

Table 3. Herbage production, nutritive values, and predicted intake and milk production from the Bingham on-farm trial conducted in 2017 and 2018 in Weston, Idaho. Pasture treatments included meadow brome (MB), meadow brome and birdsfoot trefoil (MB+BFT), orchardgrass (OG), orchardgrass and birdsfoot trefoil (OG+BFT), perennial ryegrass (PR), perennial ryegrass and birdsfoot trefoil (PR+BFT), tall fescue (TF), and tall fescue and birdsfoot trefoil (TF+BFT). Adapted from M. Rose M.S. thesis, 2019, Utah State University.

Trmt.	Herbage production		CP		NDF		NDFD		IVTD		Lignin		WSC	
	lb. acre ⁻¹		-----%		-----%		-----%		-----%		-----%		-----%	
TF+BFT	2640	A	15.3	D	52.9	AB	63.5	CD	79.5	CD	3.5	CD	6.2	E
TF	2629	A	14.6	D	54.9	A	62.3	D	77.2	E	3.7	C	6.3	E
OG+BFT	1774	B	15.8	D	54.0	AB	68.4	AB	81.1	C	3.0	E	7.4	DE
OG	1445	BC	14.9	D	54.2	AB	65.6	BC	79.3	D	2.9	E	8.2	CD
MB	1262	BC	16.1	D	52.0	B	65.8	BC	83.4	B	3.4	D	8.9	BC
MB+BFT	1144	C	20.0	B	43.5	C	67.1	B	84.6	B	4.1	B	9.6	AB
PR+BFT	579	D	23.3	A	29.0	E	61.1	D	88.3	A	5.1	A	10.8	A
PR	454	D	18.1	C	40.5	D	71.0	A	87.0	A	3.7	C	10.2	AB
Mean S.E	565		1.7		2.8		2.0		1.8		0.2		0.5	

	TDN	NE _L	Pred. DMI	2017				2018						
				Milk day ⁻¹ †		Milk acre ⁻¹ †		Milk day ⁻¹ †		Milk acre ⁻¹ †				
				-----lb.-----		-----lb.-----		-----lb.-----		-----lb.-----				
TF+BFT	62.2	E	0.6	E	2.8	CD	58	CD	2638	AB	50	D	5281	A
TF	57.1	F	0.6	F	2.6	D	45	E	2704	A	39	E	3997	B
OG+BFT	67.8	B	0.7	B	2.9	CD	67	C	2439	ABC	59	C	3949	B
OG	63.2	DE	0.6	DE	2.9	CD	54	DE	1919	C	56	CD	2763	C
MB	65.2	C	0.7	C	2.9	CD	60	CD	1961	C	59	C	2526	C
MB+BFT	71.0	A	0.7	A	3.5	B	90	B	2023	BC	76	B	2827	C
PR+BFT	72.7	A	0.8	A	4.8	A	141	A	1129	D	110	A	1557	D
PR	65.3	CD	0.7	CD	3.0	C	61	CD	576	D	59	C	1071	D
Mean S.E	1.7		0.02		0.2		4		232		3		329	

† Predicted values are intended for comparison between treatments rather than for precise numerical estimates.

Pasture treatments followed by different letters (a,b,c,d,e) are significantly different ($p = 0.05$).