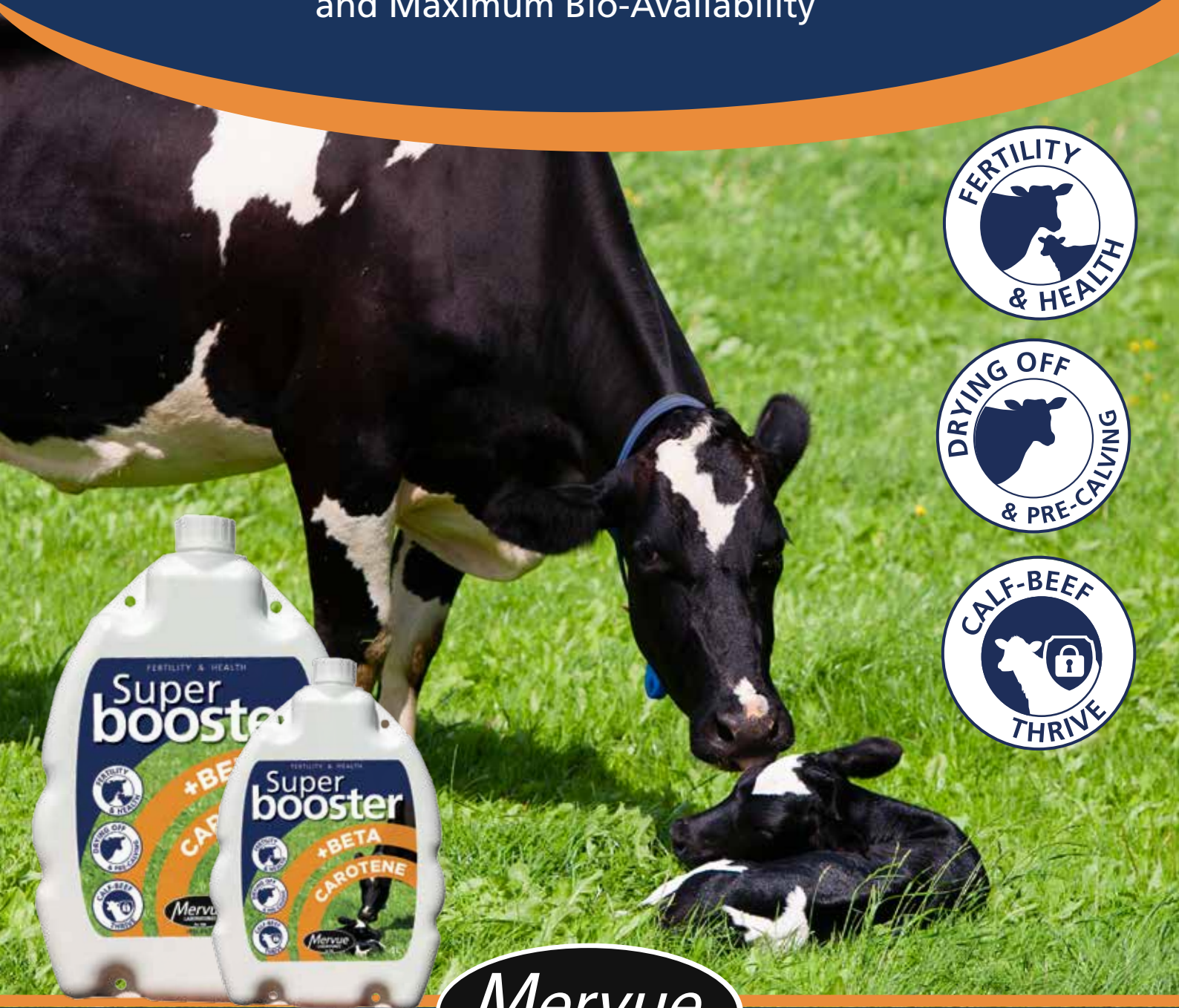
Super booster

Support for Health, Fertility
and Maximum Bio-Availability



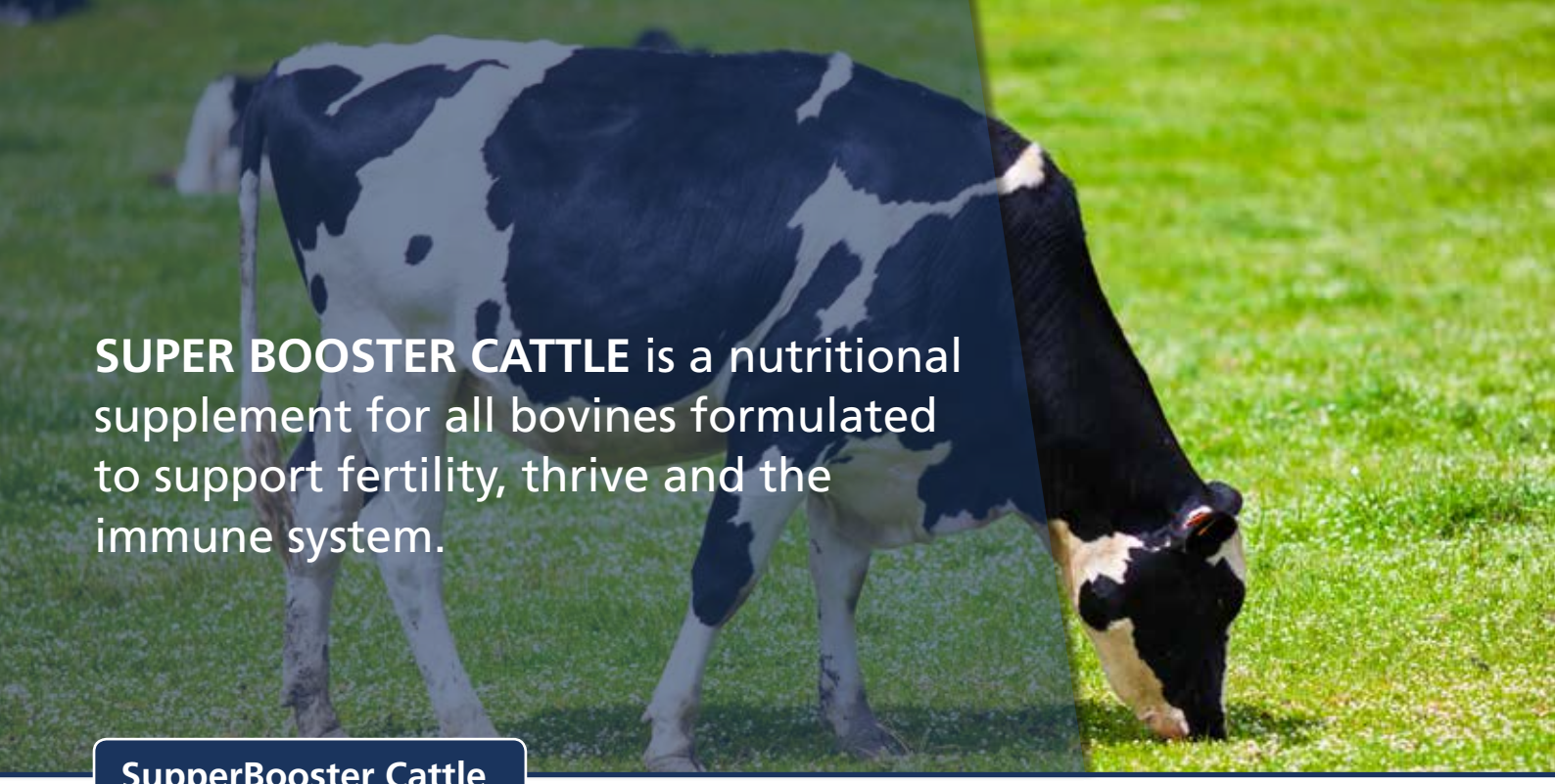
FERTILITY & HEALTH

DRYING OFF & PRE-CALVING

CALF-BEEF THRIVE

Mervue LABORATORIES
Est. 1986
IRELAND

Feed Safety GMP+ Assurance



SUPER BOOSTER CATTLE is a nutritional supplement for all bovines formulated to support fertility, thrive and the immune system.

SupperBooster Cattle

1. What is SUPER BOOSTER CATTLE?

SUPER BOOSTER CATTLE is a nutritional supplement that has been formulated for all bovines by Mervue Laboratories to support fertility, thrive and optimise the immune system.

2. What does SUPER BOOSTER CATTLE support?

SUPER BOOSTER FORMULATED TO SUPPORT:

- ✓ Fertility
- ✓ Immunity
- ✓ Thrive – growth rate
- ✓ Colostrum quality
- ✓ Recovery following disease challenges

3. When should we give SUPER BOOSTER to cows ?

- Drying off - support immune system
- Before calving – boost immune system and colostrum quality
- At breeding synchronisation or flushing
- At insemination
- After veterinary treatment
- Worming or vaccination

4. When should we give SUPER BOOSTER to cattle?

- Tonic for calves
- At weaning
- Times of stress, mixing, housing or transport, de-horning, castration
- Support growth in growing cattle
- After veterinary treatment
- Worming or vaccination

5. What is the purpose of Beta Carotene, Vitamins A, E and C?

These vitamins have an essential role as Antioxidants. Antioxidants play an important role in fighting infection, function of antibodies, the animal's ability to deal with stress and metabolism.

6. What trace elements does SUPERBOOSTER CATTLE contains?

SUPERBOOSTER CATTLE contains Iodine and Selenium. Copper, Zinc, Manganese and Iron are added as chelates. Chelated amino acid mineral complexes have a greater bioavailability in cattle than salts or other inorganic forms.

- **Chelated Copper**- Part of peroxidase enzymes. These peroxidase are important for protection of cells against oxidant stress.
- **Chelated Zinc**- Important role in metabolism growth and immunity.
- **Chelated Iron**- Involved in oxygen transport: haemoglobin and myoglobin.
- **Chelated Manganese**- A component of many enzymes required for normal formation and bone development.

7. What is the purpose of Beta Carotene in SUPER BOOSTER CATTLE?

Research shows that supplementing beta carotene improves fertility and supports embryo quality resulting in stronger heat behaviour and reproductive efficiency. Beta carotene raises progesterone levels, which in turn supports the reduction of embryo mortality rates.

8. How is SUPER BOOSTER CATTLE administered?

SUPER BOOSTER CATTLE is normally fed orally through a drenching gun.

ACTIVE INGREDIENTS:

Beta- carotene

Beta-carotene is an important vitamin for livestock and preserved forages can have very low levels. Beta-carotene gives colostrum its rich yellow colour and is important vitamin for calves. Young calves with low levels of beta-carotene have impaired immunity, increased risk of infections and higher mortality. Supplementing the cow before calving can improve the beta-carotene of the colostrum and hence the supply to the calf.

For cows Beta-carotene is associated with fertility. High levels of beta-carotene are found in the ovaries.Research demonstrates that supplementing beta-carotene to cows can improve the quality of follicles, production of progesterone and reduce embryo mortality.

B vitamins

Super Booster Cattle contains a full complement of B vitamins. In animals that have reduced appetite, metabolic diseases, infections or is mobilising body condition, requirements for these b-vitamins are significantly increased.

The purpose of B vitamins in Super Booster Cattle include:

- To "top-up" the endogenous supply provided by the rumen microflora
- Stimulating the growth and proliferation of rumen microflora especially cellulolytic bacteria
- Supporting liver function particularly glucogenesis
- stimulate the appetite and recovery after calving or illness.

Code: 1 litre 9096, 2.5 Litre 9181 5 Litre 9187

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CALF-BEEF THRIVE

FEEDING INSTRUCTIONS:

Cows - 60ml at drying off and service.
60mls 7 to 10 days precalving and 1 to 3 days post calving.
Return to service: 60mls 2 drenches 3 to 4 weeks apart.
Embryo transfer: 60ml 3 to 4 weeks prior to flushing.
Cattle: 5mls per 50kgs bodyweight

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