

Dry matter yield (lb/ac), warm-season cover crop sequence study, Central Ag Research Center, Moccasin, MT.

TREATMENT	-----COVER CROP-----				-----FORAGE-----				-----GRAIN-----			
	SW1	SW10	NT1	SW2	SW1	SW10	NT1	SW2	SW1	SW10	NT1	SW2
Fallow												
Browntop millet	95	426	485	112	537	990	750	778				
Buckwheat	2328	1180	636	730	2368	885		1444	119			43
Bush cowpea	467	783	397	300	1167	918	833	678				
Corn	1661	1822	1592	3616	2981	4490	4787	5170	567		992	1339
Corn + pinto	1773	2567	1008	1074	3797	3978	3650	2042	621		1061	173
CS cocktail	1818	2061	1291	1074	2446	2204	1877	3366	1322	219	29	935
Forage sorghum	1699	1261	703	1318	2713	1631	1328	1856				
German millet	1193	1412	1119	2178	2315	1658	2234	3126		10	2	
Grain sorghum	1762	1578	1421	1268	1992	3022	2232	2508	170	35	53	
Hungarian millet	1980	1358	1427	2298	2520	2008	2290	3150	576	104	14	283
Mung bean	759	728	467	344	1606	1106	1041	1026	13			
Navy bean	1218	921	550	668	1290	1498	792	930	96	37		
Pearl millet	869	948	616	926	1733	1690	1871	1274				
Pinto bean	1296	1007	457	504	1736	1396	869	852	154	79	93	418
Proso millet	1324	1250	982	1534	1978	814	1321	2994	99		45	437
Proso + pinto	2488	1192	1363	1366	3090	1889	2366	2310	73	193		397
Sorghum x sudan	1684	1153	777	1346	2450	1855	1296	1472				
Soybean	1419	717	340	570	2182	1119		982	168	46		217
Spring pea	1316	2027	1723	1456	1570	2367	1904	2406	1008	306	124	963
Spring wheat	1463	1381	1156	2064	1567	1800	1476	2736	1492	580	313	1146
Sudangrass	1728	1451	1125	1548	2840	1714	1382	2206		25	2	
Sunflower	3114	2655	3068	3646	2904	4135	3279	4292	755	757	265	326
Teff		474	194	1048		1651	280	2260				54
Viney cowpea	705	644	406	174	1237	1301	863	980				
WS cocktail	1925	1270	1284	1204	3124	2034	1746	1972				
Mean	1503	1291	983	1295	2173	1926	1759	2112	482	199	249	518
CV%	29.2	27.0	31.0	20.1	27.2	39.0	24.0	19.0	40.2	91.7	56.8	38
LSD (0.05)	620	497	424	393	830	1056	607	565	310	263	204	279
P-Value	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

Underline = top performer(s); **Bold** = statistically equivalent to top performer(s)

Post-treatment wheat yields, warm-season cover crop sequence study, Central Ag Research Center, Moccasin, MT.

TREATMENT	-----TEST WT-----			-----WHEAT YIELD-----		
	SW1	SW10 ----- (lb/bu) -----	NT1	SW1	SW10 ----- (bu/ac) -----	NT1
Fallow	64	62	61.5	39	36	20
Browntop millet	64.6	61.9	61.3	39	36	17
Buckwheat	65.2	62.1	61.8	38	32	19
Bush cowpea	64.6	61.4	61.4	38	32	20
Corn	65.2	62.1	62.4	37	29	19
Corn + pinto	65.2	61.5	62.3	36	31	22
CS cocktail	65.3	61.9	61.9	39	30	21
Forage sorghum	65.8	62.2	62.5	34	27	20
German millet	65.4	62	62.1	37	32	17
Grain sorghum	65.6	62.3	61.6	30	31	18
Hungarian millet	65.6	61.3	62	32	31	18
Mung bean	64.4	61.2	61.9	38	32	22
Navy bean	65.1	61.9	61.7	43	36	18
Pearl millet	65.7	61.3	61.7	40	34	21
Pinto bean	65	61.3	61.8	40	30	18
Proso millet	65.8	61.9	61.4	28	34	18
Proso + pinto	65.5	62	61.9	37	32	19
Sorghum x sudan	65.6	62.4	62.2	30	33	17
Soybean	65	61.8	61.8	39	31	22
Spring pea	64.8	61.9	61.8	45	34	21
Spring wheat	65.3	62.3	62.1	35	30	19
Sudangrass	65.5	62.2	62.1	33	33	18
Sunflower	64.8	62.4	62	37	34	16
Teff	63.6	62.1	62	42	33	20
Viney cowpea	65.1	61.3	61.3	39	31	19
WS cocktail	65.2	61.7	61.9	33	33	18
Mean	65.10	61.90	61.9	37.00	32.00	19.00
CV%	29.20	0.90	0.9	14.40	13.30	14.20
LSD (0.05)	NS	NS	NS	6.50	NS	NS
P-Value	<0.06	0.09	0.3	<0.001	0.19	0.81

Bold = top performer(s) **Bold** = statistically equivalent to top performer(s)