Results and Discussion

Average Daily Feed Intake

Table 2. Effect of DCAD treatment on gilt performance and diet digestibility.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Item** |  | **Control** |  | **-225** |  | **-450** |  | **PSEM** |
| ADFI (kg) |  |  3.09a |  |  2.86b |  |  2.33c |  | 0.06 |
| Weight (kg) |  | 143.44a |  | 141.69a |  | 134.15b |  | 17.37 |
| Gain (kg) |  |  4.87a |  |  4.60a |  |  2.47b |  | 0.95 |
| G:F |  |  0.22 a |  |  0.23a |  |  0.12b |  | 0.02 |
| Backfat (mm) |  |  16.94 |  |  17.30 |  |  15.71 |  | 0.72 |
| Urine pH |  |  6.63a |  |  5.56b |  |  5.81c |  | 0.04 |
| Blood pH |  |  7.40 |  |  7.32 |  |  7.32 |  | 0.04 |
| Dry matter digestibility (%) |  | 92.54 |  |  92.93 |  |  91.74 |  | 0.61 |
| Energy digestibility (%) |  | 76.98 |  |  76.46 |  |  74.35 |  | 1.39 |
| Nitrogen digestibility (%) |  | 71.89a |  |  75.76b |  |  78.32b |  | 1.00 |
| a,b,cWithin a row, means with different subscripts differ, *P* ≤ 0.05. |



Figure 1