

GRAND TETON NATIONAL PARK

**FY2007 Annual Report
Prepared by**

**NATURAL RESOURCES CONSERVATION SERVICE
PLANT MATERIALS CENTER
ABERDEEN, IDAHO**

INTRODUCTION

The Aberdeen Plant Materials Center (PMC) entered into an interagency agreement with Grand Teton National Park (GTNP) in 2006 to produce seed of four native grasses for use in revegetation of disturbed areas following road construction. Seed fields were planted in 2006 and seed was harvested in 2007. The fields will be harvested again in 2008.

ACCOMPLISHMENTS

Seed fields were planted the last week of May 2006. Slender wheatgrass was planted in Field 27E at the PMC Fish and Game Farm. Mountain brome and Sandberg bluegrass were planted in Fields 2W and 13N respectively at the PMC Home Farm. Blue wildrye was planted in Field 6E at the PMC Pearl Farm.

Soil at the Home Farm and Fish and Game Farm is Declo silt loam with pH of 7.4 to 8.4. Soil at the Pearl Farm is Kimama silt loam with pH of 7.4 to 9.0. Average annual precipitation is 9.39 inches and seed fields are sprinkler irrigated to supplement natural precipitation to approximate 16 to 24 inches total annual precipitation. Weeds were controlled as needed during the growing season. All species with the exception of Sandberg bluegrass established well. Sandberg bluegrass plants were established but overall field establishment is spotty.

The following table lists the species, field acreage and seed yields from 2007 harvest (at time of report, seed had not been tested):

Species	Scientific Name	Acres	Clean seed (lbs)
Slender wheatgrass	<i>Elymus trachycaulis</i>	1.0	1031
Blue wildrye	<i>Elymus glaucus</i>	2.7	1052
Mountain brome	<i>Bromus marginatus</i>	1.0	217
Sandberg bluegrass	<i>Poa secunda</i>	0.25	13

Seed samples from each lot will be submitted to the Idaho State Seed Laboratory for purity and viability testing.

Seed harvest will occur again from these fields in 2008.



**Grand Teton National Park Seed Increase. Blue wildrye.
Aberdeen Plant Materials Center, July 9, 2007.**



**Grand Teton National Park Seed Increase. Mountain brome.
Aberdeen Plant Materials Center, June 1, 2007.**



**Grand Teton National Park Seed Increase. Slender wheatgrass.
Aberdeen Plant Materials Center, July 9, 2007**



**Grand Teton National Park Seed Increase. Sandberg bluegrass.
Aberdeen Plant Materials Center, September 6, 2006.**