

AGRONOMIC PROCEDURE

Seeding dates for winter wheat were: September 14 at Dickinson, September 15 at Hettinger and Scranton and September 16 at Beach. Winter rye was seeded at Dickinson September 14.

At Dickinson, spring wheat variety trials were seeded on April 27, oats on April 28 and durum and barley on April 29.

Off station spring grain variety trials were seeded at Beach on April 30, Hettinger May 3, Scranton May 4, Regent May 5, Glen Ullin May 6, Manning May 7 and at Beulah May 28.

All nursery trials were seeded on May 7. All crops in the cropping systems trials and the minimum tillage trials were seeded on May 27.

Sunflower trials were planted on June 4.

All winter grain variety trials were seeded with a John Deere deep furrow drill equipped with 10 cm spear point shovels spaced 25.4 cm, and pneumatic rubber tire packer wheels. All spring grain variety trials were seeded with a double disk press drill. No till trials were seeded with the John Deere shoe drill. All small grain variety trials were seeded on summer fallow. Seeding rates in Kg/ha were: rye 63, winter wheat 56, durum, hard spring wheat and barley 67 and oats 54.

Commercial fertilizer was applied according to soil test for an expected yield goal of 2350 kg/ha.

Hoelon and bromoxynil were used at all locations for wild oats and broadleaf weed control, following recommended rates and application procedures.