

1992  
Uniform Winterhardiness Nursery  
Northern Section

<u>Entry No.</u>	<u>Variety or Pedigree</u>	<u>Sel. No.</u>	<u>Source</u>
1	Norstar	CI17735	Check
2	Mvr/KS79379//Nsr/3/Sxld	ND8886	No. Dakota
3	Mvr/KS79397//Nsr/3/Cody	ND8889	"
4	Rrr//ND7896/SD76598	ND8924	"
5	Nsr//ND7793/SD76598	ND8927	"
6	Seward/Archer	ND8973	"
7	Seward/Colt	ND8983	"
8	ND8095/Agassiz	ND8987	"
9	Bnt/Rose	SD89261	So. Dakota
10	Warrior	CI13190	Check
11	Brule/Nell	SD89143	So. Dakota
12	Rose/Dawn	SD89101	"
13	Bnt/Sxld	SD89291	"
14	Bnt/Sxld	SD89285	"
15	Brule/Agate	SD89122	"
16	Bnt/Sxld	SD89281	"
17	Brule/TX79A2729	SD89305	"
18	Brule/Nell	SD89146	"
19	Brule/Agate	SD89117	"
20	Centurk 78	CI17724	Check
21	Bnt/Rose	SD89270	So. Dakota
22	Brule/TX78V3630	SD89127	"
23	SD76598-7/Rita	SD89161	"
24	Rose/Ctk	SD89131	"
25	Bnt/Rose	SD89269	"
26	Ctk 78/Nell	SD89186	"
27	Rose/Ctk	SD89132	"
28	Wnk/Sxld	SD89347	"
29	Brule/Rita	SD89245	"
30	Norstar	CI17735	Check
31	Bnt/Rita	SD89197	So. Dakota
32	Brule/Rita	SD89246	"
33	Brule/Nell	SD89149	"
34	TX78V3630/Lco	SD89266	"
35	Gent/Sxld	SD89334	"
36	NE77682/Dawn	SD89205	"
37	Wnk/Dawn	SD89108	"
38	SD75284/Agate	SD89256	"
39	Brule/OK754615E	SD89153	"
40	Warrior	CI13190	Check
41	Complex Pedigree	NE83432	So. Dakota
42	Quantum Hybrid Wheat	QT549	HybriTech
43	" "	QT542	"
44	" "	9030001	"
45	" "	9030002	"
46	" "	XNH1401	"

47	"	"	9030201	"
48	"	"	9030202	"
49	"	"	XNH1500	"
50	Centurk 78		CI17724	Check
51	Quantum Hybrid Wheat		9030704	HybriTech
52	"	"	9030705	"
53	Kharkof		CI1442	Check
54	Roughrider		CI17439	"
55	Colt		PI476975	"
56	Brule/Dawn		SD88201	So. Dakota
57	TX78V3630/Lco		SD88137	"
58	Rri/Siouxland		SD88171	"
59	Brule/Dawn		SD88185	"
60	Norstar		CI17735	Check
61	Lco/Frd//NE69559/Wnk/3/Nell		SD87143	So. Dakota
62	Brule/Dawn		SD88191	"
63	Bennett/Rose		SD89271	"
64	Bennett/Dawn		SD89204	"
65	NAPB 80300/Centurk 78		SD89102	"
66	Wnk/SD6914//Siouxland		ND8844	No. Dakota
67	Mvr/KS79397//Nsr/3/Siouxland		ND8892	"
68	Nsr/3/Mnt/NB68466//SD76705		ND8930	"
69	Nsr/4/Ctk//Wnk/Uln/3/SD76694		ND8933	"
70	Warrior		CI13190	Check
71	Seward sib/NE80413		ND8944	No. Dakota
72	Seward/SD76705		ND8955	"
73	Bnz//Frd/Lcr/3/Bnz/Mrt-2		ND89142	"
74	T. Diccocoides/Brule//Arkan		NE88536	Nebraska
75	Colt*2/Chisholm		NE87513	"
76	Siouxland/NE7060		NE89479	"
77	TX80GH2679/Brule seln.		NE89522	"
78	Lancota seln/Sxld//TX792729		NE89526	"
79	Brule/3/Parker*4/Agent//Bell 98/Lancer		NE89657	"
80	Centurk 78		CI17724	Check
81	Quantum Hybrid Wheat		XNH1597	HybriTech
82	"	"	XNH1598	"
83	"	"	XNH1605	"
84	"	"	XNH1629	"
85	Msc/Ctk A+ //Iul		MT8713	Montana
86	Rri/MT6928		MT8719	"
87	Winalta/Bezostaya		W-193	Alberta
88	"	"	W-198	"
89	"	"	W-236	"
90	Norstar		CI17735	Check

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		Rep 1	Rep 2	Rep 1	Rep 2	Rep 1	Rep 2	Rep 1	Rep 2	
----- % survival -----										
1	CI17735	92	100	100	70	100	70	100	90	90.3
2	ND8886	100	100	10	90	90	80	95	75	80.0
3	ND8889	100	100	60	80	90	90	100	80	87.5
4	ND8924	100	100	100	60	100	100	90	65	89.4
5	ND8927	100	100	100	20	100	70	100	75	83.1
6	ND8973	100	100	100	20	100	60	95	80	81.9
7	ND8983	100	100	100	90	40	40	90	70	78.8
8	ND8987	100	100	100	0	100	100	75	90	83.1
9	SD89261	87	100	10	0	10	60	65	85	52.1
10	CI13190	90	100	40	30	5	0	95	85	55.6
11	SD89143	90	100	20	30	80	100	90	75	73.1
12	SD89101	75	100	5	0	70	20	85	60	51.9
13	SD89291	95	100	90	10	30	40	90	55	63.8
14	SD89285	85	100	40	10	30	60	85	85	61.9
15	SD89122	95	100	0	5	60	70	80	80	61.3
16	SD89281	100	100	60	5	40	80	80	90	69.4
17	SD89305	90	100	20	5	30	40	70	80	54.4
18	SD89146	90	100	60	80	5	70	70	75	68.8
19	SD89117	88	100	0	60	10	90	90	75	64.1
20	CI17724	60	100	10	5	20	60	95	80	53.8
21	SD89270	100	100	70	10	80	50	95	70	71.9
22	SD89127	100	100	5	0	10	5	65	65	43.8
23	SD89161	100	100	5	20	90	20	70	85	61.3
24	SD89131	100	100	0	0	70	40	60	75	55.6
25	SD89269	100	100	10	10	30	70	75	75	58.8
26	SD89186	100	100	10	60	20	90	85	85	68.8
27	SD89132	100	100	20	80	20	80	85	90	71.9
28	SD89347	100	100	60	100	90	80	75	90	86.9
29	SD89245	100	100	0	10	100	30	80	55	59.4
30	CI17735	100	100	0	100	100	60	90	90	80.0
31	SD89197	67	100	100	20	100	40	85	85	74.6
32	SD89246	100	100	5	0	90	20	60	65	55.0
33	SD89149	90	100	40	40	100	60	70	85	73.1
34	SD89266	100	100	50	80	60	70	85	80	78.1
35	SD89334	100	65	10	60	50	90	90	80	68.1
36	SD89205	100	60	5	0	50	80	60	65	52.5
37	SD89108	100	100	5	60	20	70	90	70	64.4
38	SD89256	100	90	5	40	20	50	80	85	58.8
39	SD89153	100	90	5	60	10	70	80	85	62.5
40	CI13190	88	90	20	30	90	10	90	95	64.1

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		Rep 1	Rep 2	Rep 1	Rep 2	Rep 1	Rep 2	Rep 1	Rep 2	
----- % survival -----										
41	NE83432	82	95	20	0	80	30	80	90	59.6
42	QT549	82	90	0	100	70	60	85	85	71.5
43	QT542	80	80	60	20	90	60	85	75	68.8
44	9030001	75	80	40	50	80	90	85	85	73.1
45	9030002	40	80	5	20	90	90	90	85	62.5
46	XNH1401	60	80	5	20	90	100	85	55	61.9
47	9030201	60	75	5	10	10	80	90	70	50.0
48	9030202	50	60	10	5	80	20	65	85	46.9
49	XNH1500	70	90	30	5	90	10	65	85	55.6
50	CI17724	60	40	0	20	40	30	75	85	43.8
51	9030704	70	70	10	30	80	70	65	70	58.1
52	9030705	85	60	30	10	90	90	65	60	61.3
53	CI1442	100	95	50	20	90	100	85	85	78.1
54	CI17439	100	100	100	100	30	50	95	90	83.1
55	PI476975	50	75	20	10	80	100	60	70	58.1
56	SD88201	90	100	90	10	90	50	65	90	73.1
57	SD88137	100	100	60	5	90	50	85	85	71.9
58	SD88171	100	100	50	70	80	50	90	90	78.8
59	SD88185	60	70	10	5	100	50	60	65	52.5
60	CI17735	100	100	100	100	90	40	90	75	86.9
61	SD87143	90	100	90	30	40	30	90	65	66.9
62	SD88191	90	100	20	0	90	60	65	70	61.9
63	SD89271	90	100	20	5	20	60	70	65	53.8
64	SD89204	90	100	30	0	60	80	40	50	56.3
65	SD89102	95	100	50	0	20	80	95	75	64.4
66	ND8844	95	100	100	70	40	80	100	80	83.1
67	ND8892	100	100	30	10	80	90	90	70	71.3
68	ND8930	100	100	100	0	80	90	85	65	77.5
69	ND8933	100	100	100	100	70	80	75	60	85.6
70	CI13190	90	100	50	50	60	40	90	60	67.5
71	ND8944	100	100	50	60	40	30	65	65	63.8
72	ND8955	100	100	100	90	80	90	90	65	89.4
73	ND89142	100	100	90	30	20	90	85	65	72.5
74	NE88536	100	100	5	10	40	90	90	65	62.5
75	NE87513	90	80	0	5	60	100	55	50	55.0
76	NE89479	75	60	20	20	70	70	90	70	59.4
77	NE89522	80	70	10	40	60	40	70	60	53.8
78	NE89526	70	85	60	100	50	40	65	45	64.4
79	NE89657	75	80	20	100	30	30	65	60	57.5
80	CI17724	70	80	10	10	100	40	85	75	58.8

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		Rep 1	Rep 2	Rep 1	Rep 2	Rep 1	Rep 2	Rep 1	Rep 2	Mean
----- % survival -----										
81	XNH1597	75	70	10	20	50	100	40	10	46.9
82	XNH1598	90	90	5	5	60	100	65	10	53.1
83	XNH1605	90	90	0	70	70	80	70	60	66.3
84	XNH1629	67	75	0	0	90	70	65	30	49.6
85	MT8713	100	100	90	0	90	90	80	35	73.1
86	MT8719	100	100	90	5	90	100	60	40	73.1
87	W-193	100	100	5	5	90	40	50	50	55.0
88	W-198	100	100	40	80	20	50	85	45	65.0
89	W-236	100	100	0	40	10	60	80	50	55.0
90	CI17735	-	-	40	90	50	70	50	10	51.7
	Mean	90		36		63		75		65.8
	LSD.05	17		61		N.S.		23		25.6
	CV	9.4		85.3		44.1		15.7		33.3

Note: Seed of Norstar (CI17735) had reduced germination and emergence in this trial, affecting its winter survival.