

Partial and total substitution of maize by sorghum in growing rabbit diets

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This work was made to determine the effect of substituting maize by 0 p. 100, 25 p. 100, 75 p. 100 and 100 p. 100 of sorghum in the rations of growing rabbits, the basal diet containing 56 p. 100 maize (*Zea mays*).

Thirty Californian rabbits were weaned at 30 days of age and used in the experiment. The treatments were:

<i>Treatment</i>	<i>p. 100 of sorghum</i>	<i>p. 100 of maize</i>
A	0	100
B	25	75
C	50	50
D	75	25
E	100	0

The statistical scheme was a 2×5 factorial design (sex \times diet) in casualised blocks with three replications.

The results led to the following conclusions:

- the replacement of maize by sorghum did not affect the growth rate, feed intake and feed conversion ratio;
- although no significance was observed, the replacement of 75 p. 100 maize by sorghum was a little better than the replacement of 25, 50 and 100 p. 100.