

GIVE FROM
THE DAY OF BIRTH

BOVILIS

INtranasal RSP™ Live



BE FIRST BE FAST

Bovilis® INtranasal RSP™ Live can now be given from the **DAY OF BIRTH**

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 the **DAY OF BIRTH**
- ✓ It stimulates active immunity against RSV and PI3 viruses



BE FAST

VACCINATE FROM DAY OF BIRTH



ADMINISTER from the Day of Birth
PROTECTION by 1 week 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**



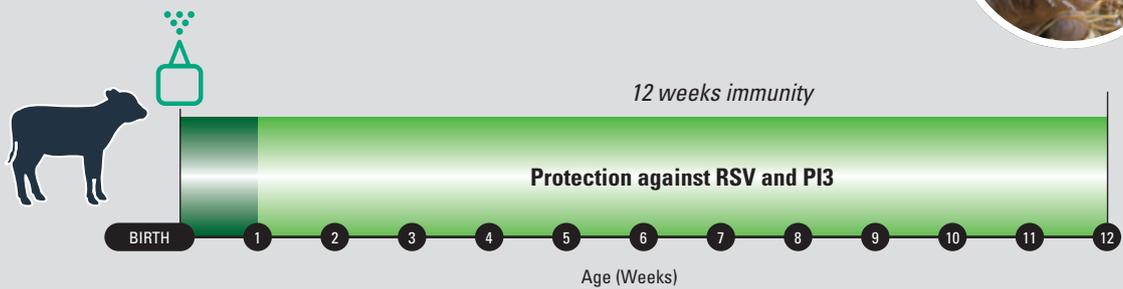
2 MONTH SHORTER FATTENING PERIOD

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

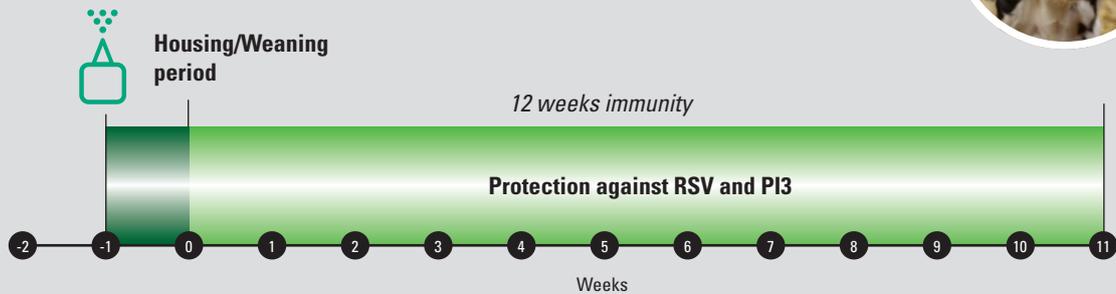
Bovilis® INtranasal RSP™ Live Vaccination Protocols



Vaccination Protocol for New Born Beef and Dairy Calves



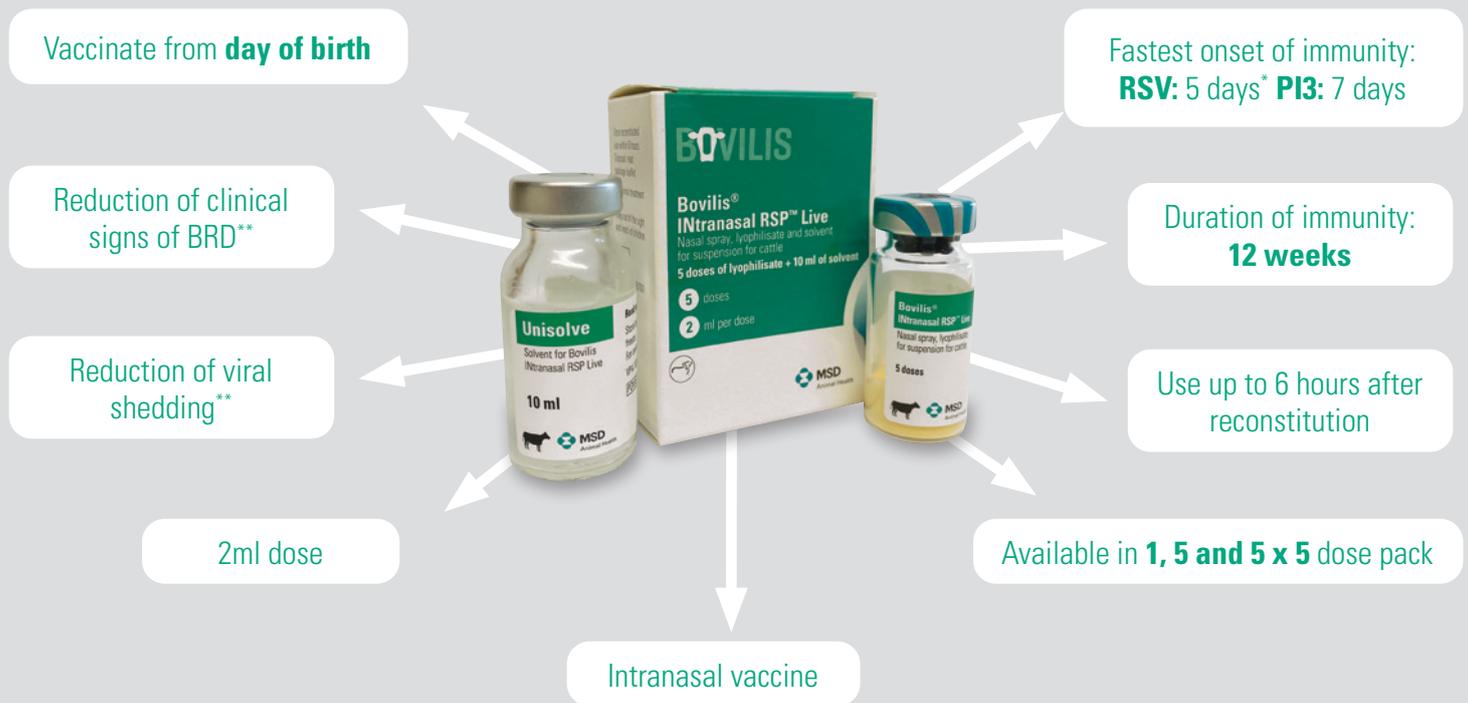
Vaccination Protocol for Pre-housing and Weaning Cattle



Vaccination Protocol for Purchased Cattle



BOVILIS INtranasal RSP™ Live



REFERENCES:

1. 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>.
2. 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.
3. Delabougliè A, James A, Valarcher J-F, Hagglünd 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>.
4. 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.

*Onset of immunity is 6 days for calves vaccinated from the day of birth onwards and 5 days for calves vaccinated from the age of 1 week onwards.

**Caused by 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]

TALK TO YOUR VET TODAY ABOUT BOVILIS® INTRANASAL RSP LIVE

Use medicines responsibly.

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

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



For more information visit
bovilis.ie

