



# Nasalgen<sup>3</sup>

The color of longer-lasting IBR protection.

## The unrivaled 3-way intranasal BRD vaccine.

NASALGEN<sup>3</sup> is a three-way intranasal vaccine that protects beef and dairy cattle against viruses commonly associated with pneumonia caused by:

- Bovine respiratory syncytial virus (BRSV)
- Infectious bovine rhinotracheitis (IBR)
- Parainfluenza 3 (PI<sub>3</sub>)

## Easy to administer.

- Single 2 mL dose in one nostril

## Unique blue shadow for confident administration.

- Avoid missing calves or double-dosing

## No injection site reactions.

- Helps your operation meet Beef Quality Assurance standards

## Duration of Immunity (DOI).

- 11 weeks: BRSV
- Six and a half months: IBR
- Three months: PI<sub>3</sub>

## Mounts strong, early response for powerful, long-lasting protection.

- Mimics natural exposure to the most common causes of pneumonia for an effective immune response

## Protection no matter the temperature.

- Designed with an IBR that is not temperature-sensitive, ensuring the vaccine will replicate and protect in any situation<sup>1</sup>
- Proven safe in pregnant cows and in calves nursing pregnant cows, building a strong foundation for disease protection



<sup>1</sup>Grissett GP, et al. Effect of Ambient Temperature on Viral Replication and Serum Antibody Titers Following Administration of a Commercial Intranasal Modified-Live Infectious Bovine Rhinotracheitis-Parainfluenza-3 Virus Vaccine to Beef Cattle Housed in High- and Moderate-Ambient Temperature Environments. *Am J Vet Res.* 2014;75(12):1076-1082.