

TEST SITE INFORMATION - NRPN

Nebraska stations – See information for SRPN.

South Dakota stations – See information for SRPN.

Casselton, ND – The nursery was planted on 9/24/92 on flax ground and fertilized in the spring for a 60 bu/a yield goal. Snow cover was present during the coldest months, resulting in near 100% survival for almost all entries. June and July were unseasonably cool and extremely wet. Leaf rust, stem rust, and tan spot were prevalent. Approximate date of physiologic maturity ranged from 7/24 to 7/31 in the SRPN.

Carrington, ND – The nursery was abandoned.

Williston, ND – Planted on 9/11/92 into fallow soil. Excellent stand establishment. Soil test results to two ft. depth were 72N:23P:380K with pH of 6.6. Tan spot was the primary leaf disease; some septoria was present. Harvested August 6, 1993.

Waseca, MN – Planted on 9/22/92. Severe disease pressure. Leaf rust was recorded on June 22, which was fairly early, but was rust intense on susceptible lines prior to finish. Leaf disease score reflects a combination of both tan spot and septoria.

Rosemount, MN – Planted on 9/22/92. Severe disease pressure. Scab % was rated from 20 heads gathered per plot of first rep, hand threshed, and kernels separated.

Sheridan, WY – The nursery was seeded on 9/23/92 into a sandy clay soil with pH of 6.9 and O.M. of 1.5%. Soil test indicated 22 ppm PO_4 and 9 ppm NO_3N . The seedbed was dry, but late fall rains provided for good stands. Spring moisture was sufficient, but hail during July reduced yields by 25-30%. The nursery was harvested on August 16, 1993, about a week after it was ripe.

Archer, WY – The nursery was seeded on 9/16/92 into a sandy clay loam soil with a pH of 6.4 and O.M. of 1.4%. Soil test indicated 24 ppm PO_4 and 29 ppm NO_3N . Fall and spring moisture was above normal while temperatures were cooler than normal, providing for excellent yields. Insects and diseases were not a problem. The nursery was harvested on August 11, 1993, as soon as ripe.

Moccasin, MT – Planted on 9/22/92 on black fallow. Fertilizer was 58 lbs/a 18-46-0 with the seed, and 100 lbs urea preplant. Precipitation from September to August was 20.52 inches, compared with the long term average of 15.5 inches. Growing season precipitation (April to July) was 12.1 inches. Harvested on 9/3/93.

Sidney, MT – Planted on 9/14/92 into good soil moisture. There was little precipitation until June 1, then high levels of precipitation for the rest of the summer. Septoria and tan spot were observed in the nursery. No leaf rust or stem rust were observed. Harvested on 9/9/93.

Bozeman, MT -- Winter was fairly mild with little winter damage. Summer was cool and rainy, resulting in low protein and quality. Harvested at maturity (ave. moisture of 14%) on September 10. Stripe rust was devastating on some lines, so yields and test weights may be as indicative of rust resistance as of normal yield potential in Montana.

Aberdeen, ID -- See information for SRPN.

Lind, WA -- The nursery was abandoned.

Lethbridge, Alberta -- Heavy rains occurred from mid-June onward. There was complete loss of leaves to leaf spot diseases before maturity.