ATCO Electric Crop Protection Plan

2013 International Clubroot Workshop
June 19-22, 2013
Overview

- ATCO Electric working with employees, contractors & the community to prevent crop disease
- ATCO Electric Crop Protection Best Management Practice
- Environmental Protection Plans
- Project Overview for HRTD
- Project Crop Protection Control Plans
Working Together to Prevent Crop Disease

- ATCO Electric Landowner Construction Liaisons (LCL) – maintaining landowner relationships
- Community involvement – working with the community and the municipal Counties
- Focus on environmental sustainability
ATCO Electric Crop Protection Best Management Practice

- **Objective** - To minimize or restrict the potential spread of crop disease and noxious weeds through application of an appropriate level of cleaning for equipment...

- Application of equipment cleaning practices

- Limit risk of transporting weeds from infested areas

- Emergency event considerations
Environmental Protection Plans

- Environmental compliance
- Environmental protection measures
- Contingency plans
- Best management practice
- Cleaning procedures and cleaning logs
- Project specific crop disease control plans
HRTD Project Overview
Nevis to Stettler

- 144 kV transmission line from existing Nevis substation to existing Stettler substation
- 35 km line with standard 30 meter right-of-way
- H-frame, monopoles and steel tower structure design
Crop Disease Control Plan

- Pre-planning with Prime Management Contractor (PMC)

- Implementation by contractors

- Monitored and enforced by ATCO Electric & PMC
Crop Disease Control Plan

Considerations

- Equipment cleaning procedures
  - Level 1: mechanical
  - Level 2: washing
  - Level 3 disinfecting
- Standard: Arrive Clean
- Job planning to minimize risk
- Cleaning station – locations
- Single operator or small crew cleaning requirements
- Disinfecting tools and other items
HRTD Crop Disease Control Plan

Best Management Practices are required in counties where crop disease has been confirmed and:

- Equipment travels through annual cropland parcels, cultivated or zero till cropland (including undeveloped road allowance, private trails and farm lanes in cropland); or

- Equipment travels through hay fields or modified pasture and contacts exposed topsoil (e.g. by rutting or traveling over a disturbed sod layer with exposed soil); or

- Boots, tools and other items contact exposed topsoil in cropland parcels, hayfields, or modified pasture.

Crop protection measures are not required:

- In counties where crop disease is not present; or

- Equipment travels over frozen ground without soil adhering to the equipment; or

- If the parcel has not been previously disturbed, is not cropland, or a hayfield that is well vegetated; or

- Equipment travels only on county or private gravel or paved roads, or travels only on mats.
HRTD Crop Disease Control Plan

Cleaning Equipment
- Mats, compressor, disinfectant and applicators
- Wash bay
- Additional resources – pickup and 2 laborers per cleaning station

Tracking & Monitoring Commitments
- Log book completion
- Washing receipts
- Entry/Exit checklists
HRTD Crop Disease Control Plan
HRTD Crop Disease Control Plan
HRTD Crop Disease Control Plan
QUESTIONS