

White River Germplasm

Indian ricegrass

Achnatherum hymenoides

Plant Overview



Indian ricegrass is an important bunchgrass found on light-textured soils throughout much of the Intermountain Region of the western U.S. Broad use of this highly variable species has been hampered by poor seedling establishment due to very high levels of seed

dormancy. Indian ricegrass is a highly self-pollinating species, but hybrids with several needlegrass species are known to occur.

White River was released in 2006 as a selected pre-variety germplasm (genetically manipulated track). Participating in the release were the USDA-Agricultural



Seed production

Research Service (ARS), the Agricultural Experiment Station, Utah State University, Logan, Utah, and the USDI-Bureau of Land Management. The parental population of White River, PI 232329, was collected along route 64 about 24 miles east of the town of Rangely, Colorado. Average annual precipitation at the collection site is 10-12 inches, and

elevation is about 5,400 ft. Thirty-two lines were selected from PI 232329 based on high germinability and seed yield, and these lines were bulked to form White River. It is anticipated that White River will be used in the Upper Colorado Plateau of eastern Utah and western Colorado and the Basin Province of southern Wyoming.



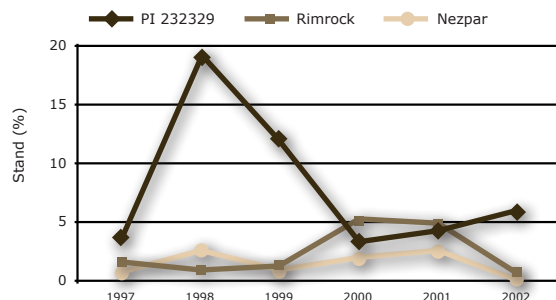
Nezpar (1), Rimrock (2), White River (3) Indian Ricegrass



Plant Benefits

- **VIGOROUS PLANT**
- **GOOD SEED YIELD**
- **HIGH GERMINABILITY**

Stand percentage at Soda Lake, WY (1997-2002)



To order seed:

Check with local seed companies to determine availability or call the Utah Crop Improvement Association (435-797-2082; stanford.young@usu.edu) to find commercial seed growers. Early generation seed is maintained by the USDA-ARS-FRRL at Logan, UT. Stock seed is available through Utah Crop Improvement Association.

