

**Project Number 08S236**  
**Annual Report 2004**  
**By: Steve Parr**

**YOSEMITE NATIONAL PARK**  
**COOPERATIVE AGREEMENT**

**Project Number 08S236  
Annual Report 2004**

**INTRODUCTION** - This report addresses the activities associated with the continued cooperation between Upper Colorado Environmental Plant Center and Yosemite National Park for the production of seed materials for revegetation purposes in Yosemite National Park. Interagency Agreement 9000-01-001, was initiated in 2001 as a continuing effort to provide indigenous park materials back to the park for revegetation projects. This agreement, including amendments, is effective through 2004 to extend the length and scope of production for revegetation within Yosemite National Park. The agreement calls for the production of a single species, blue wildrye, through fiscal year 2004.

**ACTIVITIES** - Yosemite blue wildrye, accession 9070956, was used to establish a 2.5 acre field, which was seeded with a modified Tye drill on November 20, 2001. Seed from previously produced material was used for establishment. This new field will continue seed propagation efforts for future Yosemite National Park revegetation projects. The table below outlines the activities to date with the 2001 agreement.

<b>Species</b>	Blue wildrye	<i>Elymus glaucus</i>
<b>Accession</b>	9070956	
<b>Planted</b>	2.5 acres UCEPC Field 8	November 20, 2001
<b>Harvested</b>	25 lb	August 2, 2002
<b>Shipped</b>	25.7 pls lb	December 2, 2002
<b>Harvested</b>	271 lb	July 31, 2003
<b>Shipped</b>	25 pls lb	March 26, 2003
	25 pls lb	April 21, 2003
	50 pls lb	December 30, 2003
<b>Harvested</b>	365 lb	July 30, 2004
<b>Shipped</b>	60 lb	November 15, 2004

On July 31, 2003, 271 pounds of blue wildrye were harvested. Seed shipments were made in March, April, and December of 2003 from seed produced in 1999. In 2004, 365 pounds were produced and one shipment of 60 pounds was made in November. All produced seed identified from the table above, with the exception of the 60 pound shipment of 2003 produced seed, remains on inventory.

**RESULTS** – This agreement has resulted in the production of over 660 pounds of blue wildrye seed that will be used for park revegetation purposes. Fiscal year 2004 was the final year of the agreement, and the agreement was not amended or extended. As a result, the field was plowed in the fall 2004. Seed produced from an earlier agreement remains on inventory as well as nearly all the seed produced from this agreement. It is recommended that the earliest produced seed be used on projects very soon to ensure retention of the highest amount of germinable seed. Seed held on inventory beyond 2005 will be assessed a storage fee.