

Table 1. Growth performance responses through d 70 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 | - | - | - | - |
| Initial to d 70 | | | | | | | |
| ADG, lbs | 3.54 | 3.63 | 3.86 | 0.116 | 0.05 | 0.02 | 0.48 |
| S.D. ADG | 0.477 | 0.500 | 0.489 | 0.0668 | 0.94 | 0.85 | 0.78 |
| DMI, lbs | 21.46 | 21.49 | 22.35 | 0.307 | 0.02 | 0.01 | 0.16 |
| G:F | 0.165 | 0.169 | 0.173 | 0.0043 | 0.26 | 0.11 | 0.98 |
| F:G ² | 6.06 | 5.92 | 5.78 | - | - | - | - |

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

²Calculated as 1/G:F.