

Effect of cow's milk with different PUFA n-6: n-3 ratios on performance, serum lipid profile, and blood parameters of grower gilts.

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Running head: Milk with an altered lipid profile without impair the health

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Key words: Fatty acid metabolism, health, hemogram, polyunsaturated fatty acids, supplementation, vegetable oil.

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Supplementary material

2 Table S1. Composition of the experimental diets of cows expressed on dry matter percentage

Item	Treatment ^a		
	CC	SO	LO
<i>Ingredients, %</i>			
Ground corn	30.5	28	28
Soybean meal	17	17	17
Soybean oil	-	2.5	-
Linseed oil	-	-	2.5
Urea	0.5	0.5	0.5
Limestone	0.3	0.3	0.3
Dicalcium phosphate	0.15	0.15	0.15
Salt	0.5	0.5	0.5
Mineral complex ^b	1.05	1.05	1.05
Corn silage	50	50	50
<i>Chemical Composition, %</i>			
Dry matter	92.01	92.61	91.68
Mineral matter	3.38	3.19	3.18
Crude protein	16.64	16.15	16.24
Neutral detergent fiber	29.97	29.48	29.42
Acid detergent fiber	18.73	18.14	17.99
Ether extract	3.49	5.67	5.78
Lignin	3.91	3.56	3.61
Total carbohydrate	75.95	74.01	74.18
Non-fiber carbohydrate	45.99	44.53	44.76
Total digestible nutrients	66.77	69.31	69.46

3 ^aCC = Control; SO = Soybean Oil; LO = Linseed Oil.4 ^b Composition per kilogram of product: Sulfur (S) 80g, Magnesium (Mg) 20g, Potassium (K),

5 20g, Manganese (Mn) 1000mg, Zinc (Zn) 2500 mg, Copper (Cu) 1500 mg, Cobalt (Co) 100mg,

6 Iodine (I) 80 mg, Selenium (Se) 20 mg, Calcium (Ca) 180g, Phosphorus (P) 90 g, Fluor (F)

7 300mg.