

PROVILAN PROBIOTIC WOUND CARE CASE STUDY



INGENIOUS PROBIOTICS

**PROBIOTIC DERMO CARE SPRAY REDUCES WOUND HEALING
IN A DAIRY COW FROM 14 TO 8 DAYS - WITH NO
DISINFECTANTS OR ANTIBIOTICS**

Astonishing Results In Farms



Before → During → After 8 Days

Key Benefits

- ✓ Inhibits bacteria that cause infections.
- ✓ Helps reduce antibiotic use.
- ✓ Does not create antimicrobial resistance.
- ✓ Helps reduce time out of food chain.
- ✓ Plant-based, vegan and safe.

Clinical Problem

A dairy cow presented with a 15cm wound near her udder, which would typically require disinfectants and a 14-day course of antibiotics for healing. This approach not only lengthens recovery time but also temporarily removes the cow from milk production due to antibiotic residues, causing a financial burden for the farmer. The attending veterinarian proposed an alternative: treating the wound solely with Provilan Probiotic Dermo Care Spray (previously called Wound Care) avoiding antibiotics entirely.

Treatment Protocol with Probiotic Products

1. Wound was cleaned with warm water before applying Provilan Dermo Care Spray twice daily.
2. Disinfectants were avoided to preserve the microbiome and maximise the probiotics' efficacy.
3. Application frequency was reduced to once daily as the wound showed visible signs of healing.
4. Hygienic conditions were maintained throughout the treatment process to prevent further contamination.

Provilan Dermo Care Spray contains live microorganisms (probiotic bacteria sourced from plants). The probiotics work via bio-augmentation. They simply outcompete pathogenic bacteria, restoring a healthy microbial balance in the wound and enhancing natural defences.

Results and Observations

- **Healing Time Reduced:** The wound healed fully within 8 days, compared to the expected 14 days with antibiotics.
- **Animal Welfare Improved:** The cow recovered more quickly, experiencing less discomfort.
- **No Antibiotics Required:** Milk remained suitable for human consumption, eliminating the need for withdrawal periods of up to 10 weeks for organic milk.
- **Cost Savings:** The farmer avoided extended periods of lost milk production, maximising profitability.
- **No Adverse Reactions:** Probiotic therapy was well-tolerated, with no side effects observed.



NOTE: Provilan probiotic products are not medicines or medical devices.

**Provilan Probiotic
Dermo Care**



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