

Bovilis® INtranasal RSP™ Live Vaccination Protocols

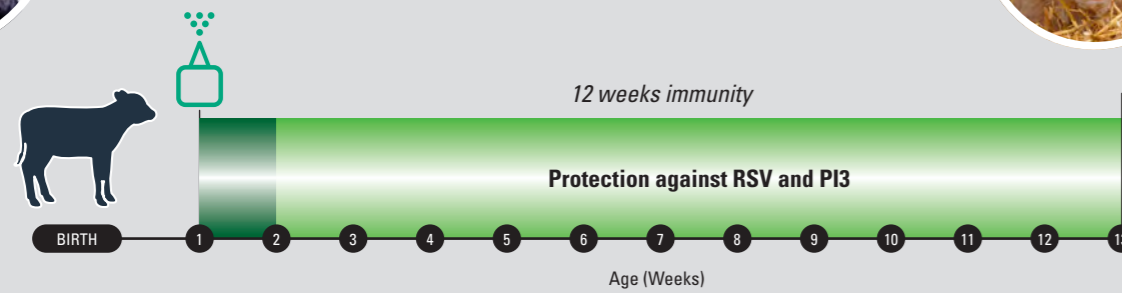
BOVILIS INtranasal RSP™ Live

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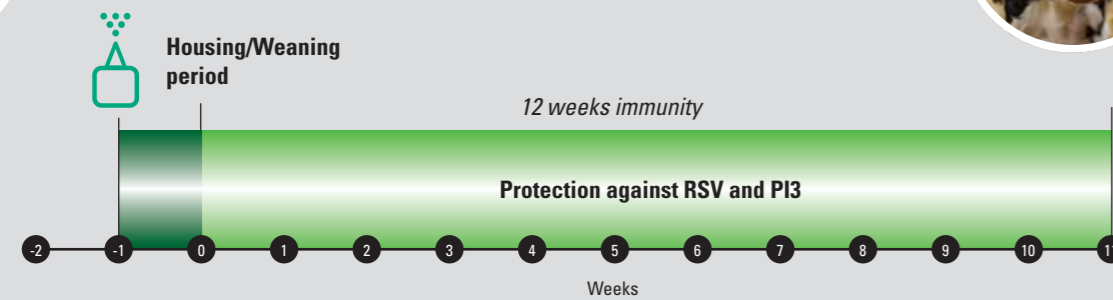
A NEW VACCINE
WITH A UNIQUE EDGE



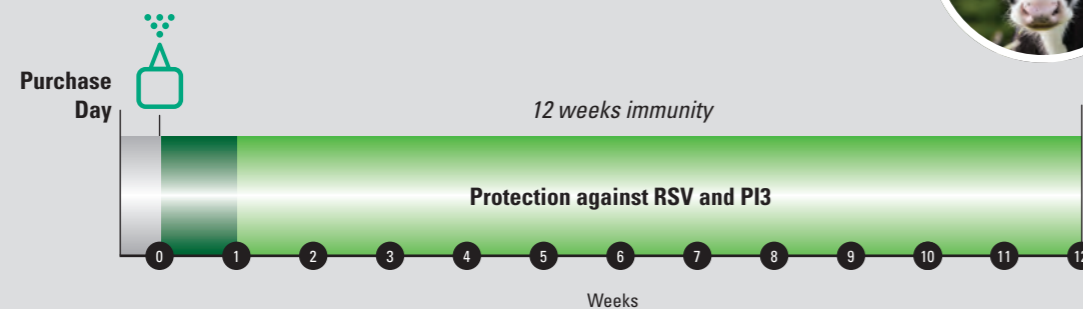
Vaccination Protocol for New Born Beef and Dairy Calves



Vaccination Protocol for Pre-housing and Weaning Cattle



Vaccination Protocol for Purchased Cattle



Vaccinate from 1 week of age

Reduction of clinical signs of BRD*

Reduction of viral shedding**

2ml dose



Intranasal vaccine

Fastest onset of immunity
RSV: 5 days PI3: 7 days

Duration of immunity:
12 weeks

Use up to 6 hours after reconstitution

Available in 1 and 5 dose packs

REFERENCES:

- McGuirk, S. M. 2008. Disease management of dairy calves and heifers. *Vet. Clin. North Am. Food Anim. Pract.* 24:139–153. <https://doi.org/10.1016/j.cvfa.2007.10.003>.
- Dunn, T.R., et al. (2018), The effect of lung consolidation, as determined by ultrasonography on first-lactation milk production in Holstein dairy calves. *J. Dairy Sci.*, 101: 1-7, 2018.
- Delabougliise A, James A, Valarcher J-F, Hagglund S, Raboisson D, Rushton J (2017), Linking disease epidemiology and livestock productivity: The case of bovine respiratory disease in France. *PLoS ONE* 12(12): e0189090. <https://doi.org/10.1371/journal.pone.0189090>.
- Bareille N, Seegers H, Denis G, Quillet JM, Assié S, (2008), Impact of respiratory disorders in young bulls during their fattening period on performance and profitability, *Renc Rech Ruminants*. 2008;15.

*Caused by RSV & PI3.

**That provides active immunity against RSV & PI3.

Bovilis INtranasal RSP Live: contains live, bovine respiratory syncytial virus (RSV), strain Jencine-2013, live bovine parainfluenza virus type 3 (PI3), strain INT2-2013.
Withdrawal periods: Zero days. Legal Categories: ROI [POM(E)] NI [POM-V]

@msd_ah

MSD Animal Health Ireland - Cattle & Sheep

For more information visit
bovilis.ie



Use medicines responsibly.

For further information contact
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Tel: +353 (0)1 2970220.

Email: vet-support.ie@merck.com Web: www.msd-animal-health.ie

E-NON-190700003 JULY 2019



Bovilis® INtranasal RSP™ Live is the only intranasal vaccine licensed to reduce clinical signs of viral pneumonia* in cattle.

BE FIRST BE FAST



BE FIRST TO PROTECT AGAINST BRD

Bovine Respiratory Disease (BRD) is a complex, multi-factorial disease and early detection can be difficult due to the inconsistency or absence of clinical signs.¹

Damage to the lungs and respiratory tract can have long-term impacts on productivity such as much lower milk solids in 1st lactation and much longer fattening periods for beef cattle.^{2,3,4}

Vaccination is an important tool in BRD control.

BE FIRST WITH INTRANASAL VACCINATION

✓ Bovilis® INtranasal RSP™ Live is the **ONLY** licensed intranasal vaccine that can be administered to calves from **ONE WEEK OF AGE**™.

✓ It stimulates active immunity against RSV and PI3 viruses.



BE FAST VACCINATE FROM ONE WEEK OF AGE



**ADMINISTER at 1 week of age
PROTECTION by 2 weeks of age**



ONSET OF IMMUNITY

RSV: 5 days

PI3: 7 days



**DURATION OF IMMUNITY:
12 weeks**



**INTRANASAL
ADMINISTRATION**



2 ML DOSE



BE FIRST ON THE ROAD TO GREATER PRODUCTIVITY



**525 LITRES
OF MILK PER COW IN
THE FIRST LACTATION**

In a study with 215 female calves, the presence of lung damage caused by BRD in the first 8 weeks of life resulted in a decrease of 525 L of milk produced in the first lactation.
In total 57% of calves were affected.²



**15 DAYS
EARLIER START OF FIRST LACTATION**

A study found that heifers that experienced BRD showed on average a **15.2 days delayed start to their first lactation.**³



**2 MONTH
SHORTER FATTENING PERIOD**

Beef calves with a BRD history have a **decreased growth performance (-61 to 108 grams/d)** and a **longer fattening period (+44 to 59 days)**, depending on the severity of clinical signs when compared to beef calves without a history of BRD.⁴

"Give in a week, works in a week"