Flame-Weeding in Organic Blue Corn

Purpose of Study
To determine weed control, corn yield, and crop damage using a flame-weeder operated at 4, 6, and 8 mph.

Results
Flame-weeding is an effective weed control option for organic corn. Broadleaf and grass weeds were effectively controlled at all speeds. Ground speed had no effect on corn population or grain yield, despite some leaf burning at the four mile/hour rate.

Northwest Region

Cooperator: Gary Jennen
Nearest Town: Fergus Falls
Wayne Zimmerman Perley
Brian Hest Brooks
Ray Swenson E Grand Forks
Roger Hagen St. Hilaire
Curtis W. Swanson Strathcona
Jim Kukowski Humbolt

Harvest Date: July 30 - August 23, 2002
Experimental Design: Randomized complete block with 2 replications

Source: 2002 On-Farm Cropping Trials Northwest and West Central Minnesota

Red River Valley Spring Wheat Evaluation

Purpose of Study
Evaluation of released wheat cultivars for grain yield, lodging, and grain quality in northwest Minnesota

Source: 2002 On-Farm Cropping Trials Northwest and West Central Minnesota

For additional information: Jochum Wiersma
2900 University Ave.
Crookston, MN 56728
218-281-8629
wiers002@umn.edu

For additional information: Jim Stordahl
240 Cleveland Ave.
McIntosh, MN 56556
218-563-2465
stordahl@umn.edu