

# ECONOMY LAYER PREMIX



The Lienert Australia Economy Layer Premix is designed to aid in the prevention of vitamin and mineral deficiencies of laying hens in back-yard and non commercial situations. It is a high quality, balanced vitamin and trace mineral premix.

## KEY FEATURES OF THIS PREMIX:

**VITAMIN A:** Is essential for a number of critical functions including disease resistance and reproduction. Deficiencies may lead to poor growth rates and susceptibility to infection.

**VITAMIN D3:** Is required for calcium absorption. Vitamin D is essential for eggshell quality and bone development.

**VITAMIN B GROUP:** Are essential components of enzymes which breakdown carbohydrates, proteins and fat. Deficiencies include depressed appetite, growth rates and egg production

**VITAMIN E and SELENIUM:** These are both essential nutrients as they act as antioxidants, therefore protecting the cells from oxidative breakdown.

**COPPER:** This trace mineral is required for a large number of reasons, including enzyme function, bone formation and reproduction. Deficiencies may lead to anaemia, abnormal eggs and decreased egg production.

**MANGANESE:** Is associated with both fat and protein synthesis through its involvement with a number of enzyme systems. Deficiencies may result in bone growth abnormalities, reduced egg production and thin shelled eggs being produced.

**ZINC:** Zinc has an extensive number of functions. It is critical for the functioning of many hormones and enzymes as well as being essential to the integrity of the immune system. Deficiencies may result in poor feathering, reduced growth rates and decreased egg production.

**ANTIOXIDANT:** A high level of Antioxidant has been included to protect the Vitamins from oxidation in the Premix and final feed.

## LEADERS IN LIVESTOCK NUTRITION

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## INCLUSION RATE:

Bird Type	Use Rate
Layers	1.0 Kg/tonne

## ACTIVE CONSTITUENTS:

Each 1Kg Contains:

NUTRIENT	INC	UNITS
Vitamin A	8.0	MIU
Vitamin D	2.0	MIU
Vitamin E	15.0	g
Vitamin K	2.0	g
Vitamin B1	1.0	g
Vitamin B2	4.0	g
Vitamin B6	3.0	g
Vitamin B12	10.0	mg
Niacin	20.0	g
Pantothenic Acid	5.0	g
Biotin	50.0	mg
Folic Acid	0.5	g
Manganese	80.0	g
Zinc	50.0	g
Iron	40.0	g
Cobalt	0.2	g
Copper	5.0	g
Iodine	0.5	g
Selenium	0.15	g
Antioxidant	20.0	g

*This Premix does not contain Choline. Choline Chloride 60% should be added to the diet at a rate of 1kg/tonne unless otherwise specified in the diet formula.*

*This Premix does not contain a coccidiostat.*

## Packaging

Economy Layer Premix is available in a 20kg bag.

## Storage

Store in a cool, dry place. For maximum storage stability of product, reseal bags after use.

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