

**Table 13. Oat Variety Trials**

<b>Variety</b>	<b>Avg. yield bu/acre</b>	<b>Test Weight</b>	<b>Heading Date</b>	<b>Height Inches</b>
Kelsey	55.2	34.0	7-1	34
Otana	60.0	34.0	7-2	35
Lancer	54.4	31.5	6-28	33
Marathon	41.6	31.0	7- 4	36
Moore	46.0	34.5	7-1	37
Harmon	72.0	32.0	7-2	35
Menominee	48.4	32.0	7-3	35
Hudson	35.2	27.0	7-3	34
Fidler	60.8	27.0	7-5	32
Ogle (ILL 73-2664)	60.0	32.0	6-30	31
Mammoth	39.2	32.0	7-6	34
77-64-152 Jaycee x Hudson	44.8	30.5	7-3	34
77-61-311 Hudson x Dal	50.8	34.0	7-5	32
77-66-13 Dal x Otee	50.0	36.0	7-3	34
76-530-301 Dal x Kelsey	56.0	35.0	7-5	30
Haylander	46.0	31.5	6-30	36
335M	60.0	31.0	7-2	37
Lsd 6.6				
CV 12%				

**Table 14. Long Term Yield Comparison – Oat Varieties**

<b>Variety</b>	<b>1977</b>	<b>1978</b>	<b>1979</b>	<b>1980</b>	<b>1981</b>	<b>5 – yr Avg.</b>
Kelsey	51	96	95	45	55	68
Harmon	45	81	85	38	72	64
Hudson	51	92	96	42	35	63
Otana	52	99	98	48	60	71
Menominee		86	93	49	48	
Moore		96	80	41	46	
Lancer		60	75	36	54	
Marathon					42	
Mammoth					39	
Fidler					61	
Haylander					46	

**Table 15. Oats Variety Trials – Dickinson and Off-Station Sites – 1981****Yield in Bushels per Acre**

<b>Variety</b>	<b>Dickinson</b>	<b>Beach</b>	<b>Beulah</b>	<b>Bowman</b>	<b>Center</b>	<b>Glen Ullin</b>	<b>Manning</b>	<b>Regent</b>	<b>Average 8 - sites</b>
Kelsey	55	47	87	48	69	52	30	59	56
Otana	60	49	87	60	70	50	35	58	59
Menominee	48	50	86	48	73	49	31	63	57
Marathon	42	41	71	41	62	55	25	57	49
Moore	46	43	74	53	62	52	30	51	51
Mammoth	39	30	76	31	61	50	21	45	44
Harmon	72	39	71	36	55	53	22	55	50
Lsd, bpa	6.6	4.5	3.9	10.4	9.3	6.6	2.0	3.6	
CV %	12	9	4	12	13	12	6	6	
<b>Variety</b>	<b>Test Weight per Bushel</b>								
Kelsey	34	35	38	40	40	35	38	37	37
Otana	34	36	38	38	39	36	36	38	37
Menominee	32	34	38	35	40	34	34	33	35
Marathon	31	32	38	34	38	32	29	30	33
Moore	35	34	38	36	38	34	34	38	36
Mammoth	32	32	37	37	39	32	38	31	35
Harmon	32	32	38	35	38	32	32	33	34