

Table 8. Agronomic data from the inter-state hard red winter wheat nursery, Creston, Montana, 1958.
 Four row plots, four replications.
 Planted: September 20, 1957 Harvested: August 6, 1958 Size of Plot: 16 sq. ft.

Variety or	C.I. or	Heading Date	Height in Inches	% Stand	Lodg. %	Draw Bunt	Grams Per Plot				Total Grams	Ave. Bu/A	Bushel Wt. in Pounds
							I	II	III	IV			
Commanche x C. I. 12250	-----	6/5	33	74	2	.4	591	570	565	711	2437	60.9	64.0
Columbia	12928	6/5	36	81	1	--	500	481	690	570	2241	56.0	63.9
Westmont	12930	6/5	38	88		1.0	509	760	545	781	2595	64.9	63.5
Rego	31381	6/7	44	91	32	--	510	600	625	660	2395	59.8	61.5
Itana	12933	6/10	43	88		.3	645	507	705	565	2422	55.6	63.5
Burt	12696	6/8	33	70	4	.1	292	515	745	605	2157	53.9	61.8
Wasatch	11925	6/8	42	89	15	.3	540	435	510	486	1971	49.3*	63.5
Kharkof 17-7	13263	6/8	43	85	29	.2	528	506	532	545	2111	52.8	62.5
Cheyenne	8885	6/11	43	73	21		451	360	570	580	1961	49.0*	63.5
Cheyenne 57	13426	6/9	43	84	18	.1	505	536	560	560	2161	54.0	63.1
Newtunk	6935	6/9	41	80	38	.3	455	457	615	448	1975	49.4*	62.5
Logo	8033	6/10	41	86	38		340	551	477	609	1977	49.4*	62.5
Karmont	6700	6/9	43	83	64	.1	406	436	524	452	1818	45.5*	62.5
Triplet	5408	6/6	42	93	4	.6	602	625	580	690	2497	61.9	63.5
Omar	13072	6/10	39	89	11	.4	542	535	675	689	2441	61.0	61.4
Mintruksi x Timophevii xVu ² 12806		6/17	45	96	3	--	468	548	470	351	1837	45.9*	62.0
H44 x Mintark ⁴ Minn	2844	6/6	43	91	36	.6	452	541	570	478	2041	51.0*	62.2
Yogo x Turkey/Oro-66	13427	6/9	45	86	28		634	583	490	615	2322	58.1	63.0
Yogo x Turkey/Oro-88	13428	6/7	45	89	75	.1	416	576	649	565	2206	55.2	62.5
Yogo x Turkey/Oro-121	13429	6/9	43	89	65		465	569	466	531	2031	50.8*	63.0

* Varieties yielding significantly less than the check (5%)

NOTE: Westmont used as a check in the nursery.

ANALYSIS OF VARIANCE

Source	D.F.	Mean Square	F
Replications	3	32,215.67	5.14**
Varieties	19	13,249.69	2.11*
Error	57	6,268.09	
Total	79		

Mean Yield	54.5
S.E. \bar{x}	3.9586
L.S.D. (5%)	11.1
C. V.	7.26%