ✓ Program
 - ✓ Targets
 - ✓ Offerings
 - ✓ Research

Linking with the NFSS



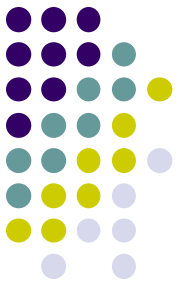
- ✓ This is model can be used by CASA as a priority setting exercise.
- ✓ Priorities identified in models like this one can be used by any organization to set priorities, for example on research

Linking with the NFSS



- ✓ In addition, priority setting across the farm safety community is needed
 - ✓ Research, training, programming...
- ✓ Model is sensitive to community environments

QUESTIONS for Working Group



- ✓ What are the strengths of the priority setting process as you see them?
- ✓ Where do you expect we are going to have difficulties in setting priorities?
- ✓ How would you overcome these difficulties?
- ✓ What questions do **you** have about the priority setting process?