

NRCS program of testing and releasing new seed-propagated plant materials follows the guidelines in "Statement of Responsibilities and Policies Relating to the Development, Release, and Multiplication of Publicly Developed Varieties of Seed-Propagated Crops," which was adopted in June 1972 by land grant colleges and interested federal agencies. NRCS releases improved conservation plant materials requiring vegetative multiplication in ways appropriate for particular states and particular species by working with experiment stations, crop improvement associations, and other state and federal agencies.

(b) The objective of the plant materials activity is to select or develop special and improved plants, and techniques for their successful establishment and maintenance to solve conservation problems and needs related to:

- (1) Controlling soil erosion on all lands.
- (2) Conserving water.
- (3) Protecting upstream watersheds.
- (4) Reducing sediment movement into waterways and reservoirs through the stabilization of critical sediment sources such as surface mined lands, highway slopes, recreation sites, and urban and industrial development areas.
- (5) Stabilizing disposal areas for liquid and solid wastes.
- (6) Improving plant diversity and lengthening grazing season on dryland pastures and rangelands.
- (7) Replacing brush on mountain slopes with fire-retarding plant cover to reduce the possibility of fires that threaten life and property or result in serious sediment sources.
- (8) Improving the effectiveness of windbreaks and shelterbelts for reducing airborne sediment, controlling snow drifting, and preventing crop damage from wind erosion.
- (9) Protecting streambank, pond, and lake waterlines from erosion by scouring and wave action.
- (10) Improving wildlife food and cover.
- (11) Selecting special-purpose plants to meet specific needs for environment protection and enhancement.

- (12) Selecting plants that tolerate air pollution agents and toxic soil chemicals.

§ 613.3 NRCS responsibilities in plant materials.

NRCS operates or enters into agreements with state universities or other state organizations to operate plant materials centers. NRCS employs specialists for selecting and using plant materials. NRCS responsibilities are to:

- (a) Identify the need for suitable plant materials and cultural and management methods in resource conservation and for environmental protection and enhancement.
- (b) Assemble and comparatively evaluate plant materials at the plant materials centers and on sites where soil, climate, or other conditions differ significantly from those at the centers.
- (c) Make comparative field plantings for final testing of promising plants and techniques in cooperation with conservation districts and other interested cooperators.
- (d) Release cooperatively improved conservation plants and maintain the breeder or foundation stocks in ways appropriate for particular state and plant species by working with experiment stations, crop improvement associations, and other state and federal agencies.
- (e) Produce limited amounts of foundation or foundation-quality seed and plants available by grant to or by exchange with conservation districts, experiment stations, other federal and state research agencies, and state seed certifying organizations that will use the material to establish seed fields, seed orchards or plantings for vegetative increase.
- (f) Encourage conservation districts, commercial seed producers, and commercial and state nurseries to produce needed plant materials for conservation uses and to assist them in this production.
- (g) Encourage the use of improved plant materials in resource conservation and environmental improvement programs.