Comparative effects of processing methods on the feeding value of maize in feedlot cattle

DOI: 10.1017/s0954422411000096
Nutrition Research Reviews, 2011, 24, 183-90.

#	Paper	IF	Citations
26	Effects of various roughage levels with whole flint corn grain on performance of finishing cattle. *Journal of Animal Science*, **2016**, 94, 339-48	0.7	15
25	Digestibility and growth performance of feedlot cattle fed pelleted grain screenings. *Canadian Journal of Animal Science*, **2016**,	0.9	1
24	Mathematical linkage of total-tract digestion of starch and neutral detergent fiber to their fecal concentrations and the effect of site of starch digestion on extent of digestion and energetic efficiency of cattle. *The Professional Animal Scientist*, **2016**, 32, 531-549		18
23	Flint corn grain processing and citrus pulp level in finishing diets for feedlot cattle. *Journal of Animal Science*, **2016**, 94, 665-77	0.7	12
22	Comparative feeding value of steam-flaked triticale as a replacement for steam-flaked corn in finishing diets for feedlot cattle. *Journal of Applied Animal Research*, **2017**, 45, 35-38	1.7	
21	Corn grain-processing method interacts with calcium salts of palm fatty acids supplementation on milk production and energy balance of early-lactation cows grazing tropical pasture. *Journal of Dairy Science*, **2017**, 100, 5343-5357	4	13
20	Predictability of growth performance in feedlot cattle using fecal near infrared spectroscopy. *Canadian Journal of Animal Science*, **2017**,	0.9	2
19	Predicting fecal nutrient concentrations and digestibilities and growth performance in feedlot cattle by near-infrared spectroscopy. *Journal of Animal Science*, **2017**, 95, 455-474	0.7	3
18	Influence of flake density and tempering on the feeding value of steam-flaked corn for feedlot cattle. *Journal of Applied Animal Research*, **2018**, 46, 155-158	1.7	4
17	Comparative effects of grain source on digestion characteristics of finishing diets for feedlot cattle: steam-flaked corn, barley, wheat, and oats. *Canadian Journal of Animal Science*, **2018**, 98, 794-800	0.9	3
16	Effects of dietary roughage neutral detergent fiber levels and flint corn processing method on growth performance, carcass characteristics, feeding behavior, and rumen morphometrics of Bos indicus cattle1. *Journal of Animal Science*, **2019**, 97, 3562-3577	0.7	1
15	Impact of flint corn processing method and dietary starch concentration on finishing performance of Nellore bulls. *Animal Feed Science and Technology*, **2019**, 251, 166-175	3	3
14	Effect of feeding barley or corn silage with dry-rolled barley, corn, or a blend of barley and corn grain on rumen fermentation, total tract digestibility, and nitrogen balance for finishing beef heifers. *Journal of Animal Science*, **2020**, 98,	0.7	4
13	Batch-to-batch variation in carbohydrates molecular structures, nutritive value and biodegradation characteristics in corn coproducts. *Animal Feed Science and Technology*, **2020**, 263, 114458	3	1
12	Use of barley or corn silage when fed with barley, corn, or a blend of barley and corn on growth performance, nutrient utilization, and carcass characteristics of finishing beef cattle. *Translational Animal Science*, **2020**, 4, 129-140	1.4	11
11	Effect of corn processing on growth performance, carcass characteristics, and plasma glucose-dependent insulinotropic polypeptide and metabolite concentrations in feedlot cattle. *Translational Animal Science*, **2020**, 4, txaa009	1.4	2
10	Effects of soybean oil or various levels of whole cottonseed on growth performance, carcass traits, and meat quality of finishing bulls. *Livestock Science*, **2020**, 232, 103934	1.7	5

9	Effect of ensiling on the feeding value of flint corn grain for feedlot beef cattle: A meta-analysis. *Revista Brasileira De Zootecnia*, **2021**, 50,	1.2	1
8	Influence of substituting steam-flaked corn for dry rolled corn on feedlot cattle growth performance when cattle are allowed either ad libitum or restricted access to the finishing diet. *Asian-Australasian Journal of Animal Sciences*, **2017**, 30, 1563-1567	2.4	1
7	Extruded Corn Meal as a Partial Replacement for Steam Flaked Corn in Finishing Diets for Feedlot Cattle: Growth Performance and Digestive Function of Feedlot Cattle. *Open Journal of Animal Sciences*, **2019**, 09, 196-206	0.5	0
6	A study on the optimal thickness of corn flakes produced by using the pressurized steam chamber. *Journal of Animal Science and Technology*, **2020**, 62, 475-484	1.6	
5	Effect of feeding dry-rolled corn or whole shelled corn during the finishing phase on growth performance and carcass characteristics. *Translational Animal Science*, **2021**, 5, txaa228	1.4	
4	In situ techniques to predict in vivo digestibility and to evaluate the impact of flint maize processing methods on degradation parameters. *Journal of Agricultural Science*, **2020**, 158, 756-766	1	1
3	Substitution of dry corn grain by rehydrated and ensiled corn grain, finely or coarsely ground, on performance of young bulls finished in feedlot. **2022**, 51,		0
2	Roughage and Dietary Influence on Liver Abscesses. **2022**, 38, 405-419		0
1	Intake, Growth and Carcass Traits of Steers Offered Grass Silage and Concentrates Based on Contrasting Cereal Grain Types Supplemented with Field Beans, Peas or Maize By-Products. **2023**, 13, 1209		0