

INTERMEDIATE WHEATGRASS PERFORMANCE TEST

In cooperation with Dr. John Berdahl, Research Geneticist, USDA-ARS-Northern Great Plains Research Laboratory, Mandan, a performance test of 21 varieties and selected strains of Intermediate wheatgrass was seeded on May 7, 1987. The order of seeding is shown in the accompanying plot plan.

Above normal temperatures and for below average precipitation during the critical germination and early growth period combined to create very unsatisfactory conditions for successful establishment of this planting. Evaluation of success will be made in 1988.

Intermediate Wheatgrass Performance Test



Seeded 5-7-87 4 row plots 20' long 12" spacing between rows

Mandan I 2781
Border
Oake (1) 81
Clarke (5) 80
Mandan I 1815 (15) 73
Utah RS-MC (9) 74
Chief (2) 65
Mandan I 2781 (10) 64
Swift Current I 3762 (18) 57
Utah RS-1 (7) 56
Clarke (5) 49
Swift Current I 3761 (17) 48
Mandan I 1811 (11) 41
Greenleaf (4) 40
Mandan 759 (6) 33
Nebraska AI 1 (20) 32
South Dakota SD 54 (21) 25
Utah RS-MC (9) 24
Swift Current I 3761 (17) 17
Mandan I 1814 (14) 16
Nebraska AI 1 (20) 9
Mandan I 1812 (12) 8
Utah RS-2 (8) 1
Mandan I 2781
Border 4-rows

Plot No.
Entry No.

Mandan I 2781
Border
Mandan I 1811 (11) 82
Swift Current I 3763 (19) 79
Slate (3) 74
Mandan I 1821 (16) 71
Utah RS-1 (7) 66
Utah RS-MC (9) 63
Mandan I 1821 (16) 58
Greenleaf (4) 55
South Dakota SD 54 (21) 50
Oake (1) 47
Mandan I 2781 (10) 42
Oake (1) 39
Clarke (5) 34
Swift Current I 3761 (17) 31
Utah RS-2 (8) 26
Mandan I 1815 (15) 23
Swift Current I 3763 (19) 18
Mandan 759 (6) 15
Oake (1) 10
Chief (5) 7
Clarke (5) 5
Mandan I 2781
Border

Mandan I 2781
Border
Nebraska AI 1 (20) 83
Mandan I 1814 (14) 78
Mandan I 1813 (13) 75
Greenleaf (4) 70
South Dakota SD 54 (21) 67
Slate (3) 62
Mandan I 2781 (10) 59
Mandan I 1815 (15) 54
Nebraska AI 1 (20) 51
Mandan I 1811 (11) 46
Swift Current I 3763 (19) 43
Mandan I 1814 (14) 38
Utah RS-1 (7) 35
Slate (3) 30
Swift Current I 3762 (18) 27
Mandan I 1813 (13) 22
Mandan I 1813 (13) 19
Slate (3) 14
Utah RS-1 (7) 11
Mandan I 2781 (10) 6
Swift Current I 3762 (18) 3
Mandan I 2781
Border

Mandan I 2781
Border
Swift Current I 3761 (17) 84
Mandan 759 (6) 77
Swift Current I 3762 (18) 76
Utah RS-2 (8) 69
Mandan I 1812 (12) 68
Mandan 759 (6) 61
Utah RS-2 (8) 60
Mandan I 1813 (13) 53
Mandan I 1812 (12) 52
Chief (2) 45
Mandan I 1814 (14) 44
Mandan I 1821 (16) 37
Chief (2) 36
Mandan I 1812 (12) 29
Swift Current I 3763 (19) 28
Utah RS-MC (9) 21
Mandan I 1815 (15) 20
South Dakota SD 54 (21) 13
Greenleaf (4) 12
Mandan I 1811 (11) 5
Mandan I 1821 (16) 4
Mandan I 2781
Border