



PROUD PRODUCERS OF **ORYKTA™**

**PMMR  
CHICKEN – BROILERS TEST REPORT #3  
TAIPING, MALAYSIA**

OCTOBER 1999

## OBJECTIVES OF TESTING

1. To find out the effectiveness of mixing **Orykta™** with local commercial feed on broiling chickens.
2. To test the chickens' resistance to illness after mixing **Orykta™** in their daily feed.
3. To find out the growth rate of the broiling chickens with **Orykta™**.

## BACKGROUND DATA

Venue: Chicken Farm at Sg. Raun, Raub, Pahang.  
Period of Testing: 6<sup>th</sup> of September to 6<sup>th</sup> of October 1999  
# of Chickens Tested: 20,000  
Way of Rearing Chickens: Chickens are free to move about in an enclosed area.

This test took place at a chicken farm at Sg. Raun near Raub, Pahang. A farmer with more than 5 years experience in rearing chicken broilers owns the farm.

The whole farm has approximately fifty (50) chicken pens where chickens are allowed to roam about within the enclosed area of the pen. Each chicken pen has about 4,000 chickens of the same age. The age of the chickens in different pens varies from one week to 4 month old chickens.

Normally, roosters (broilers) will be sold to the market after 2½ months with a weight of 2.5 kg. As far as hens are concerned they are sold to the market after 4 months old and with a weight of 3 kg. It is normal for mother hens to form slower than roosters. The selling price in the market for these chickens is about RM 4.00 per kg. And they are purchased for their meat which is tastier.

## METHOD OF FEEDING

1. 2% OF **Orykta™** is added to the commercial chicken feed produced by Gold Coil Berhad.
2. The feed is put into a specially built trough on one side of the chicken pen. An automatic water system is also built into the pen. The chickens eat the feed whenever they are hungry.

## RESULTS

1. The mortality rate of the chickens has been reduced tremendously from 40 down to 5-8 per day. This is a decrease of about 80%.
2. The chickens have less flu, hence displaying the increase in resistance towards illness and disease.
3. There is an overall decrease in feed. This is a saving for the farmer.
4. The feather texture has improved and there is a stronger wing structure.
5. The chicken has more meat than fat and has thicker legs.

## CONCLUSION

The test as performed has shown consistency in the use of **Orykta™** as compared to earlier test reports carried out in Taiping.

It is also confirmed the results as reported in PMMR's report on the benefits of **Orykta™** to livestock.

We are now proceeding to feed **Orykta™** to chicken layers to determine the following:

- a) If the chicken layers produce eggs with thicker shells when fed **Orykta™**. This would save the farmers a lot of money. In the USA alone the saving is USD 70.0 millions a year when the shells do not break easily.
- b) If the hatching rate of eggs increased.

The results from later testing positively confirm each of the above questions.

Taiping, Malaysia  
1999

