

Table 1. Growth performance responses through d 150 with replacement of DDGS (15% inclusion) with extruded and expelled SBM (30 or 60% replacement of DDGS) in steers.¹

	DDGS:EXTEXPSBM			SEM	P - value		
	100:0	70:30	40:60		Overall	Linear	Quadratic
Steers, n	48	47	48	-	-	-	-
Pens, n	6	6	6	-	-	-	-
Initial BW, lbs	880	880	880	1.1	0.81	1.00	0.52
Initial to d 28							
d 28 BW, lbs	973	984	984	5.5	0.12	0.09	0.24
ADG, lbs	3.33	3.73	3.73	0.200	0.14	0.08	0.29
S.D. ADG	0.718	0.623	0.698	0.0885	0.55	0.82	0.29
DMI, lbs	19.26	19.56	19.89	0.280	0.13	0.05	0.95
G:F	0.173	0.191	0.187	0.0089	0.18	0.15	0.21
F:G ²	5.78	5.24	5.35	-	-	-	-
d 29 to d 70							
d 70 BW, lbs	1127	1134	1150	8.3	0.06	0.02	0.54
ADG, lbs	3.67	3.56	3.95	0.139	0.04	0.06	0.06
S.D. ADG	0.554	0.571	0.574	0.0936	0.97	0.84	0.93
DMI, lbs	22.90	22.78	23.99	0.365	0.01	0.01	0.06
G:F	0.160	0.156	0.165	0.0056	0.36	0.46	0.23
F:G ²	6.25	6.41	6.06	-	-	-	-
d 71 to d 105							
d 105 BW, lbs	1267	1274	1303	11.2	0.02	0.01	0.30
ADG, lbs	3.99	4.00	4.37	0.143	0.04	0.02	0.19
S.D. ADG	0.536	0.635	0.704	0.0964	0.25	0.10	0.87
DMI, lbs	24.77	24.37	25.79	0.515	0.07	0.09	0.08
G:F	0.161	0.165	0.169	0.0051	0.33	0.15	0.87
F:G ²	6.21	6.06	5.92	-	-	-	-
d 106 to d 150							

d 150 BW, lbs	1415	1422	1447	14.0	0.10	0.04	0.47
ADG, lbs	3.29	3.29	3.21	0.193	0.91	0.72	0.84
S.D. ADG	0.592	0.491	0.514	0.0670	0.33	0.27	0.31
DMI, lbs	24.01	23.64	24.25	0.483	0.47	0.64	0.27
G:F	0.137	0.139	0.132	0.0061	0.60	0.51	0.45
F:G ²	7.30	7.19	7.58	-	-	-	-
Initial to d 150							
ADG, lbs	3.57	3.61	3.78	0.091	0.09	0.04	0.43
S.D. ADG	0.319	0.315	0.336	0.0484	0.90	0.73	0.77
DMI, lbs	22.99	22.81	23.72	0.353	0.06	0.07	0.10
G:F	0.155	0.158	0.159	0.0024	0.24	0.11	0.62
F:G ²	6.45	6.33	6.29	-	-	-	-

¹All BW measures were shrunk 4% to account for gastrointestinal tract fill.

²Calculated as 1/G:F.