

Effect of Beet Molasses as A Source of Energy on Performance of Broiler Chickens

Publons ID	37708114
Wos ID	WOS:000519990700041
Doi	10.1088/1755-1315/372/1/012041
Title	Effect of Beet Molasses as A Source of Energy on Performance of Broiler Chickens
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Publish Date	2019
Journal Name	1ST ANIMAL SCIENCE AND FOOD TECHNOLOGY CONFERENCE (ANSTC) 2019
Citation	
Abstract	<p>Molasses can be a source of quick energy and an excellent source of minerals for farm animals and even chickens. Molasses can also be a key ingredient for cost effective management of feeds. The purpose of this research was to study the impact of adding different levels of sugar beet molasses to feed on performance of broilers chickens. Used 112 of commercial broiler (Ross 308) 1-day-old chicks were weighed in gram live weight ranged between 50-57g and subsequently placed in the treatment groups in such a way that the mean weights differed as little as possible, chicks divided into four groups replicates of 7 chicks each and reared on deep litter in open housing system. Four replicates were designed to each dietary treatment. at 15-days-old chicks, the unsexed broiler chickens were randomly allotted to four groups of 7 birds each. The four diets consisted of Group (A) as a control diet containing no Molasses, Group (B) was 5 %, Group (C) 7.5 % and Group (D)10%. Feed and water were provided ad libitum. There were no significant differences at all level ($P>0.05$) of adding beet molasses as source of energy among four experimental groups for the parameter studied: body weight, body weight gain, feed intake and feed conversion, also there is no mortality however, Use of beet molasses in broiler diets reduced feed cost and feeding of 7.5 % beet molasses decreased cost of feed per kg versus control and increase profitability.</p>
Publish Type	Book in series
Publish Year	2019
Page Begin	(not set)
Page End	(not set)
Issn	1755-1307
Eissn	
Url	https://www.webofscience.com/wos/woscc/full-record/WOS:000519990700041
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