

## **Prevention Group**

*(surface treatments, wind/dust breaks, land purchasing, legislation, etc.)*

### **GROUP QUESTIONS**

What are three short term (accomplished within 6 months) steps we can take to enhance the prevention of dust storms?

What are three long term (accomplished 6-24 months) prevention-related goals we should set to help bring a more permanent solution to the dust storm issue?

### **Short-Term Steps (6 to 12 months)**

1. Identify and focus on specific problem areas
  - Compile accident locations and determine source characteristics
  - Inspect conditions present at those areas and identify characteristics of those areas (land use assessment)
  
2. Recommend voluntary best management practices for land users
  - Limit tilling and harvesting during + just prior to high wind events
  - Graduated standards relating to proximity of land to roadway and speed along road
  - New construction regulations (roads, buildings, etc.)
  - Conservation tillage
  - Educate land users about best practices/preventative measures
  - Communicate information about imminent weather/dust impacts to land users
  
3. Recommend road regulation changes
  - Restrict off-road ATV use within high speed susceptible traffic corridors
  - Reduce speed limits in select corridors

## **Long-Term Goals (12-24 months)**

1. Identify and focus on specific problem areas
  - Compile accident locations and determine source characteristics
  - Inspect conditions present at those areas and identify characteristics of those areas (land use assessment)
  - Install aerosol monitors
  - Document events with video
  
2. Propose non-voluntary best management/mitigation practices for land users/owners
  - Limit tilling and harvesting during and just prior to high wind events
  - Any new legislation would have to coincide or resolve existing laws
  - Graduated standards relating to proximity of land to roadway and speed along road
  - New construction (roads, buildings, etc.)
  - Conservation tillage
  - Require acquisition of right-of-way
  - Soil stabilization in non-growing season in perceived high impact areas (algae)
  - Drought resistant ground cover (grass) in non-agricultural areas
  - Barriers (trees, vegetation)
  - Address and stabilize abandoned land
  - Long term education of land users about best practices/preventative measures
  
3. Implement road regulation changes
  - Restrict off-road ATV use within high speed susceptible traffic corridors
  - Reduce speed limits in select corridors
  - Stabilize unpaved roads