

Table 30. Summary of mean yields (kg/ha) and ranks of 29 wheats grown in the 1991 Western Plains Regional Performance Nursery at 5 locations.

C.I. OR SEL. NO.	: ENTRY: : NO. :	BUSHLAND (DRYL.) TEXAS	: GOODWELL : OKLAHOMA :	: COLBY : KANSAS :	: ARCHER : WYOMING :	: SCOTTS- BLUFF : NEBRASKA :	: REGIONAL : AVERAGE :
XH1332	25	3273 6	3436 4	4510 4	1881 1	3400 2	3300 1
XH1419	26	3481 2	3247 19	4860 1	1533 10	3036 9	3231 2
PI483469	2	3172 11	3486 3	3838 17	1775 2	3583 1	3171 3
TXGH10289	19	3688 1	3353 8	3927 14	1500 12	2984 12	3090 4
2IWWSN-7159	16	3387 3	3429 5	3676 23	1612 8	3322 3	3085 5
TXGH10209	18	3380 5	3279 16	3773 20	1679 5	3206 5	3083 6
NE88556	12	2957 18	3305 14	4548 2	1621 7	2876 17	3061 7
PI518591	4	3206 8	2989 25	4542 3	1506 11	2933 14	3035 8
CO870258	7	3098 14	3752 1	3542 25	1686 4	2803 19	2976 9
CI17650	1	2919 22	3491 2	4331 5	1403 17	2642 23	2957 10
TX86A7210	20	3208 7	3338 9	4210 6	939 26	3058 7	2951 11
CO880240	10	2564 28	3281 15	3950 13	1632 6	3292 4	2944 12
QT542	23	3194 9	3400 7	3315 28	1746 3	3024 10	2936 13
TX86D1340	22	3053 15	3330 12	4143 8	939 26	3149 6	2923 14
TX88V4425	17	2928 21	3258 18	3822 19	1370 20	3037 8	2883 15
XNH1401	24	3114 13	3326 13	3540 26	1471 13	2914 15	2873 16
WI88-024	27	2993 17	3038 23	3824 18	1401 18	2984 12	2848 17
N86L075	28	2903 23	3260 17	3856 16	1446 14	2748 21	2842 18
CO820009	3	2701 27	3224 20	3914 15	1560 9	2759 20	2832 19
TX89V4613	14	2777 26	2970 28	4113 9	1419 16	2818 18	2820 20
CO860154	5	2934 20	3410 6	3685 21	1435 15	2479 25	2789 22
NE86501	13	2887 24	3058 22	4174 7	1302 21	2523 24	2789 21
CO870434	9	3383 4	2980 26	4107 10	939 28	2452 26	2772 23
CO870228	6	3181 10	3335 10	3322 27	1253 23	2666 22	2751 24
CO870310	8	3163 12	3024 24	4057 12	1381 19	2117 29	2748 25
TX89V5029	15	3004 16	2929 29	4075 11	1089 25	2433 27	2706 26
NE88536	11	2535 29	3209 21	3600 24	1231 24	2911 16	2697 27
TX90V6132	21	2946 19	3331 11	1928 29	1287 22	2989 11	2496 28
N87L313	29	2804 25	2978 27	3679 22	513 29	2201 28	2435 29
MEAN		3063	3257	3892	1398	2874	2895
LSD(.05)		464	397	367	380	433	394
C.V.		9.3	7.5	5.8	16.6	10.7	9.1

Table 31. Summary of agronomic and yield data for 29 wheats grown in the 1991 Western Plains Regional Performance Nursery.

VARIETY OR PEDIGREE	: C.I. OR SEL. NO.	: ENTRY: NO.	: PLANT HEIGHT CM	: DAYS TO HEADING FROM 1/1:	: LODGING % :	: WSMV 0-9	: VOLUME WEIGHT KG/HL	: YIELD KG/HA
	NO. OF LOCATIONS		5	4	1	1	5	5
Quantum Hybrid Wheat	XH1332	25	69	134	13	3	74.7	3300
Quantum Hybrid Wheat	XH1419	26	67	132	4	5	75.2	3232
Siouxland	PI483469	2	71	135	4	3	75.5	3171
(TAM-105*4/Ami)*4//Largo	TXGH10289	19	66	129	15	3	73.5	3091
C0693591/Ctk	2IWWSN-7159	16	66	134	22	4	72.3	3086
(TAM-105*4/Ami)*4//Largo	TXGH10209	18	62	129	7	3	75.1	3064
Brule//Wrr*5/Agent/3/Agate sib/Colt sib	NE88556	12	64	133	5	4	74.9	3062
Arapahoe	PI518591	4	64	135	17	3	72.6	3036
Carson/Sandy	C0870258	7	68	138	15	4	72.9	2977
Larned	CI17650	1	66	132	50	3	76.1	2958
Syl/Vona	TX86A7210	20	66	134	7	4	73.6	2951
Colt/TX80GH3006	C0880240	10	64	138	4	4	75.2	2944
Quantum Hybrid Wheat	QT542	23	70	137	4	4	73.8	2936
Siouxland//Nadadores 63/Sturdy	TX86D1340	22	72	137	22	4	74	2923
Agate/TAM-105	TX88V4425	17	70	134	37	4	75.6	2883
Quantum Hybrid Wheat	XNH1401	24	71	137	7	4	75	2873
NS2630/Thunderbird	WI88-024	27	65	134	2	4	75.8	2848
Brule/Trakia	N86L075	28	62	135	3	5	72.4	2843
Lamar	C0820009	3	66	136	13	4	75.5	2832
KS81H1640GB/TX78V2154	TX89V4613	14	62	132	50	4	75	2820
TAM-105/Sandy	C0860154	5	68	137	7	3	74.7	2789
Colt/Cody	NE86501	13	62	134	7	3	73.4	2789
C0820026/Arkan	C0870434	9	58	130	18	4	72.4	2772
C0810026/TAM-108	C0870228	6	60	133	13	3	72.7	2752
Oslo/Sandy//Hawk	C0870310	8	62	133	7	5	73.9	2749
Brule/Vee's'	TX89V5029	15	54	130	25	4	72.6	2707
T. Diccocoides/Brule//Arkan	NE88536	11	67	136	6	4	72.4	2698
TX86V1540/TX78V2430-4	TX90V6132	21	74	137	8	4	72.6	2496
Plainsman V/2/NE76702/NE7060	N87L313	29	58	133	8	5	68.1	2435