

Seed yield (lbs/acre) from Hexaploid Timothy - Climax seeded at different dates

Dates of Seeding	1969 Seeding					1970 Seeding					1971 Seeding				1972 Seeding					15-Harvest Average
	1st 1970	2nd 1971	3rd 1972	4th 1973	TOTAL	1st 1971	2nd 1972	3rd 1973	4th 1974	TOTAL	1st 1972	2nd 1973	3rd 1974	TOTAL	1st 1973	2nd 1974	3rd 1975	4th 1976	TOTAL	
Before May 15	104	582	145	134	965	485	422	370	238	1515	118	305	252	675	562	497	221	341	1621	318
May 16-31	126	806	189	147	1268	504	423	352	228	1507	160	356	257	773	612	537	258	325	1732	352
June 1-15	125	649	205	144	1123	382	449	352	252	1435	228	364	242	834	694	583	280	325	1882	352
June 16-30	96	476	202	161	935	304	398	343	192	1237	275	427	247	949	776	629	302	324	2031	343
July 1-15	115	577	225	166	1083	111	385	407	239	1142	191	451	218	860	405	537	279	338	1559	310
July 16-31	113	679	243	160	1195	75	424	390	286	1175	140	451	245	836	308	584	316	367	1575	319
Aug. 1-15	111	642	250	164	1167	38	453	421	183	1095	61	536	241	838	203	580	331	406	1520	308
Aug. 15-31	141	797	310	181	1429	23	392	352	103	870	1	443	303	747	113	595	352	443	1503	303
Sept. 1-15	125	598	291	244	1258	18	397	333	93	841	1	469	252	722	57	570	362	438	1427	283
Sept. 16-30	101	733	361	253	1448	14	401	314	83	812	0	331	282	613	0	544	372	433	1349	281
After Oct. 1	21	647	402	200	1270	2	351	333	117	803	0	352	288	640	-	-	-	-	-	247*

* 11-harvest average - trt not seeded 1972

Seed Yields (lbs/acre) from Nodosum Timothy - S.50 seeded at different dates

Dates of Seeding	1969 Seeding					TOTAL	1970 Seeding					TOTAL	1971 Seeding				TOTAL	1972 Seeding				TOTAL	7-Harvest Average
	1st 1970	2nd 1971	3rd 1972	4th 1973	1st 1971		2nd 1972	3rd 1973	4th 1974	1st 1972	2nd 1973		3rd 1974	1st 1973	2nd 1974	3rd 1975		4th 1976					
Before May 15											68	181	170	419	281	272	34	25	612	147			
May 16-31											156	238	171	565	328	252	42	39	661	175			
June 1-15											117	305	191	613	309	254	51	41	655	181			
June 16-30											103	329	219	651	290	256	59	43	648	186			
July 1-15											83	329	300	712	90	138	67	45	340	150			
July 16-31		NOT TESTED					NOT TESTED					32	309	228	569	41	167	115	72	395	138		
Aug. 1-15											10	293	201	504	22	208	138	73	441	135			
Aug. 16-31											0	265	189	454	13	228	156	66	463	131			
Sept. 1-15											Poor plant establishment			6	165	126	45	342	86*				
Sept. 16-30											Plots discarded			0	102	96	24	222	56*				
After Oct. 1											Plots discarded summer 1972			-	-	-	-	-	-				

* 4-harvest average

Seed Yields (lbs/acre) from Wheatgrass, Crested - Fairway seeded at different dates

Dates of Seeding	1969 Seeding					1970 Seeding					1971 Seeding				1972 Seeding					15-Harvest Average
	1st 1970	2nd 1971	3rd 1972	4th 1973	TOTAL	1st 1971	2nd 1972	3rd 1973	4th 1974	TOTAL	1st 1972	2nd 1973	3rd 1974	TOTAL	1st 1973	2nd 1974	3rd 1975	4th 1976	TOTAL	
Before May 15	564	946	213	81	1804	604	559	489	275	1927	592	701	330	1623	908	613	399	135	2055	494
May 16-31	713	989	226	99	2027	672	647	470	347	2136	721	983	439	2143	779	745	388	126	2038	556
June 1-15	609	1151	243	93	2096	539	806	561	420	2326	512	941	518	1971	779	886	434	138	2237	575
June 16-30	520	1150	284	96	2050	672	695	468	368	2203	355	963	570	1888	779	1027	479	149	2434	572
July 1-15	409	1443	438	162	2452	517	687	575	382	2161	250	723	522	1495	471	1169	501	141	2282	559
July 15-31	349	1500	461	174	2484	317	853	631	462	2263	276	773	682	1731	358	1096	579	173	2206	579
Aug. 1-15	406	1339	562	243	2550	104	517	578	396	1595	182	805	783	1770	167	1094	621	183	2065	532
Aug. 15-31	171	1242	693	350	2456	82	637	661	231	1611	15	673	702	1390	82	1085	658	198	2023	499
Sept. 1-15	41	1258	637	342	2278	51	668	710	280	1709	11	790	762	1563	44	892	632	210	1778	489
Sept. 16-30	76	1396	788	351	2611	20	699	759	327	1805	0	641	880	1521	1	699	606	222	1528	498
After Oct. 1	11	1404	907	442	2764	1	476	988	464	1929	0	429	901	1330	-	-	-	-	-	548

Seed Yields (lbs/acre) from Wheatgrass, Intermediate - Chief seeded at different dates

Dates of Seeding	1969 Seeding					1970 Seeding					1971 Seeding				1972 Seeding					15-Harvest Average
	1st 1970	2nd 1971	3rd 1972	4th 1973	TOTAL	1st 1971	2nd 1972	3rd 1973	4th 1974	TOTAL	1st 1972	2nd 1973	3rd 1974	TOTAL	1st 1973	2nd 1974	3rd 1975	4th 1976	TOTAL	
Before May 15	388	461	9	6	864	464	287	90	189	1030	575	428	345	1348	637	673	165	105	1580	321
May 16-31	441	561	9	6	1017	572	306	123	210	1211	703	549	393	1645	884	774	172	148	1978	390
June 1-15	425	632	6	6	1069	555	283	114	181	1133	515	569	460	1544	859	816	179	155	2009	384
June 16-30	351	604	5	8	968	519	279	142	261	1201	352	560	416	1328	834	858	185	162	2039	369
July 1-15	445	664	9	8	1126	416	350	166	235	1167	172	450	466	1088	415	833	233	229	1710	339
July 16-31	336	728	13	11	1138	271	381	245	280	1177	198	584	430	1212	249	1020	325	220	1814	356
Aug. 1-15	177	691	17	16	901	127	358	259	324	1068	84	586	524	1194	107	917	378	264	1666	322
Aug. 16-31	59	762	28	18	867	85	361	222	224	892	0	398	716	1114	50	824	417	251	1542	294
Sept. 1-15	53	872	97	23	1045	52	395	270	258	975	0	516	784	1300	31	770	449	331	1581	327
Sept. 16-30	0	980	123	23	1126	18	429	317	293	1057	0	132	329	461	12	716	481	411	1620	284
After Oct. 1	0	835	173	26	1034	4	301	308	352	965	0	295	728	1023	-	-	-	-	-	275*

* 11-harvest average - trt not seedd in 1972

Seed Yields (lbs/acre) from Carlton brome grass seeded with different companion crops

COMPANION CROP	Bu/A 1969	1969 Seeding					Bu/A 1970	1970 Seeding					Bu/A 1971	1971 Seeding				Bu/A 3 yr. Ave.	Grass Seed 11- Harvest Average
		Grass Seed Harvest						Grass Seed Harvest						Grass Seed Harvest					
		1st 1970	2nd 1971	3rd 1972	4th 1973	TOTAL		1st 1971	2nd 1972	3rd 1973	4th 1974	TOTAL		1st 1972	2nd 1973	3rd 1974	TOTAL		
Control	-	98	863	390	199	1550	-	715	1165	527	705	3112	-	831	783	405	2019	-	607
Wheat	55	118	887	384	275	1664	16	151	1171	636	559	2517	46	262	639	384	1285	39	497
Flax	27	135	776	364	181	1456	11	185	1395	539	690	2809	21	248	878	404	1530	20	527
Oats	137	91	719	304	203	1317	34	181	1210	636	676	2703	114	223	791	440	1454	95	498
Late barley	110	81	968	359	220	1628	27	148	1447	462	609	2666	94	183	689	352	1224	77	502
Early barley	85	98	834	299	248	1479	20	177	1334	565	641	2717	80	331	767	365	1463	62	514
Rape	43	137	800	410	303	1650	26	140	1271	583	723	2717	41	262	777	374	1413	37	525

Seed Yields (lbs/acre) from Boreal creeping red fescue seeded with different companion crops

COMPANION CROP	Bu/A 1969	1969 Seeding					Bu/A 1970	1970 Seeding					Bu/A 1971	1971 Seeding				Bu/A 3 yr. Ave.	Grass Seed 11- Harvest Average
		Grass Seed Harvest						Grass Seed Harvest						Grass Seed Harvest					
		1st 1970	2nd 1971	3rd 1972	4th 1973	TOTAL		1st 1971	2nd 1972	3rd 1973	4th 1974	TOTAL		1st 1972	2nd 1973	3rd 1974	TOTAL		
Control	-	271	458	30	0	759	-	637	681	343	112	1773	-	937	1007	224	2168	-	427
Wheat	61	59	526	30	0	615	18	42	799	349	83	1273	45	118	990	124	1232	41	284
Flax	32	167	512	30	0	709	10	55	816	464	90	1425	22	323	1059	225	1607	21	340
Oats	143	94	595	30	0	719	32	70	766	330	96	1262	115	180	1065	118	1363	97	304
Late barley	113	22	688	30	0	740	30	39	763	450	82	1334	89	60	1042	108	1210	77	299
Early barley	84	100	655	30	0	785	19	58	754	342	148	1302	71	304	1117	164	1585	58	334
Rape	50	285	494	30	0	809	29	63	848	379	119	1409	33	220	1360	260	1840	37	369

Seed Yields (lbs/acre) from Mimer meadow fescue seed 1 with different companion crops

COMPANION CROP	1969 Seeding						1970 Seeding						1971 Seeding					Bu/A 3 yr. Ave.	Grass Seed 11- Harvest Average
	Bu/A 1969	Grass Seed Harvest					Bu/A 1970	Grass Seed Harvest					Bu/A 1971	Grass Seed Harvest					
		1st 1970	2nd 1971	3rd 1972	4th 1973	TOTAL		1st 1971	2nd 1972	3rd 1973	4th 1974	TOTAL		1st 1972	2nd 1973	3rd 1974	TOTAL		
Control	-	390	859	162	137	1548	-	1009	723	474	432	2638	-	763	900	473	2136	-	575
Wheat	60	245	895	198	158	1496	14	240	862	580	520	2202	40	276	770	419	1465	38	469
Flax	29	369	898	160	89	1516	10	294	982	556	517	2349	19	332	1012	550	1894	19	524
Oats	133	235	987	187	78	1487	39	232	919	541	498	2190	107	279	862	544	1685	93	487
Late barley	106	164	961	153	85	1363	28	197	994	468	472	2131	80	139	602	294	1035	71	412
Early barley	85	233	856	178	105	1372	17	246	983	513	538	2280	77	279	828	395	1502	60	467
Rape	42	385	769	175	115	1444	25	254	933	524	491	2202	33	199	950	468	1617	33	478