Effects of ABC-4 and CP on growth performance and fecal DM of nursery pigs

| ABC-4 formulation approach | CP, % | d 0 to 21 (Experimental) | | | Fecal DM[1], % | |
|---|---|---|---|---|---|---|
| | | ADG, g | ADFI, g | G:F, g/kg | d 7 | d 21 |
| Low ABC-4 | 21 | 221 | 271 | 815 | 19.3 | 19.5 |
| Low ABC-4 | 18 | 176 | 259 | 679 | 19.0 | 23.0 |
| Traditional | 21 | 217 | 297 | 729 | 12.7 | 18.3 |
| Traditional | 18 | 185 | 282 | 656 | 15.0 | 18.6 |
| Traditional | 21 + ZnO | 268 | 333 | 805 | 15.9 | 17.6 |
| Traditional | 18 + AA | 203 | 272 | 745 | 18.5 | 20.9 |
| SEM | | 8.5 | 11.8 | 13.1 | 0.98 | 0.98 |
| *P*-values | | | | | | |
| ABC-4 × CP[2] | | 0.415 | 0.872 | 0.021 | 0.201 | 0.110 |
| ABC-4 | | 0.791 | 0.040 | < 0.001 | < 0.001 | 0.005 |
| CP | | < 0.001 | 0.264 | < 0.001 | 0.326 | 0.052 |
| ZnO[3] | | < 0.001 | 0.035 | < 0.001 | 0.027 | 0.617 |
| AA[4] | | 0.140 | 0.548 | < 0.001 | 0.012 | 0.109 |

[1] ABC-4 × CP × Day interaction ($P = 0.043$).

[2] Simple effect of CP in low ABC-4 and traditional diets ($P < 0.001$). Simple effect of ABC-4 in high CP diets ($P < 0.001$).

[3] Comparing 21% CP, traditional formulation strategy diet and 21% CP, traditional formulation strategy diet with zinc oxide.

[4] Comparing 18% CP, traditional formulation strategy diet and 18% CP, traditional formulation strategy diet with increased animo acids.