



## Better managing viral passages of bovines with TONIFARM Ruminant DI

Each year, one in two bovines breeding is affected by the flu. This disease can generate respiratory symptoms (coughs) or intestinal symptoms (diarrheas). TONIFARM Ruminant DI is an efficient preventive solution based on plants extracts.

Flu is a viral and contagious disease. It is characterized by a sudden tonus fall, a lack of appetite, fever, a loss of weight and an important drop of milk production.

### FLU : A DISEASE WITH SYMPTOMS AND VARIED RISKS FACTORS

There are several types of flu :

- Viruses with respiratory chief characteristic result in dry coughs ; then, loose coughs, mucous rejection and more and more difficult inspiration.
- Viruses with digestive chief characteristic breed important and very liquid diarrheas with some clots.

#### Some figures about a flu non detected in time on dairy cows :

- Loss of 5 L / dairy cow / day during 30 days.
- Drop in weight of 50 kg.
- Upset in fertility.

#### Bovines :

Difference of 40kg between animals treated with TONIFARM and animals without TONIFARM.

### OUR SOLUTION

Prevention is better than cure ! This old adage is still true for bovine flu. We can improve animals natural defenses with our solutions based on plants extracts. Using TONIFARM Ruminant DI allows to improve animals resistance against different aggressions during the whole production and especially in case of:

- Variations in temperature in Autumn and Spring (cold and humidity).
- Environment changes (new animals in herd).
- Animals rounding-up (entrance in cowsheds).
- Cold snaps.

**Protocol Tonifarm Ruminant DI**  
**At animals arrival, during 5 running days.**  
**Then, 2 days a week during the whole production period.**

### BREEDING RESULTS

Tests realized on 33 young bovines (breed : Limousin) from the same farm. Animals were not sorted out before their entrance in each stall. Average weigh at the stall entrance : 331 kg / head.

	Concrete floor	Wheat straw bedding	Final average weight
<u>With Tonifarm ruminant DI</u>	Stall n° 1 8 heads	Stall n° 3 7 heads	426 kg
<u>Without Tonifarm ruminant DI</u>	Stall n° 2 8 heads	Stall n° 4 8 heads	386 kg

+ 40kg

« The reference herd was sick a week after its arrival and 4 weeks later when animals were rounded up in cowsheds. The TONIFARM herd didn't show any respiratory issues. »

### BREEDERS TESTIMONIES

Breeder of suckler cows « Blonde D'Aquitaine »

« We have a herd of 30 suckler cows Blonde D'Aquitaine. Every winter we face respiratory issues on young calves with the temperatures variations and cold snaps. Last year, from calves birth we have used the TONIFARM Ruminant DI firstly for 5 running days, and then 2 days a week at the rate of 5 ml per calf. We have created a special trough in the calves box to distribute the TONIFARM Ruminant DI. Good surprise : calves didn't coughed, we faced no respiratory issues and calves were very robust at the end of winter. This year, we will do the same, and give it to cows before calvings, which are gathered »

Breeder of 40 Dairy cows « Normandes »

« I started using TONIFARM products in autumn 2012 for my herds of heifers and calves, often affected by viral passages. On heifers I kept for renewing herds, the TONIFARM DI was efficient. Volume of antibiotics used decreased this year. For young calves, with the TONIFARM range, I could react from the first signs of weakness linked to viral passages, common in winter. I will do it again this year.»

Breeder of 85 Dairy cows « Holstein »

« For us, TONIFARM Ruminant DI is the best solution we found to prevent respiratory and digestive viral passages on our heifers and dairy cows, from November to April. In 2010, we vaccinated the herd against respiratory syncytial virus and flu, but we have re-started the TONIFARM from the end of October 2011, we find it more efficient and animals are healthier. During 6 running months we give the TONIFARM Ruminant DI at the entire herd: Dairy cows, dry cows and heifers.»

Breeder of 130 suckler cows « Charolaises »

« I started using TONIFARM products in autumn 2012 on my young calves. I have noted a clear decrease of respiratory and flu issues on the entire herd last year. There were less interventions than last year. »

Breeder of 72 Dairy cows Holstein

« Every year, my herd was affected by flu passages in December. Since 2010 I use TONIFARM Ruminant DI from the beginning of November at the end of April. I didn't have flu inconvenient anymore, milk losses, weight losses, disturbed reproduction. It is easy to use, I dilute ¼ litre of TONIFARM Ruminant DI in a watering can and I distribute it on corn intake on Monday and Tuesday . »