



**5%
MORE ENERGY**
FROM THE SAME AMOUNT OF FEED

Monotec



Monotec

Monotec boosts production efficiency through selective growth of beneficial rumen bacteria to produce more energy from the same amount of feed consumed.



Better feed conversion efficiency

More milk and improved cow health

Reduce waste gases produced in the rumen

Boost production efficiency

5%
MORE ENERGY

Monotec increases the energy availability from feed eaten by 5%. This extra energy improves cow health and body condition, and leads to more milk in the vat.



Reduce ketosis

Ketosis is a state of negative energy balance which occurs after calving, when energy demand (due to milk production) is higher than energy intake from feed.

Monotec increases the amount of energy available from the same amount of feed. This reduces the negative energy balance, and ketosis.¹

Subclinical ketosis is associated with an increased prevalence of endometritis by **16%** and lower in-calf rates by a staggering **7%**.²

18%

**REDUCTION
IN KETOSIS**

Boost milk production

As Monotec beneficially changes the rumen bacterial population it results in greater energy production, which leads to increased milk production.

Extensive data from world-wide studies including pasture fed cows in NZ and Australia have shown that monensin increases milk production by 2%.³



2%

**HIGHER MILK
PRODUCTION**

1. Compton CWR et al. Efficacy of controlled-release capsules containing monensin for the prevention of subclinical ketosis in pasture-fed dairy cows. NZVJ 63:5 249-253, 2015

2. Compton CWR, Young L, McDougall S. Subclinical ketosis in post-partum dairy cows fed a predominantly pasture-based diet: defining cut-points for diagnosis using concentrations of beta-hydroxybutyrate in blood and determining prevalence. NZVJ 2015

3. Duffield TF et al. A Meta-Analysis of the Impact of Monensin in Lactating Dairy Cattle. Part 2. Production Effects. Journal of Dairy Science 91 1347-1360, 2008

Better BCS

Monotec improves body condition score (BCS) and liveweight due to the increased energy supply from the same amount of feed.

Global studies have shown weight gain in cows receiving monensin, of 0.06kg per day.³



**HIGHER
LIVEWEIGHT**

Bloat reduction

Monotec helps with selective growth of more energy efficient microbes in the rumen.

This results in:

- Reduced risk of bloat
- Less waste gas produced

Bloat reduction is maintained for longer with Monotec compared to bloat oils.

Monotec 200 premix

Add to dairy feed mixed
on-farm or at feedmill

150g per 100 cows daily



10:1



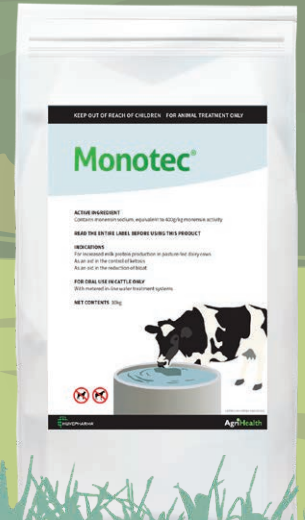
Monotec

Water dispersible powder
designed to administer through
stock drinking water

75g per 100 cows daily



3.5 : 1



The Monotec difference

Agri⁴Health

Developed by NZ's leading animal health business



Dedicated to NZ

Nationwide team to help improve NZ herd productivity



Proven quality

European product quality and assurance



Early & mid lactation

- Higher milk production
- Reduce ketosis
- Minimise body condition loss
- Better bloat prevention

Late lactation

- Higher milk production
- Improve body condition score



Available from your Vet



Evidence based vet medicines

www.agrihealth.co.nz

Agri⁴Health