

HERDCARE

HerdCare from United Feeds is a unique package, designed to optimise herd health and performance using the latest advancements in nutritional technology.

HerdCare is a trace mineral pack with copper, zinc, manganese and selenium, used exclusively in Bioplex® and Sel-Plex® form. This means that they are delivered in a form that closely resembles that found naturally in forages and feed ingredients. By removing all inorganic sources, trace minerals can be absorbed more efficiently by the animal and are more bioavailable at target tissues. All Bioplex minerals in the HerdCare package are part of the Alltech Q+™ (Quality plus) programme, where all batches of mineral sources and final products are tested for dioxins, PCBs and heavy metals prior to sale.

Alltech® FORMULATED WITH ALLTECH™
SOLUTIONS


United Feeds
ENGRAINED IN YOUR SUCCESS

Assess

**Our trusted advisors
evaluate your production
challenges and goals**

Action

**Together we create a feed
programme for you to apply**

Achieve

**Your herd excels,
ensuring your future**

For further information
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Adviser
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United Feeds
ENGRAINED IN YOUR SUCCESS

HerdCare

The complete organic mineral
supplement for your herd

TRACE MINERALS AND HERD HEALTH

Trace elements, although only needed in small quantities, can have a major impact on animal health:

Infertility: Copper, Selenium, Manganese

Mastitis: Zinc, Selenium

Lameness: Zinc

Immunity: Copper, Manganese

Dairy rations are often deficient in these elements. So how do we supply the best minerals to meet these requirements?

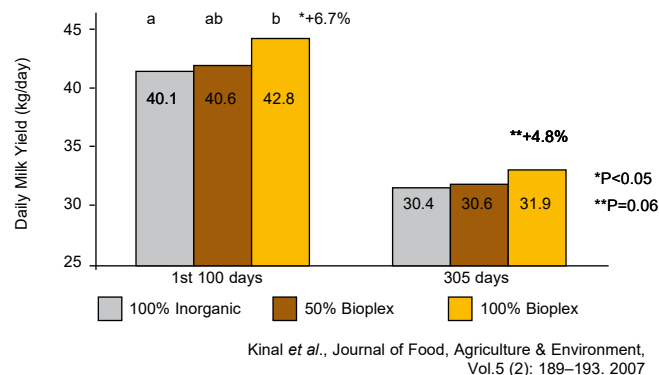
Historically, using inorganic minerals has been the only option for supplementing dairy cows with trace elements. These are cheaper mineral sources that science clearly demonstrates are poorly utilised by dairy cows, with most of the trace element excreted in the urine or dung. Furthermore, trace mineral deficiencies can be made worse by interactions between inorganic trace minerals. Organic minerals are designed to ensure that as much of the mineral as possible gets to the site of absorption, which is the dairy cow's small intestine. There are, however, significant differences within organic trace minerals. The key difference is their stability and resulting bioavailability. By using Bioplex® and Sel-Plex® organic minerals from Alltech, available in United Feeds HerdCare and Super Supplement mineral packages, the challenge of supplying a stable, highly available mineral that meets the dairy cow's needs can be overcome.



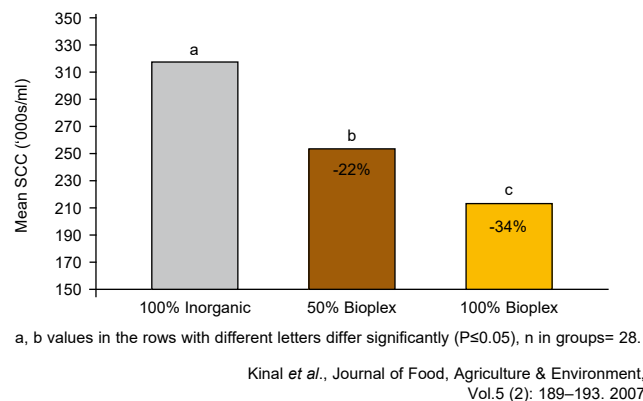
Benefits of Bioplex and Sel-Plex minerals compared with other organic and inorganic trace minerals:

- Enhanced bioavailability — better uptake by the animal
- Lower trace mineral excretion
- Increased levels within animal tissue
- Lower inclusion levels without reducing performance
- Contributes to better reproductive performance
- Helps maintain a healthy immune system
- Lowers somatic cell count
- Supports udder health
- Contributes to milk yield

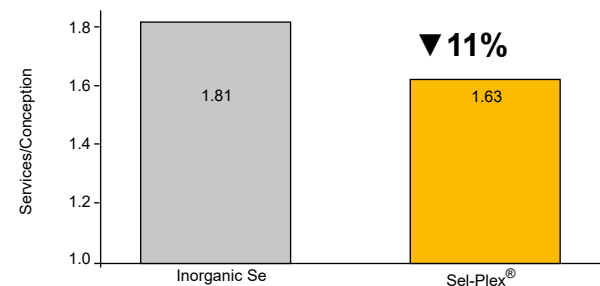
MILK YIELD (KG/DAY)



EFFECT OF SELENIUM SOURCE ON SOMATIC CELL COUNT

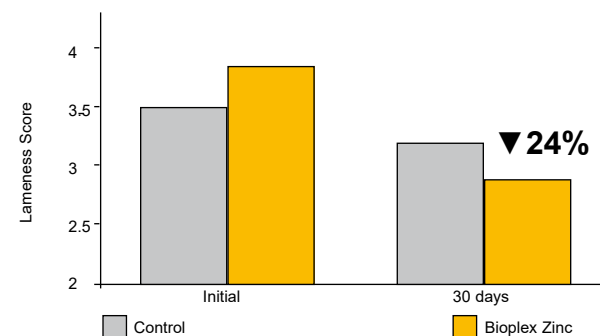


EFFECT OF SEL-PLEX ON SERVICES PER CONCEPTION



Agovino, 2011

IMPACT OF BIOPLEX ON HOOF HARDNESS



Harris & Elliot; 1995
Lameness measured on scale of 1-9, where 1 = sound & 9 = can no longer walk

Proviox™

Proviox is rich in compounds with strong antioxidative properties, designed to counteract free radicals and reduce oxidative stress. It has been developed to complement vitamin E in two ways; taking off oxidative pressure and also regenerating the vitamin E supplied, meaning you get more mileage from your vitamin.