

The effects of medium chain fatty acids in mash and pelleted diets on growth performance of broilers. Department of Grain Sciences and Industry, Kansas State University, Manhattan

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- and 12 carbons.
- can be used as replacements for antibiotic growth promoters in broiler diets. (Zantek et al. 2011)

- 41.8g BW) were used in an 18 day feeding trial
- per battery, and 5 chicks per cage.
- randomized design.



Treatment





Experimental Diets

	Control	MCFA Diets
nts, %	01.12% Lys	01.12% Lys
	60.76	60.76
meal, 46.5 %	32.50	32.50
	2.00	1.50
	0.15	0.15
	0.23	0.23
	0.08	0.08
cium P	2.10	2.10
e	1.40	1.40
	0.23	0.23
mix	0.25	0.25
icarbonate	0.20	0.20
hloride	0.10	0.10
	0.00	0.50
	100	100

Conclusions

There was no evidence for a MCFA × Feed form interaction or MCFA main effects. From d 0 to 18, broilers fed crumbled diets had

improved ADG, ADFI, FCR, and final BW.

Future research is needed to determine the optimal MCFA level and combination needed to influence broiler performance.

