

**NATURAL RESOURCES CONSERVATION SERVICE
CONSERVATION PRACTICE STANDARD**

PEST MANAGEMENT

(Acre)

CODE 595S

**OPERATION, SAFETY, AND
MAINTENANCE SPECIFICATIONS**

The pesticide user must be fully trained and must obtain pesticide applicator certification to apply restricted use pesticides in Nebraska. Information on obtaining this permit may be obtained from the Nebraska Department of Agriculture or local Cooperative Extension Service offices.

Read and follow all label directions and/or Material Safety Data Sheets (MSDS). Take appropriate precautions to protect non-target organisms such as fish, honeybees, and ornamental plants.

Calibrate application equipment before each seasonal use and with each major chemical change. Replace worn nozzle tips, cracked hoses, and faulty gauges.

Avoid exposure to pesticides. Wear protective clothing, respirator, gloves, and footwear when appropriate. Bathe after exposure and prior to dining or smoking.

When heavy rains are forecast, delay application of pesticides of medium and high potential for leaching or surface loss, as described in pages 1-3 in Section II-Water Quantity and Quality of the Field Office Technical Guide, to prevent contamination of surface and ground water.

Accurately measure and mix all pesticides. Mix only the amount needed to eliminate having to store or dispose of any excess.

Mix and load pesticides away from natural runoff areas and at least 200 feet away from wells, creeks, or ponds.

Prevent back-siphoning of the pesticide mixture into water supply. When adding water to spray tanks, keep an air space between water supply

hose and top of spray tank. When chemigating, user must obtain necessary permits from the local Natural Resources District.

Clean application equipment at a suitable site after each use. Rinse water should not flow off the cleaning site. This site should not be within 200 feet of wells, creeks, ponds, natural watercourses, or groundwater recharge areas.

Be absolutely sure that the person who is applying the pesticide knows the exact location of the area they are to treat.

Triple rinse containers and empty the water used to rinse pesticide containers into the spray tank.

Avoid drift of the spray when spraying. Apply pesticides when wind speeds are below 8 to 10 mph, and the wind direction is away from susceptible crops, trees, and farmsteads.

Check product label or MSDS for field worker re-entry times and strictly adhere to them.

Dispose of leftover material and containers according to label requirements. Return unopened pesticides to the supplier and never reuse pesticide containers for any other purpose. Do not dispose of waste material in unused wells, sinkholes, or other routes to ground or surface water.

Pesticides should be stored in the original labeled containers, preferably in a locked building with appropriate warning signs. They should not be stored near wells or other water sources.

Spills of pesticides or other hazardous substances must be reported immediately to the Department of Environmental Quality. Notification can be made from 8:00 a.m. to 5:00 p.m., Monday through Friday, by calling (402) 471-2186. After hours and holidays, call the Nebraska State Patrol at (402) 471-4545.

Conservation practice standards are reviewed periodically, and updated if needed. To obtain the current version of this standard, contact the Natural Resource Conservation Service.

**NE-NRCS, TG Sec. IV
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OTHER SPECIFICATIONS

Persons planning to apply pesticides through an irrigation system must obtain a chemigation permit through the local Natural Resources District. Pesticides used in chemigation shall be labeled for this method of application. All chemigation systems must be equipped with the appropriate safety equipment to prevent backflow of-chemicals into the water source. In addition, any person operating a chemigation system is required to obtain a Nebraska Chemigation Applicator Certificate. Contact the local Natural Resources District or the Nebraska Department of Environmental Quality for specific requirements.

All specifications will be consistent with federal, state, and local regulations, including requirements for Restricted Use Pesticide application and record keeping.

The following items will be documented on the plan map, in plan narratives, and NRCS or crop consultant job sheets.

- Location
- Extent in acres
- Pest control practices planned including: pest, pesticide, application rate, and time and method of control
- Environmental assessment when chemical controls will be used in an identified sensitive area
- Irrigation water management

REFERENCES

University of Nebraska - NebGuides

G73-30	Alfalfa Weevil
G75-50	Spider Mites in Corn
G74-93	Dry Bean, Sugarbeet Insect Control
G87-839	Corn Rootworm Control
G75-217	European Corn Borer
G76-283	Rootworm Insecticide Rate Conversions
G78-397	Insects Attacking Soybeans
G78-427	Chinch Bugs

G80-501	Corn Cutworms
G80-521	Stalk Borer in Crops and Vegetables
G82-613	Ear Attacking Insects of Corn
G82-615	Controlling Armyworms in Nebraska
G86-791	A Guide to Grasshopper Control
G86-806	Chinch Bug Management
G74-160	Herbicides and Soils
G74-164	Herbicide-Fertilizer Combinations
G76-272	Factors that Make Soil-Applied Herbicides Work
G81-570	Ecofarming: Management of Atrazine Carryover in Ecofallow
G86-802	Banvel and 2,4-D Damage to Field Beans and Soybeans
G88-872	Surfactants and Herbicides
G73-137	Weed Control in Grain Sorghum
G77-382	Right Growth Stage for Herbicide Use-Corn, Sorghum and Small Grains
G88-863	Annual Broadleaf Weed Control in Winter Wheat
G89-899	Weed Control in No-Till Corn, Grain Sorghum and Soybean Production
G74-172	Wheat Streak Mosaic
G79-479	Pesticide Laws and Regulations