

Table 6. Agronomic data from the Western Uniform Hard Red Winter Wheat Nursery. Grown on the Conrad Gilbertson farm in the Stillwater area, Kalispell, Montana. Four row plots
Four replications.
Planted September 19, 1957 Size of Plot: 16 sq. ft.

Variety or Cross	C.I. or N. No.	Heading Date	Height in Inches	Broken Straw 0-10*	Stand in %	Dwarf Bunt %	Grams Per Plot				Total Grams	Ave. Bu. /A	Bu. Wt. in Lbs.
							I	II	III	IV			
Westmont	12930	6/4	29	2.0	85	.16	260	342	170	486	1258	31.5	62.5
Columbia	12928	6/5	29	2.0	91	.20	335	360	295	370	1360	34.0	63.5
Itana	12928	6/8	34	1.0	86	.30	309	394	375	460	1538	38.5	62.0
Kharkof	1442	6/7	32	4.0	74	.13	346	239	300	108	993	24.8	62.5
Rio	10061	6/8	33	4.5	76	.22	354	190	324	270	1138	28.5	62.5
Burt	12696	6/6	30	.8	76	.08	485	345	250	350	1430	35.8	62.5
Comanche	11675	6/3	30	4.3	66	.09	155	324	321	85	885	22.1	62.5
Wasatch	11925	6/6	37	1.3	86	.02	465	315	212	220	1212	30.3	63.0
Cheyenne	8885	6/7	36	2.3	79	.20	435	432	180	365	1412	35.3	63.0
Cheyenne-57	13426	6/7	32	1.8	88	.19	455	444	320	188	1407	35.2	63.0
Itana Selection	12933-1	6/6	33	.5	95	.11	490	440	355	299	1584	39.6	62.5
Yogo x Turkey/Oro 66	13427	6/9	34	3.3	83	.09	300	419	225	291	1235	30.9	63.0
Yogo x Turkey/Oro 88	13428	6/8	35	2.8	85	.11	359	174	328	265	1126	28.2	62.5
Yogo x Turkey/Oro 121	13429	6/7	33	3.3	84	.17	449	319	215	122	1105	27.6	62.5
Agrotricum	13430	6/12	40	1.8	71	.06	200	85	145	95	525	13.1**	57.4
Mint. x Tim/Vulgare ²	12806	6/15	39	.3	96	.19	360	281	302	270	1213	30.3	61.5
H-44 x Minturk ⁴ Minn	2844	6/6	36	1.3	89	.06	325	319	375	176	1195	29.9	62.0
Kharkof -17-7	13263	6/6	35	1.8	84	.02	433	315	369	230	1347	33.7	61.1
Paw x Med x Hope/Com x Oro x TK x Fl.	K53423	6/2	31	1.8	75	.02	318	285	190	170	963	24.1	61.1
Comanche x C.I. 12250	-----	6/3	28	2.3	75	.02	374	283	237	186	1080	27.0	61.9

*0-10

0 - No Straw broken

10 - All broken over

Note: Westmont used as a check in this nursery

** Varieties yielding significantly less than the Check (1%)

ANALYSIS OF VARIANCE

Source	D.F.	Mean Square	F
Replications	3	46,667.33	
Varieties	19	15,015.00	
Error	57	6,879.98	82.9456
Total	79		

Mean Yield

S.E. \bar{x}

L.S.D. (5%)

L.S.D. (1%)

C.V.

30.1

4.1473

11.7

15.5

13.82