

2009 Proso Variety Trial HPAL Organic 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
5061wx	18	3180	45	22	12.8	54.1	5.7	79,340
Sunrise	13	3110	44	23	11.5	57.9	7.0	64,740
177-9-13	5	3100	46	30	11.9	56.9	6.2	72,960
Horizon	10	3000	42	24	12.4	57.0	6.7	67,350
5034wx	16	2890	48	31	14.1	55.1	5.8	78,530
174-7-13	2	2870	44	29	13.4	55.5	6.0	75,820
Huntsmar	11	2870	44	24	12.1	58.4	6.7	67,600
Earlybird	9	2850	44	26	12.6	57.5	7.0	64,510
Plateau	12	2790	44	25	13.7	53.9	5.6	80,880
5059wx	22	2780	46	28	14.0	54.3	5.7	79,610
172-2-B	1	2770	47	27	10.8	55.6	5.5	82,260
177-3-13	3	2710	46	29	12.1	55.5	5.6	81,020
5106wx	15	2710	48	29	11.1	54.8	6.1	74,890
5002wx	17	2700	47	28	11.6	55.5	6.1	74,520
182-5-18	7	2670	45	29	12.3	56.2	6.2	73,230
177-8	4	2530	39	26	11.9	55.6	6.0	75,890
Sunup	14	2470	44	27	14.4	57.5	6.4	70,710
5104wx	24	2410	51	34	19.8	53.7	5.7	79,680
182-4-24	6	2350	42	25	11.1	56.4	6.1	74,750
5095wx	23	2320	50	34	21.2	54.0	5.7	80,110
Dawn	8	2200	40	24	12.3	56.8	6.6	68,400
5087wx	19	2120	53	33	21.0	53.4	5.5	81,990
5045wx	20	2050	51	36	26.3	52.6	5.6	80,720
5011wx	21	1600	53	32	35.6	51.4	5.4	83,490
AVERAGE		2626	46	28	15.0	55.4	6.0	75,540
L.S.D. (05)		339	2.4	4.9	3.0	0.9	0.2	3,416
c.v.		9	12.1	12.5	14.0	1.1	2.7	3.1

* Yield is adjusted for 12% moisture

** Days after planting

HPAL dryland organic conventional tillage

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

Planted: 06/30/09

Harvested 09/30/09

Tillage pr: Conventional tillage

Fertilizer: Forage peas were plowed down summer 2007.

Herbicide None

Previous (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

Late emerging weeds caused a small yield loss,