

2009 Proso Variety Trial Scottsbluff Irrigated

Variety Name	Entry No.	Grain Yield* (lbs/acre)	Heading (DAP**)	Plant Height (inches)	Grain moisture at harvest (%)	Lodging %	Single seed weight (mg)	Number of seeds/lb
Huntsman	11	3720	38	20	14.9	0	6.9	65,330
177-9-13	5	3430	40	24	14.6	0	6.2	73,660
182-5-18	7	3310	39	21	14.3	25	6.2	73,280
5002wx	17	3310	39	27	13.8	5	6.0	76,200
Earlybird	9	3220	38	18	14.1	0	6.9	66,190
Sunrise	13	3130	38	20	14.7	0	6.9	65,830
5034wx	16	3040	43	23	14.0	13	5.5	83,260
Horizon	10	2990	37	19	14.3	0	6.7	67,400
174-7-13	2	2950	37	21	14.2	3	5.9	76,640
Sunup	14	2940	38	24	14.6	0	6.5	69,530
5059wx	22	2940	39	21	13.4	3	5.5	82,790
177-8	4	2860	35	22	14.2	0	6.0	75,450
Plateau	12	2820	36	15	12.7	0	5.4	83,380
5106wx	15	2760	43	26	13.9	23	5.9	77,320
5061wx	18	2710	38	18	13.2	0	5.5	81,810
5045wx	20	2700	50	30	15.1	8	5.8	78,930
172-2-B	1	2680	39	18	14.3	0	5.4	84,260
177-3-13	3	2580	39	22	14.5	0	5.4	83,760
5104wx	24	2440	50	32	15.2	0	5.6	80,650
Dawn	8	2280	35	20	14.6	8	6.7	68,010
5095wx	23	2150	50	29	15.3	8	5.6	80,900
5011wx	21	2070	50	30	15.2	0	5.4	84,670
182-4-24	6	2030	36	17	14.0	0	5.9	76,360
5087wx	19	2000	51	30	15.2	0	5.6	81,490
AVERAGE		2794	41	23	14.3	4	6.0	76,545
..S.D. (05)		478	1	3	0.4	12	0.3	4,548
c.v.		12.1	2.6	9.2	2.1	212	4.0	4.2

* Yield is adjusted for 12% moisture

** Days after planting

Scottsbluff irrigated

Location: University of Nebraska-Lincoln High Plains Ag Lab, Sidney

Planted: 07/08/09

Harvested 10/09/09

Tillage practice: Conventional tillage

Fertilizer: 38 lbs/acre N, broadcast

Herbicide: 0.5 pt. 2,4-D amine, and 0.75 oz. Aim.

Previous crop: Winter wheat

Comment

Planting was delayed by excessive rain.

Summer temperature was below average, and yields were below average