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| **Table 5. Production measurements treatment means of heifers offered a choice of feed ingredients or a mixed ration.** |
| **Variable** | **Choice** | **Mixed** | **p-value** |
| Cost/pound of gain | $0.91 | $0.92 | NS |
| Feed efficiency (lb of feed:lb of gain) | 5.2 | 5.8 | 0.08 |
| Body weight gain (lbs) | 224 | 217 | NS |
| Average daily gain (lbs/hd/d) | 2.91 | 2.82 | NS |
| Hay Intake (lbs/hd) | 4.2 | 7.2 | < 0.001 |
| Corn intake (lbs/hd/d) | 11.9 | 10.7 | 0.022 |
| Total Intake (lbs/hd/d) | 16.1 | 17.9 | 0.028 |
| % of corn in the diet | 74.3 | 60.0 |  |

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| **Table 6. Variation in heifer intake offered different foods offered in two different pens.** |
| **Pen1** | **Chopped Alfalfa Hay (%)** | **Corn (%)** | **Pen 2** | **Chopped Alfalfa Hay (%)** | **Corn (%)** |
| 824 | 26.7% | 73.3% | 832 | 19.3% | 80.7% |
| 825 | 22.0% | 78.0% | 833 | 24.7% | 75.3% |
| 826 | 31.0% | 69.0% | 834 | 34.5% | 65.5% |
| 827 | 20.1% | 79.9% | 835 | 30.0% | 70.0% |
| 828 | 31.2% | 68.8% | 836 | 14.9% | 85.1% |
| 829 | 22.0% | 78.0% | 837 | 31.6% | 68.4% |
| 830 | 25.8% | 74.2% | 838 | 25.7% | 74.3% |
| 831 | 25.1% | 74.9% | 839 | 26.3% | 73.7% |
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