

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