

Layer Feeds	% Reduction in cost of feeding layers when offered formulated feeds compared to commercial layers feed
Maize/sorghum-based formulated layer ration has 29% maize, 25% sorghum, 5% wheat bran, 20% soya bean meal & other ingredients*	42.8
Commercial layers feed	-
*Other ingredients are: 5% sunflower seed cake, 5% shrimp meal, 1% dicalcium phosphate, 9% limestone, 0.35% iodized salt, 0.25% vitamin/mineral premix (for layers), 0.05% DL-methionine, 0.10% L-Lysine HCl, and 0.25% toxin binder.	

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*Design and layout by Emma. Nyaola*

**KALRO/NAVCDP/ IC/  
Brochure No.064/2024**



## REDUCTION OF COST OF FEEDING QUALITY FEED RATIONS





*Laying hen feeding on affordable, high quality feed ration*

## Introduction

- In Kenya, indigenous chicken are the majority birds in the poultry population. The demand for indigenous chickens is rising due to urbanization and human population increase.
- Optimum feeding and nutrition contributes to fast growth rates and high egg production between (220 and 280 eggs/hen/year) in improved indigenous chickens.
- In chicken production, about 70% of the total costs are associated with the provision of feeds and hence the objective of any farmer is to reduce the cost of feeds to achieve profits.
- Both tables show the percent reduction in cost of feeding growers and layers when affordable and high quality formulated feeds, compared to purchased/commercial alternatives, are offered to improved indigenous chickens.

### Percent Reduction in Cost of Feeding Indigenous Chicken growers (8-19 wks of age)

Grower Feeds	% Reduction in cost of feeding growers when offered formulated rations compared to commercial growers feed
Maize-based formulated grower ration has 70% maize, 3% sunflower seed cake and other ingredients*	33.1
Maize/maize germ-based formulated grower ration has 50% maize, 20% maize germ, 1% wheat bran, 2% sunflower seed cake and other ingredients*	30.7
Sorghum-based formulated grower ration has 60% sorghum, 6% maize, 4% wheat bran, 3% sunflower seed cake and other ingredients*	26.5
Sorghum/maize germ-based formulated grower ration has 50% sorghum, 20% maize germ, 1% wheat bran, 2% sunflower seed cake and other ingredients*	23.3
Maize/sorghum-based formulated grower ration has 35% maize, 30% sorghum, 5% wheat bran, 3% sunflower seed cake and other ingredients*	25.5
Commercial growers feed	-

\*Other Ingredients are: 15% soya bean meal, 5% shrimp meal, 1% dicalcium phosphate, 5% limestone, 0.35% iodized salt, 0.25% vitamin/mineral premix (for growers), 0.05% DL-methionine, 0.10% L-Lysine HCl, 0.006% coccidiostat and 0.244% toxin binder.

### Percent Reduction in Cost of Feeding Indigenous Chicken layers (19-68 wks of age)

Layer Feeds	% Reduction in cost of feeding layers when offered formulated feeds compared to commercial layers feed
Maize-based formulated layer ration has 59% maize, 20% soya bean meal and other ingredients*	42.4
Maize/maize germ-based formulated layer ration has 39% maize, 20% maize germ, 5% wheat bran, 15% soya bean meal and other ingredients*	45.1
Sorghum-based formulated layer ration has 50% sorghum, 9% wheat bran, 20% soya bean meal and other ingredients*	46.6
Sorghum/maize germ-based formulated layer ration has 39% sorghum, 20% maize germ, 5% wheat bran, 15% soya bean meal and other ingredients*	44.2