

# Wild Rice Pollen Travel. (C03-cregan140607-Poster)

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## Abstract:

The distance that viable Wild Rice (*Zizania palustris*) pollen can travel is information that is vital to both Wild Rice growers and those interesting in conserving natural stands. A male sterile transplant method was used to determine the percent germination of Wild Rice plants at up to 1600m from a known pollen source. Data from the 2001 field season indicated that pollination at 1600m of up to 20% may be possible. Data from the 2002 field season will include more replication, controls, quantitative pollen sampling at each site, and an additional transect. These data should provide a better understanding of wild rice pollen travel. A quantitative pollen sampler will also be used to determine diurnal fluctuations of Wild Rice pollen release.

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## Presentation Information:

Presentation Date: Monday, November 11, 2002

Presentation Time: 4:00-6:00 pm

Poster Board Number: 1135

## Keywords:

Pollen Travel, Wild Rice, Isolation Distance