The Real Green Special
Intra Hoof-fit Gel: Skin regeneration power

The skin is the body's largest organ with essential functions. It acts as a physical barrier against pathogens (such as bacteria and viruses), harmful UV radiation and chemicals. Furthermore, through sweat production and blood vessel activity, the skin helps to keep body temperature constant. It also prevents excessive water loss from the body.

The skin has a remarkable regenerative capacity. When damaged, the skin can produce new cells to repair tissues. In humans, healing under a bandage is the current standard because it promotes re-epithelialization and prevents scarring, but requires a sterile wound bed.

On many dairy farms, this is not feasible because the floor is not sterile, but rather contaminated and pathogens are present. To promote optimal healing, damaged hoof skin needs a supportive environment that encourages regeneration, protects against bacterial invasion, and aids in healthy crust formation.

Most products on the market, such as antibiotics, salicylic acid, and iodine, only have an antibacterial function, while regenerative capacities for the skin are also required. Intra Hoof-fit Gel, powered by Intra Hoof-fit Technology, delivers this dual action. This Intra Hoof-fit Technology comprises organic chelated minerals: zinc and copper. The chelated structure enables the minerals to penetrate deep into the skin tissue, where copper effectively eliminates deeply-hidden pathogens and zinc can implement its skin regenerative capacities.

While laboratory tests using human skin cells scratched with a pipette tip demonstrate the ineffectiveness of salicylic acid and antibiotics in promoting wound closure, Intra Hoof-fit Gel repairs the skin cells within 24 hours (**figure 1**)

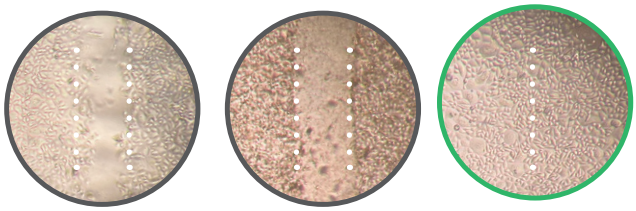

Figure 1. Skin regeneration evaluated after 24 hours.

Intra Hoof-fit Gel offers a claw care solution that outperforms traditional options with its dual action. Finally, applying Intra Hoof-fit Tape or Intra Eco-Tape can further ensure the hooves remain protected for up to 3 days.