

Table 29. Yield and agronomic data for entries in the 1991
Western Plains Regional Performance Nursery.

BUSHLAND (DRYL.)

TEXAS

THREE REPLICATIONS

C.I. OR SEL. NO.	: ENTRY: NO.	: YIELD : KG/HA	: VOLUME : WEIGHT : KG/HL	: PLANT : HEIGHT : CM	: DAYS TO : HEADING : FROM 1/1:
TXGH10289	19	3688	73.3	65	112
XH1419	26	3481	73.8	63	116
2IWWSN-7159	16	3387	74.7	59	116
C0870434	9	3383	73.5	58	112
TXGH10209	18	3380	75.1	60	112
XH1332	25	3273	74.8	63	117
TX86A7210	20	3208	74.8	58	117
PI518591	4	3206	72.8	58	119
QT542	23	3194	76.2	64	120
C0870228	6	3181	73.5	58	115
PI483469	2	3172	76.4	60	119
C0870310	8	3163	77.3	61	115
XNH1401	24	3114	76.8	64	121
C0870258	7	3098	75.5	61	121
TX86D1340	22	3053	76	65	120
TX89V5029	15	3004	73.9	54	113
WI88-024	27	2993	77.3	60	117
NE88556	12	2957	74.9	59	118
TX90V6132	21	2946	75.6	69	119
C0860154	5	2934	77	58	121
TX88V4425	17	2928	75.5	60	118
CI17650	1	2919	75.2	60	116
N86L075	28	2903	71.6	58	117
NE86501	13	2887	76	55	118
N87L313	29	2804	71.6	54	116
TX89V4613	14	2777	76	55	115
C0820009	3	2701	75.5	58	119
C0880240	10	2564	77.3	55	125
NE88536	11	2535	72.6	58	121

MEAN	3063
LSD(.05)	464
C.V.	9.3

GOODWELL
OKLAHOMA
THREE REPLICATIONS

C.I. OR SEL. NO.	: ENTRY: NO.	: YIELD : KG/HA	: VOLUME : WEIGHT : KG/HL	: PLANT : HEIGHT : CM	: DAYS TO : HEADING : FROM 1/1:
C0870258	7	3752	77.8	69	128
CI17650	1	3491	77.8	70	121
PI483469	2	3486	76.2	70	125
XH1332	25	3436	77.5	72	122
2IWWSN-7159	16	3429	76.6	65	125
C0860154	5	3410	79.1	72	127
QT542	23	3400	77.5	70	126
TXGH10289	19	3353	76.9	70	116
TX86A7210	20	3338	77.8	68	122
C0870228	6	3335	77.5	59	123
TX90V6132	21	3331	77.1	74	127
TX86D1340	22	3330	78.4	75	127
XNH1401	24	3326	78.8	74	128
NE88556	12	3305	77.5	68	121
C0880240	10	3281	76.6	66	127
TXGH10209	18	3279	77.5	67	114
N86L075	28	3260	75.9	63	125
TX88V4425	17	3258	78.9	78	123
XH1419	26	3247	77.7	70	119
C0820009	3	3224	78.4	68	127
NE88536	11	3209	75.5	69	128
NE86501	13	3058	76.1	62	123
WI88-024	27	3038	78.3	69	124
C0870310	8	3024	78	60	123
PI518591	4	2989	76	61	126
C0870434	9	2980	75.3	62	118
N87L313	29	2978	74.9	60	121
TX89V4613	14	2970	78	62	121
TX89V5029	15	2929	75.1	60	116

MEAN	3257
LSD(.05)	397
C.V.	7.5

COLBY

KANSAS

THREE REPLICATIONS

C.I. OR SEL. NO.	: ENTRY: NO.	: YIELD : KG/HA	: VOLUME : WEIGHT : KG/HL	: PLANT : HEIGHT : CM	: DAYS TO : HEADING : FROM 1/1:	: LODGING : %
XH1419	26	4860	75.2	92	137	4
NE88556	12	4548	73.1	87	138	5
PI518591	4	4542	73.4	92	140	17
XH1332	25	4510	73.3	94	140	13
CI17650	1	4331	75.1	90	138	50
TX86A7210	20	4210	73.5	91	139	7
NE86501	13	4174	72	87	140	7
TX86D1340	22	4143	75.8	97	141	22
TX89V4613	14	4113	73.2	88	139	50
C0870434	9	4107	74.1	79	136	18
TX89V5029	15	4075	71.3	74	135	25
C0870310	8	4057	72.7	85	138	7
C0880240	10	3950	73.9	91	143	4
TXGH10289	19	3927	72	86	135	15
C0820009	3	3914	73.9	88	141	13
N86L075	28	3856	71.6	86	140	3
PI483469	2	3838	74.1	97	140	4
WI88-024	27	3824	73.9	86	138	2
TX88V4425	17	3822	74.5	97	140	37
TXGH10209	18	3773	73.4	82	135	7
C0860154	5	3685	72	94	141	7
N87L313	29	3679	69.4	80	137	8
2IWWSN-7159	16	3676	70.1	91	139	22
NE88536	11	3600	70.4	93	141	6
C0870258	7	3542	70.7	92	142	15
XNH1401	24	3540	72.6	97	142	7
C0870228	6	3322	70.3	84	138	13
QT542	23	3315	70.8	95	141	4
TX90V6132	21	1928	71.5	99	141	8

MEAN	3892
LSD(.05)	367
C.V.	5.8

SCOTTSBLUFF
NEBRASKA
FOUR REPLICATIONS

C.I. OR SEL. NO.	: ENTRY: : NO. :	: YIELD : : KG/HA :	: VOLUME : : WEIGHT : : KG/HL :	: PLANT : : HEIGHT : : CM :
PI483469	2	3583	78.6	79
XH1332	25	3400	78.8	71
2IWWSN-7159	16	3322	77	70
C0880240	10	3292	78.8	64
TXGH10209	18	3206	78.8	57
TX86D1340	22	3149	77.5	75
TX86A7210	20	3058	79.3	69
TX88V4425	17	3037	79.2	74
XH1419	26	3036	79.3	65
QT542	23	3024	75.5	75
TX90V6132	21	2989	73.5	74
TXGH10289	19	2984	77.3	65
WI88-024	27	2984	77.8	62
PI518591	4	2933	75.5	69
XNH1401	24	2914	77.9	71
NE88536	11	2911	75.5	69
NE88556	12	2876	76.8	64
TX89V4613	14	2818	77.5	62
C0870258	7	2803	74.7	69
C0820009	3	2759	77.4	67
N86L075	28	2748	74.3	62
C0870228	6	2666	76.6	58
CI17650	1	2642	78.9	66
NE86501	13	2523	74.3	62
C0860154	5	2479	75.7	66
C0870434	9	2452	76.8	55
TX89V5029	15	2433	74.9	47
N87L313	29	2201	73.1	53
C0870310	8	2117	73.4	61

MEAN	2874
LSD(.05)	433
C.V.	10.7

ARCHER
WYOMING
THREE REPLICATIONS

C.I. OR SEL. NO.	: ENTRY: NO.	: YIELD KG/HA	: VOLUME WEIGHT KG/HL	: PLANT HEIGHT CM	: DAYS TO HEADING FROM 1/1:	: WSMV 0-9
XH1332	25	1881	68.9	43	157	3.4
PI483469	2	1775	72.2	48	158	3.1
QT542	23	1746	69.1	47	159	4.1
C0870258	7	1686	65.7	48	160	3.7
TXGH10209	18	1679	70.7	41	154	3.3
C0880240	10	1632	69.2	46	158	3.9
NE88556	12	1621	72.2	43	154	3.9
2IWWSN-7159	16	1612	62.9	43	157	4.1
C0820009	3	1560	72.1	49	158	4.3
XH1419	26	1533	70	44	156	4.7
PI518591	4	1506	65.4	38	155	3.3
TXGH10289	19	1500	68.2	43	154	3
XNH1401	24	1471	69	47	159	4.1
N86L075	28	1446	68.5	42	157	4.9
C0860154	5	1435	69.9	47	158	3.3
TX89V4613	14	1419	70.4	41	154	3.6
CI17650	1	1403	73.6	43	154	3.4
WI88-024	27	1401	71.7	47	158	3.5
C0870310	8	1381	67.9	43	156	4.5
TX88V4425	17	1370	69.8	43	155	3.9
NE86501	13	1302	68.7	42	155	3.3
TX90V6132	21	1287	65.4	54	162	4.1
C0870228	6	1253	65.7	41	156	3.3
NE88536	11	1231	68	45	155	3.6
TX89V5029	15	1089	67.7	36	154	4
C0870434	9	939	62.3	40	155	4.3
TX86A7210	20	939	62.6	43	158	3.7
TX86D1340	22	939	62.3	48	160	4.3
N87L313	29	513	51.5	41	158	4.9
MEAN		1398				
LSD(.05)		380				
C.V.		16.6				