Discussion Group:

Recommended Option to the Workshop:

4.2.3.1

Recommend including GHG reductions from not manufacturing N fertilizer (needs more work, clarification of who owns credits, conservative effects, etc).

Recommendation for Acceptance:

This option will be acceptable but needs more work following the workshop

Discussion Group:

Recommended Option to the Workshop:

4.3.1 Use historic benchmark (farm-specific)

Recommendation for Acceptance:

Accept today as part of the standardized protocol for GHG emissions reduction

Discussion Group:

Recommended Option to the Workshop:

4.3.2 Use farm data from 3 years prior to entry to project

- If new crop, need 3 years of data

Recommendation for Acceptance:

Accept today as part of the standardized protocol for GHG emissions reduction

Discussion Group:

Recommended Option to the Workshop:

4.4.1 Emissions per hectare for each crop in the project

Recommendation for Acceptance:

Accept today as part of the standardized protocol for GHG emissions reduction

Discussion Group:

Summary of Gaps in Research or Knowledge:

- Ownership of off-farm GHG emissions
- Verification of farm-specific baseline activity data
- Link between regional inventory methodology and farm-specific activities
- Verify/quantify amount of reduction at end of season? Soil test?

Gaps

- Improving confidence in emission coefficients with improved measurement and modelling methodologies.
- How to handle a shift in crop mix (e. g. pulse crops)?
- How to handle a baseline year that is highly divergent?
- How include more efficient use of manure N (rates, handling, injection)?

Discussion Group:

Recommended steps forward to address gaps:

- Needs lots more thought....another workshop?????
- Address adaptation of inventory methodology from regional to farm specific (e.g. irrigation, texture, depressions)