

## INTRODUCTION

The Plant Materials Center at Aberdeen is part of a national plant materials program operated by the United States Department of Agriculture, Natural Resources Conservation Service (formerly the Soil Conservation Service). The purpose of the Plant Materials Center is to develop and communicate new technology for the use and management of plants. We also assemble, evaluate and release plant materials for conservation use and develop new techniques for establishment of conservation plants. The Aberdeen Plant Materials Center was established in 1939 and has been the primary breeder and releasing organization for 15 cultivars and a cooperator in the release of 12 additional cultivars. The Aberdeen Plant Materials Center serves portions of Nevada, Utah, California, Oregon and Idaho. This document is a compilation of progress reports for testing activities by the Aberdeen Plant Materials Center during 1997.

The following documents were also developed during 1997 and may be obtained by contacting the Aberdeen Plant Materials Center:

### Plant Guides

Nebraska Sedge (*Carex nebrascensis*), Wetland Plant Fact Sheet. 1998. Interagency Riparian/Wetland Plant Development Project, USDA - NRCS, Plant Materials Center, Aberdeen, ID. 3 p.

Creeping Spikerush (*Eleocharis palustris*), Wetland Plant Fact Sheet. 1998. Interagency Riparian/Wetland Plant Development Project, USDA - NRCS, Plant Materials Center, Aberdeen, ID. 3 p.

Baltic Rush (*Juncus balticus*), Wetland Plant Fact Sheet. 1998. Interagency Riparian/Wetland Plant Development Project, USDA - NRCS, Plant Materials Center, Aberdeen, ID. 3 p.

Hardstem Bulrush (*Scirpus acutus*), Wetland Plant Fact Sheet. 1998. Interagency Riparian/Wetland Plant Development Project, USDA - NRCS, Plant Materials Center, Aberdeen, ID. 3 p.

Alkali Bulrush (*Scirpus maritimus*), Wetland Plant Fact Sheet. 1998. Interagency Riparian/Wetland Plant Development Project, USDA - NRCS, Plant Materials Center, Aberdeen, ID. 3 p.

Common Threesquare (*Scirpus pungens*), Wetland Plant Fact Sheet. 1998. Interagency Riparian/Wetland Plant Development Project, USDA - NRCS, Plant Materials Center, Aberdeen, ID. 3 p.

### Progress Reports

St. John, L. 1997. Aberdeen Plant Materials Center 1997 report to W-6 Technical Committee. April, 1997.

St. John, L., Hoag, J.C., and Ogle, D.G. 1997. Plant Materials Progress Report. August, 1997.

Hoag, J. C. and Sellers, M. 1997. Interagency Riparian/Wetland Plant Development Project January-July 1997 Progress Report. August, 1997.

Hoag, J. C. 1997. Interagency Riparian/Wetland Plant Development Project July, 1997 - January, 1998 Progress Report. January, 1998.

### Unpublished Regional & National Posters

St. John, L. 1997. Recent plant releases from the Aberdeen Plant Materials Center. Poster Paper.

### Popular Articles

Aberdeen Site Grows Plants for Prevention and Restoration. Intermountain Farm and Ranch. May 16, 1997.

Grasses Identified for Range Rehab. Capital Press. July 4, 1997.

Wagering on wetlands. Capital Press. July 11, 1997.

New and Recommended Plants issue. American Nurseryman. December, 1997. Information on Aberdeen Selection of Laurel willow, Richfield Selection of Firecracker Penstemon and Clearwater Selection of Alpine Penstemon.

Hoag, J.C. 1996-1997. *View from a Wetland - News and Technology for Riparian and Wetland Management*, No. 3. Interagency Riparian/Wetland Project, USDA - NRCS, Plant Materials Center, Aberdeen, ID. 4 pp.

### Published Symposium Proceedings

Hoag, J. Chris. 1997. *A constructed wetland system for water quality improvement of nursery irrigation wastewater*. IN: 1997 National Proceedings, Forest and Conservation Nursery Associations, p. 132-135. T.D Landis and J.R. Thompson, tech. coords. USDA Forest Service, Pacific Northwest Research Station, General Technical Report PNW-419. 1997.

Hoag, J. Chris. 1995. *Using dormant pole cuttings to revegetate riparian areas*. Proceedings of V International Rangeland Congress, SLC, UT. July 23-28, 1995. pp 238-239.

### Stand Alone Major Subject Publications

Hoag, J.C. and M. Zierke. 1998. *A reference guide for the collection and use of ten common wetland plants of the Great Basin and Intermountain West. Updated with pictures*. Riparian/Wetland Information Series No. 13, USDA - NRCS, Plant Materials Center, Aberdeen, ID. 13 pp.

The Aberdeen Plant Materials Center also gave the following presentations, training sessions and tours during 1996:

### Oral Presentations

Tri-State Advisory Committee Meeting, NRCS, Corvallis, OR. Plant Materials Center direction, budget, and reinvention. April 28-30, 1997.

Idaho Plant Materials Committee meeting, Boise, ID. Feb., 1997. *Interagency Riparian/Wetland Plant Development Project Work and Advances and Aberdeen PMC Activities Update*.

Utah Plant Materials Committee Meeting, Price, UT. Feb., 1997. *Interagency Riparian/Wetland Plant Development Project Work and Advances and Aberdeen PMC Activities Update*.

Utah Interagency Plant Materials Committee Meeting, Price, UT. Feb., 1997. *Interagency Riparian/Wetland Plant Development Project Work and Advances and Aberdeen PMC Activities Update.*

ARS-USFS-NRCS Plant Materials Coordination Meeting, Bridger, MT. May, 1997. *Interagency Riparian/Wetland Plant Development Project Work and Advances and Aberdeen PMC Activities Update.*

Portneuf WAG meeting. Discussed Portneuf River and bioengineering structures, wetland plants, CWS, and tours.

Modoc NWR Wetland Improvement Meeting, Alturas, CA. Recommendations for cover crops, seed field development, general Refuge improvements. May 29, 1997.

Targhee Creek (near Henry's Lake) Restoration Plan, Aberdeen, ID. Develop a plan on how to restore Targhee Creek. April 11, 1997.

Sandpoint Wetland Classroom Project, Sandpoint, ID. Assist the School district with plans to create a wetland classroom for the various grades. June 9-13, 1997.

Hoag, J. Chris. 1997. *Constructed Wetland Systems for water Quality improvement in the arid and semi-arid West.* Society of Wetland Scientists Annual Meeting, Bozeman, MT. June 2-6, 1997.

Sellers, Mike. 1997. Germination strategies for *Carex* seed. Society of Wetland Scientists Annual Meeting, Bozeman, MT. June 2-6, 1997.

### Training Sessions

Agroforestry Training and tour of Mountain Home Air Force Base windbreaks and plant testing site. NRCS Tri-state Conservation Planning Training, June 6, 1997. 35 NRCS employees.

Plant Materials Training Course - *Plant Materials to Solve Resource Problems.* A three day course to introduce the Plant Materials Program to new employees with instruction in PMC functions and responsibilities, planning a seeding, seed quality, seeding rates, drill calibration and demonstration of proper seedbed preparation. June 17-19, 1997. 28 NRCS and conservation district employees.

Conservation Reserve Program seeding refresher course. A one day training session for NRCS and conservation district employees with instruction in planning a seeding, seed quality, seeding rates, drill calibration and demonstration of proper seedbed preparation. June 209, 1997. 15 NRCS and conservation district employees.

Plant Materials to Solve Resource Problems. Panel Discussion with NRCS Division IV all-employees meeting, Jerome, Idaho. Sept. 15, 1997.

Riparian Zone Ecology, Management and Restoration Workshop, Ephraim, UT. Nov. 4, 1997. 20 people attended. Nov. 5 Outdoor session on the San Pitch River, 15 people attended.

Riparian Zone Ecology, Management and Restoration Workshop, Coalville, UT. Nov. 6, 1997. 30 people attended. Outdoor session on the South Fork of the Chalk River, 29 attended.

Bioengineering Workshop, Society of Wetland Scientists Annual Meeting, Bozeman, MT. Training session for Wetland Scientists on Bioengineering techniques, principles, and procedures. June 2-6, 1997.

NRCS New Employees Conservation Training, Weiser, ID. Training new NRCS employees on Riparian Zone Ecology, Restoration and Management. June 9-10, 1997.

Applied Fluvial Morphology, Dave Rosgen, instructor. Pagosa Springs, CO. Aug. 10-15, 1997.

Reservoir Erosion Control Workshop. USAE, Waterways Experiment Station. Workshop at Cottage Grove, OR. Work completed on Dorena Lake. Sept. 3-7, 1997.

Proper Functioning Condition training, Twin Falls, ID. Received training on PFC. July 9-10, 1997.

### Tours

Plant Materials Center tour, April 4, 1997. Idaho Department of Commerce and Aberdeen Chamber of Commerce. 4 people.

Tour of Curlew Off-Center Advanced Test Site, June 26, 1997. 5 people.

Plant Materials Center tour, July 30, 1997. Idaho NRCS Civil Rights Committee. 10 people.

Plant Materials Center tour, August 1, 1997. Idaho Nursery Association, Southeast Chapter. 35 people.

Scarrow Dairy Constructed Wetland System Tour, Wendell, ID. June 21, 1997. 8 people.

Constructed Wetland System Tour; a review of CSI, Cedar Draw, and Nature Conservancy. July 1, 1997. 38 people.

Henry's Fork Foundation. Tour Sherman Creek near Island Park Reservoir and discuss alternatives for Riparian restoration. Sept. 3, 1997. 5 people.

EWP specification development in Eastern Idaho. Tour with construction inspectors and engineers on site. Oct., 1997. 12 people.

Engineering Tour of EWP practices using vegetation in North Idaho. Sept. 29 - Oct. 3, 1997. 15 people.

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