

## 2009 Proso Variety Trial HPAL Notill Dryland

Variety Name	Entry No.	Grain Yield* (lbs/acre)	Heading (DAP**)	Plant Height (inches)	Grain moisture at harvest (%)	Test Weight lbs/bu	Single seed weight (mg)	Number of seeds/lb
Horizon	10	2600	46	28	15.0	58.4	7.0	64,510
Earlybird	9	2580	46	30	17.1	57.6	7.2	63,130
Sunrise	13	2490	47	30	16.3	58.1	7.1	63,990
5059wx	22	2450	49	35	18.0	54.5	5.7	79,680
182-5-18	7	2420	48	35	14.4	56.6	6.1	74,270
Huntsman	11	2420	48	30	16.7	58.1	6.8	66,740
5061wx	18	2410	48	30	15.9	54.6	5.7	79,950
5034wx	16	2340	50	37	17.8	55.7	5.5	82,060
Plateau	12	2080	44	27	13.3	56.1	5.9	77,520
177-9-13	5	2030	49	36	16.3	56.9	6.1	74,820
5087wx	19	2030	55	39	23.8	52.8	5.3	85,370
182-4-24	6	1920	45	30	14.1	57.5	6.1	74,550
5095wx	23	1890	54	37	24.0	53.1	5.4	84,170
Sunup	14	1850	48	32	19.8	56.7	6.3	71,510
5045wx	20	1850	55	40	25.3	52.4	5.3	85,420
5002wx	17	1830	47	39	16.2	56.0	5.7	79,430
5106wx	15	1750	51	34	15.9	55.4	5.9	77,570
172-2-B	1	1700	49	34	14.0	56.1	5.4	83,380
5011wx	21	1690	55	39	33.7	51.6	5.1	88,980
5104wx	24	1610	54	42	24.1	53.1	5.0	91,210
177-8	4	1590	42	28	16.2	56.0	5.8	77,840
Dawn	8	1570	42	27	15.0	57.7	6.7	67,490
177-3-13	3	1410	48	35	19.4	55.3	5.6	81,670
174-7-13	2	1310	46	34	16.6	56.4	5.9	76,640
<b>AVERAGE</b>		1996	48	34	18.3	55.7	6.0	77,160
L.S.D. (05)		256	2	3.8	1.8	0.6	0.3	5265
c.v.		9	9	8	7.0	0.8	4.0	4.8

\* Yield is adjusted for 12% moisture

\*\* Days after planting

### HPAL dryland no-till

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

Planted: 06/29/09

Harvested 10/02/09

Tillage prc Direct-seeded into wheat stubble from previous year

Fertilizer: 30 lbs/acre N, broadcast

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

Previous c Winter wheat

### Comment:

Planting was delayed by excessive rain.

Precipitation for the growing season was about normal, but temperature was below, so yields were about average