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Porcine in vitro degradation and fermentation characteristics of canola co-products without or with fiber-degrading enzymes

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Abbreviations: ACA, acetic acid; ADF, acid detergent fibre; AOAC, Association of Official Analytical Chemists; BTA, butyric acid; BCFA, branched-chain fatty acids; CP, crude protein; CPCC, cold-pressed canola cake; DDGS, distillers dried grains with solubles; DM, dry matter; EE, ether extract; IVDDM, in vitro digestibility of DM; NDF, neutral detergent fibre; NSP, non-starch polysaccharides; PPA, propionic acid; SBM, soybean meal; SECM, solvent-extracted canola meal; VFA, volatile fatty acids.

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Highlights

- Cold-pressed canola cake is more digestible than solvent extracted canola meal.
- Multi-enzyme supplementation can improve nutrient digestibility of solvent extracted canola meal and cold-pressed canola cake for pigs
- Magnitude of the improvement in nutrient digestibility of the two canola co-products by multi-enzyme may not depend on canola co-product type (solvent extracted canola meal vs. cold-pressed canola cake).

Abstract

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