

Supplemental Table S1. Mean values corresponding to 58 orchardgrass families and three commercial cultivars evaluated in 2013 and 2014 at Lewiston and Millville, UT, under frequent and infrequent harvest frequencies. Means are across years, location, and harvest frequencies. Traits are maturity (MAT; 1—very late to 5—very early), herbage dry mass (HDM; Mg ha⁻¹), crude protein (CP; g kg⁻¹), in vitro true digestibility (IVTD; g kg⁻¹), neutral detergent fiber digestibility (NDFD; g kg⁻¹), and water soluble carbohydrate concentration (WSC; g kg⁻¹). Values in the statistically highest grouping for each trait are italicized and bolded.

HSF	MAT	HDM	CP	IVTD	NDFD	WSC
LaS_5	3.7	18.5	190	848	728	56
LaS_12	3.7	17.9	175	841	719	59
PoS_7	3.7	17.7	174	834	715	55
U2_1	3.6	17.1	172	845	735	60
I5_5	3.5	17.4	175	843	745	58
PaS_2	3.5	18.6	165	837	708	58
PoS_1	3.5	19.2	171	845	709	56
I4_1	3.4	20.1	180	852	723	62
Paiute	3.2	16.9	177	840	723	54
I5_4	3.2	17.0	172	844	718	60
LaS_9	3.2	16.7	171	839	714	63
PaS_1	3.2	17.9	176	838	723	52
PoS_5	3.2	17.1	180	843	747	55
PoS_14	3.2	17.4	174	841	710	56
PoS_11	3.2	18.3	172	833	707	53
PoS_12	3.2	17.1	172	844	723	55
LaS_15	3.1	17.2	179	842	725	57
LaS_14	3.1	16.4	180	842	709	53
PoS_3	3.1	18.9	179	843	715	54
PoS_9	3.1	17.5	176	832	701	48
PoS_13	3.1	17.1	173	838	711	54
PoS_10	3.1	18.0	169	841	761	48
I3_1	3.0	18.2	176	838	709	55
I4_2	3.0	17.9	181	844	704	58
I5_6	3.0	18.1	178	841	723	55
I5_3	3.0	18.6	181	844	725	58
PaS_5	3.0	17.4	172	838	718	58
I5_7	2.9	16.4	176	843	715	56
LaS_1	2.9	17.6	176	840	724	57
PaS_3	2.9	17.2	177	851	736	61
I3_2	2.8	17.6	187	848	733	55
LaS_2	2.8	18.1	176	842	720	58
LaS_6	2.8	16.6	171	836	717	54
PoS_15	2.8	17.7	173	840	699	54

Potomac	2.7	16.3	180	842	731	55
LaS_10	2.7	16.5	178	842	747	58
PaS_6	2.7	17.4	168	835	728	56
I3_3	2.6	17.3	173	839	711	49
PaS_7	2.6	17.3	174	833	712	54
I5_1	2.5	16.6	172	842	728	62
I5_2	2.5	17.3	177	847	733	59
LaS_8	2.5	18.0	175	837	695	59
LaS_13	2.5	17.4	177	844	709	58
LaS_7	2.4	18.1	170	845	709	58
PaS_4	2.4	16.7	174	839	727	58
Icon	2.3	16.6	178	845	726	60
LaS_4	2.3	17.1	167	842	685	61
LaS_11	2.3	19.1	179	835	709	57
PaS_9	2.3	16.3	181	852	732	56
PaS_11	2.3	15.3	174	842	719	60
PoS_4	2.3	17.4	178	844	714	60
PoS_6	2.3	16.6	169	838	707	62
PoS_8	2.3	18.0	174	836	711	53
LaS_3	2.2	19.0	179	842	730	51
I3_4	2.0	16.8	164	790	720	68
PaS_12	2.0	16.2	167	838	717	54
U2_2	2.0	17.1	177	842	740	55
PaS_10	1.8	16.7	176	846	723	55
PaS_13	1.8	17.9	173	846	740	62
PoS_2	1.6	19.0	185	848	731	57
PaS_8	1.5	17.2	171	842	719	66
LSD 5%	0.8	1.6	9	7	23	7
<i>p</i>	<0.001	0.007	0.04	<0.001	0.005	0.008
