

Grass 'Variety' and species	15 April	16 July					16 July Grass Average
		Applied Nitrogen (lb/ac)					
		0	50	100	150	200	
<b>Phosphorus:</b>							
'Paiute' orchardgrass	13.7	10.0	9.7	10.8	10.5	8.2	9.9
'Paddock' meadow bromegrass	15.0	9.3	12.1	12.6	9.7	15.2	11.8
'Manchar' smooth bromegrass	14.7	10.0	13.0	13.8	12.3	14.0	12.6
'Luna' intermediate wheatgrass	14.7	10.7	12.2	13.5	10.5	11.3	11.6
'Oahe' intermediate wheatgrass	18.3	21.0	14.7	13.4	10.7	17.8	15.5
'NewHy' hybrid wheatgrass	17.0	26.0	16.9	12.1	11.5	11.1	15.5
'Hycrest' crested wheatgrass	21.0	12.0	12.3	13.9	12.1	14.9	13.1
'Bozoisky' Russian wildrye	20.0	14.7	12.6	11.6	12.2	19.8	14.2
<b>Calcium:</b>							
'Paiute' orchardgrass	4699	5691	5540	5901	5748	6077	5792
'Paddock' meadow bromegrass	5309	5493	5579	5719	5821	5817	5686
'Manchar' smooth bromegrass	5921	5727	5724	5583	6079	5733	5769
'Luna' intermediate wheatgrass	5274	5240	5552	5810	6198	6216	5803
'Oahe' intermediate wheatgrass	5528	5601	5891	6164	5915	5448	5804
'NewHy' hybrid wheatgrass	5745	5898	6715	6731	6391	6715	6490
'Hycrest' crested wheatgrass	5314	6482	6215	6096	5922	5750	6093
'Bozoisky' Russian wildrye	5700	5730	5903	5974	6000	6367	5995
<b>Potassium:</b>							
'Paiute' orchardgrass	297	332	297	296	312	292	306
'Paddock' meadow bromegrass	324	245	257	277	300	246	265
'Manchar' smooth bromegrass	360	274	270	276	331	329	296
'Luna' intermediate wheatgrass	392	226	270	286	300	294	275
'Oahe' intermediate wheatgrass	354	258	316	321	310	251	291
'NewHy' hybrid wheatgrass	381	323	342	347	312	302	325
'Hycrest' crested wheatgrass	316	267	307	305	326	267	294
'Bozoisky' Russian wildrye	365	283	288	291	304	288	291
<b>Magnesium:</b>							
'Paiute' orchardgrass	696	787	783	891	880	917	852
'Paddock' meadow bromegrass	726	711	779	823	842	819	795
'Manchar' smooth bromegrass	770	875	869	824	906	827	860
'Luna' intermediate wheatgrass	737	688	795	888	970	1032	875
'Oahe' intermediate wheatgrass	758	755	820	879	797	738	798
'NewHy' hybrid wheatgrass	617	887	1146	1115	845	1000	999
'Hycrest' crested wheatgrass	741	874	890	857	818	747	837
'Bozoisky' Russian wildrye	761	739	789	806	825	898	812