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| **Table 2. Production measurements for heifers offered a choice of feed ingredients or a mixed ration during Trial 1 (2013).** | | | |
| **Production Variable** | **Choice** | **Mixed** | **Significance** |
| Average daily intake (lb/d) | 21.7 | 21.4 | NS |
| Body weight (lb) | 1,186 | 1,188 | NS |
| Average daily gain (lb/d) | 2.6 | 2.6 | NS |
| Feed efficiency | 8.4 | 8.5 | NS |
| Cost per pound of gain ($/lb) | $1.35 | $1.32 | NS |

NS = Not significant

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| **Table 3. Variation in heifer intake offered different foods from two different pens – Trial 1 (2013).** | | | | | | | |
| **Anim. # Pen 1** | **Alfalfa Pellets (%)** | **Corn (%)** | **Haylage (%)** | **Anim. # Pen 2** | **Alfalfa Pellets (%)** | **Corn (%)** | **Haylage (%)** |
| 465 | 39.7 | 56.5 | 3.7 | 469 | 22.2 | 72.5 | 5.2 |
| 538 | 32.1 | 65.7 | 2.2 | 540 | 26.8 | 67.8 | 5.4 |
| 544 | 26.3 | 71.9 | 1.8 | 542 | 20.7 | 77.7 | 1.6 |
| 547 | 26.4 | 66.0 | 7.6 | 546 | 20.4 | 74.6 | 5.0 |
| 548 | 26.2 | 71.0 | 2.8 | 551 | 26.4 | 70.2 | 3.5 |
| 552 | 31.2 | 64.8 | 4.0 | 554 | 23.1 | 71.0 | 5.9 |
| 553 | 30.8 | 67.4 | 1.8 | 556 | 13.8 | 81.0 | 5.2 |
| 555 | 40.7 | 56.9 | 2.4 | 559 | 18.9 | 76.6 | 4.5 |
| 560 | 33.6 | 61.8 | 4.6 | 561 | 24.5 | 69.1 | 6.4 |
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| **Table 4. Carcass traits for heifers offered a choice of feed ingredients or a mixed ration in 2013.** | | | |
| **Production Variable** | **Choice** | **Mixed** | **Significance** |
| Yield grade | 2.39 | 2.50 | NS |
| Dollars paid per carcass | $1566.07 | $1532.08 | NS |
| Quality grade | 1-CA Prime  7-Prime  7-CA Choice  3-Choice | 1-CA Prime  9-Prime  5-CA Choice  3-Choice | NA |