

## **DAIRY HI-YIELD**<sup>™</sup>

## VITAMIN, MINERAL SUPPLEMENT AND BUFFERS FOR HIGH MILK PRODUCING DAIRY COWS, GOATS AND SHEEP.

Please note feed additives maybe added (conditions apply) including Flaveco, Moneco, ProN8ure, Toxibind, Tyleco. See separate datasheets for details.

**PRESENTATION:** Pale grey-brown free flowing powder.

**ACTIVE CONSTITUENTS:** Each 50 g dose contains:

|                        |             | NRC <sup>#</sup> |           |         | NRC <sup>#</sup> |
|------------------------|-------------|------------------|-----------|---------|------------------|
| VITAMIN A              | 52,000 I.U. | 100 %            | COPPER    | 160 mg  | 100 %            |
| VITAMIN D <sub>3</sub> | 4,000 I.U.  | 25 %             | IRON      | 200 mg  | 25 %             |
| VITAMIN E              | 120 I.U.    | 50 %             | MANGANESE | 320 mg  | 55 %             |
| IODINE                 | 3.2 mg      | 35 %             | ZINC      | 1000 mg | 100 %            |
| SELENIUM               | 5 mg        | 100 %            | MAGNESIUM | 8 g     | 25 %             |
| COBALT                 | 10 mg       | 100 %            | SODIUM    | 8 g     | 25 %             |

TOTAL BUFFERS## 45 g (as magnesium oxide & sodium bicarbonate).

(These levels of active constituents are minimal levels).

# Percentage of the National Research Council (NRC) 1989 requirements for a 500 kg dairy cow producing greater than 25 L of milk per day. ## a 50 g dose provides 100 % of the buffer requirements when feeding up to 6 kg of grain/day. Consult International Animal Health or a nutritionist for further advice on buffer requirements.

**PROPERTIES:** KEYMIX<sup>®</sup> DAIRY HI-YIELD<sup>™</sup> is nutritionally formulated to counteract the drain of all essential vitamins and trace-minerals (including magnesium) in animals at full lactation, blended with rumen buffers for high milk producing dairy cows, goats and sheep.

Vitamins and trace-minerals are especially required by high producing cows and nannies to ensure a balanced feed nutrient value, maintain health and vitality and optimise performance. Deficiency symptoms are usually in the form of sub-optimal production, reduced fertility and herd health problems. Rumen digestive buffers when used in ruminants assist in chemical maintenance of a balanced pH in the animal's digestive system. The addition of feed buffers can prevent dramatic changes of pH in the rumen, thereby stabilising the microbial population and its functions and ensuring optimum digestion and utilisation of feed. The maintenance of proper ruminal function ensures efficient conversion of feed to energy, quality protein and fat for high milk yield and long-term production.

GOATS & SHEEP: 5 g/head/day

**DOSE AND ADMINISTRATION:** Mix **DAIRY HI-YIELD**<sup>™</sup> at a rate as shown in the following table:

COWS: 50 g/head/day

**DAIRY HI-YIELD**<sup>™</sup> may be fed continuously before and during lactation.

WITHHOLDING PERIODS: MEAT - NIL, MILK - NIL.

TRADE ADVICE: EXPORT SLAUGHTER INTERVAL (ESI): ESI not required.

POISONS SCHEDULE: S6 (due to the inclusion of selenium).

**REGULATORY STATUS:** EXEMPT.

**PACK SIZE:** 25 kg (contains 500 x 50 g cow doses or 5,000 x 5 g goat/sheep doses).

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