



Advanced Natural Innovations

Ruminants



The Ruminant product range adapted to your activity



The Solution for reducing the impact of bovine lameness

Brevet déposé n° 14 02250



Alternative Drying-Off Method



Distributors



Management of internal parasitic problems



Management of health issues related to neonatal diarrhea



Stimulator of Hepatic Function
Immune Stimulator

Cannot be distributed without Biodevas' written consent.



The Ruminant product range adapted to your activity



Stimulation of the immune system

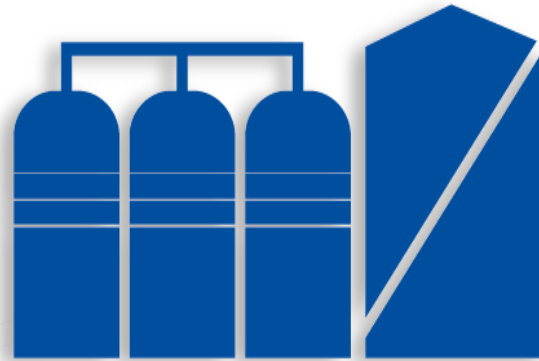


The Solution for reducing the impact of bovine lameness

Brevet déposé n° 14 02250



Urinary comfort



Industrials



The stabilisation of intestinal microbiota



Management of internal parasitic problems



Stimulator of Hepatic Function
Immune Stimulator





Solution for reducing the impact of bovine lameness due to
Dermatitis Digitalis
(Mortellaro's Disease)
Patent filled n°14 02250



Objectives



Mode of action



User Guide



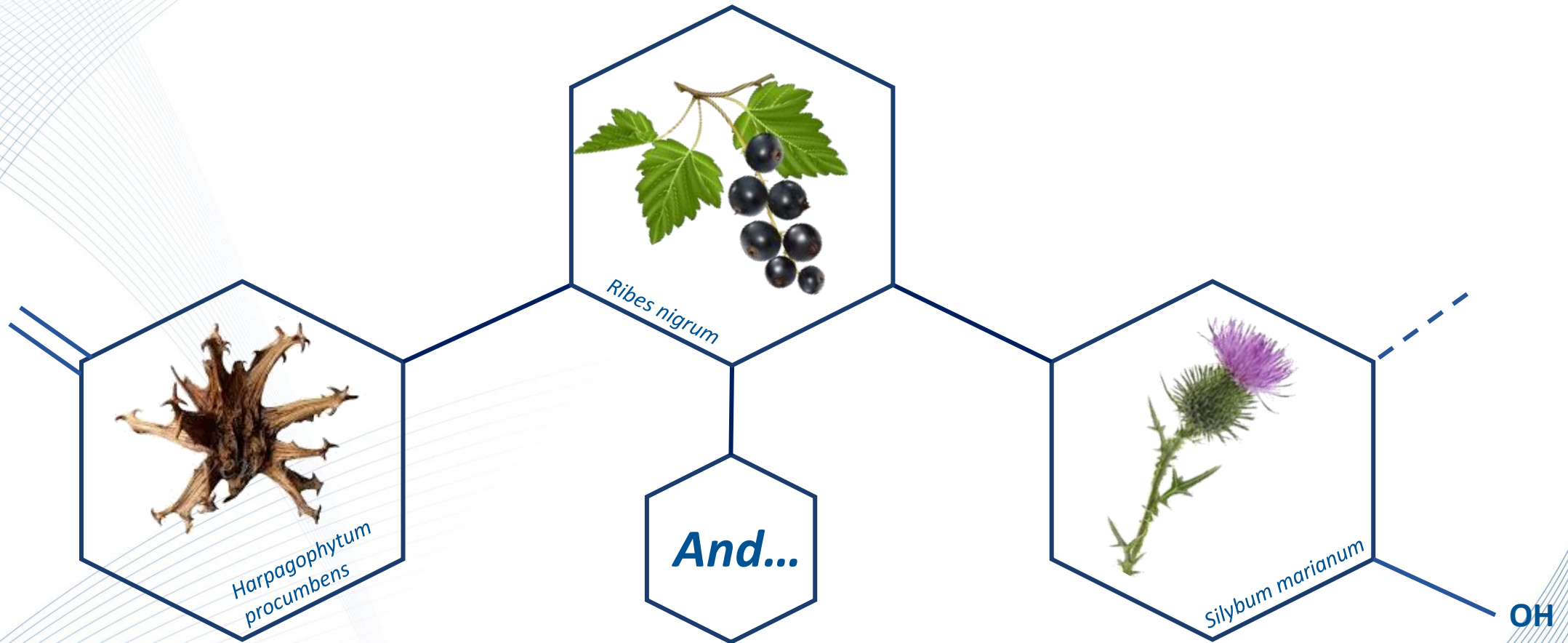
Field Results

Objectives

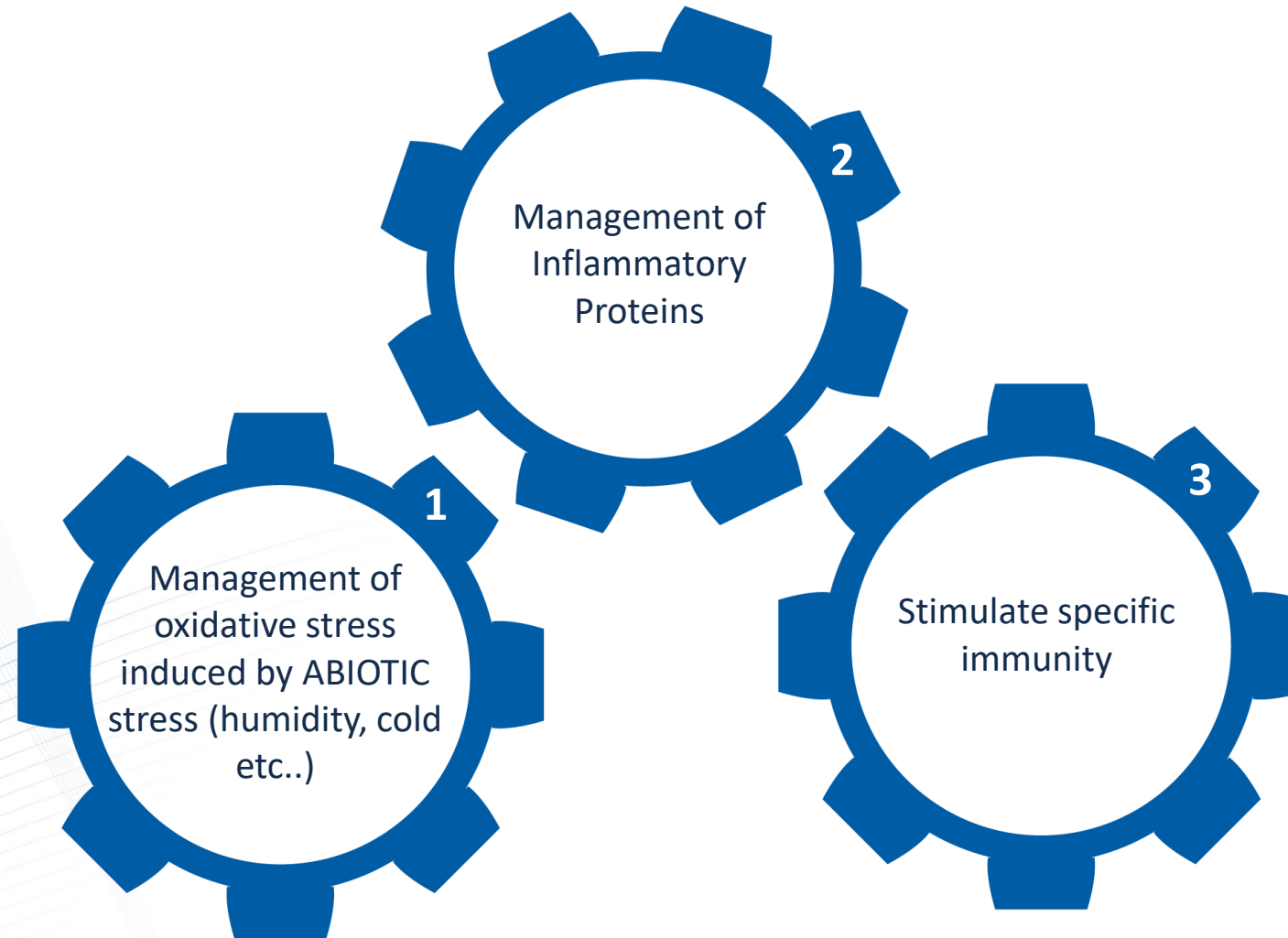
- Restore animal mobility
- Improve animal welfare
- Maintain zootechnical performances
- Reduce production loss



Phytogenic Extracts



A synergy of 3 actions

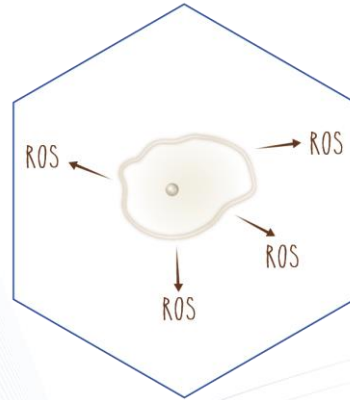




Decrease the production :
TNF α , IL6

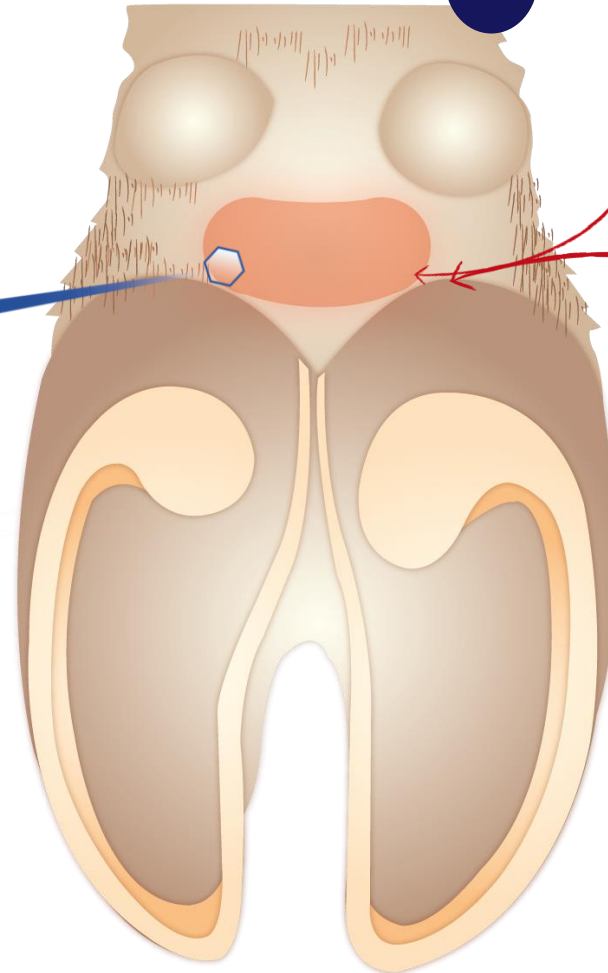
Stabilisation of the activity :
SOD (Super Oxyde Dismutase)
And GPX (Glutathion Peroxydase)

1



2

Decrease the activity of the 5
Lipoxygenase : management of
inflammation









Recruitment of
immune system

3

Stimulation of the production :
IL4, IL10
interféron



User Guide

 SL		<ul style="list-style-type: none"> • Adult: 10 ml / day • Heifer: 5 ml / day
		<ul style="list-style-type: none"> • Adult: 5 ml / day
 GR		<p>Mixed to feed ration or incorporated to complete feed</p> <ul style="list-style-type: none"> • Adult: 10 g / day • Heifer: 5 g / day
		<p>Mixed to feed ration or incorporated to complete feed</p> <ul style="list-style-type: none"> • Adult: 5 g / day

Use for at least 4 to 6 months to have a visible effect



Prerequisite conditions :

- The scraping of mulched areas (at least 3 times a day in winter)
- Trimming and good feet hygiene
- Non acidogenic or alkalotic feed ration
- Prevalence superior to 15 %



→ HEALTH BENEFITS

- ✓ The « feed » solution, efficient and simple to limit the impact of Mortellaro disease
- ✓ Ensure a better management of Heifers prior first infection
- ✓ Help to maintain animal welfare and improve animal movement

→ ECONOMIC BENEFITS

- ✓ No withdrawal period
- ✓ No palatability issue and simple to use
- ✓ Reduce economic loss



Field Results



LA CLEFS DES CHAMPS

Start of experiment
December 2014

End of experiment
June 2015

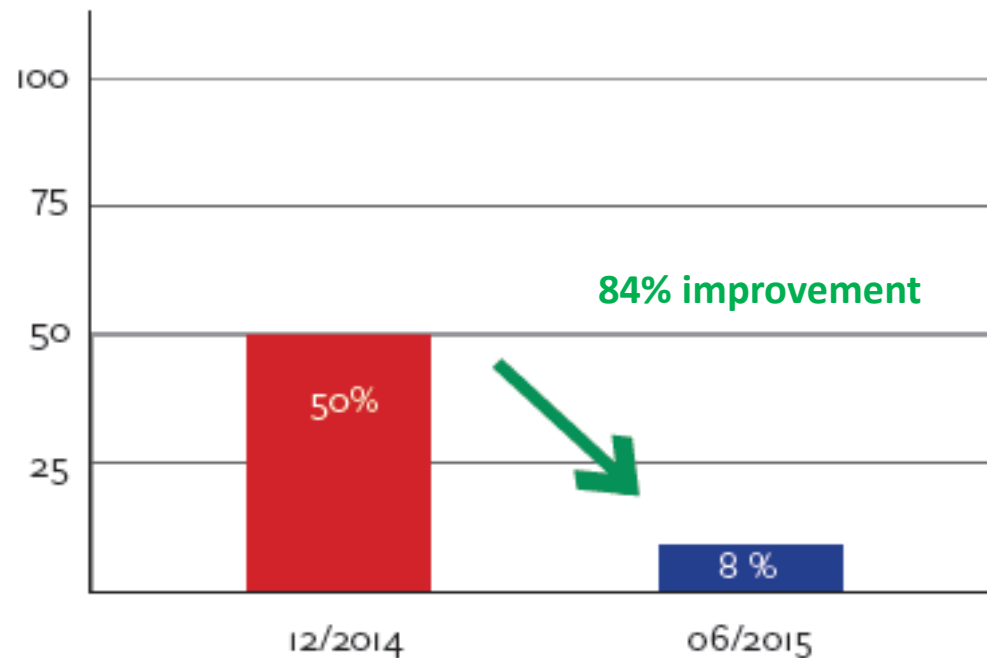
Number of milking cows:
12/2014 : 120 cows
06/2015 : 120 cows

Saint Philibert de Grand Lieu
(44)



HOLSTEIN in stalls

% d'atteinte



COMMENTS :

The farmer has not used feet bath since February 2015.

Heifers do not get infestated anymore.

After 7 months using the product, few cows are laming compared to before



GAEC DE LA ROCHELLE ☰

Start of experiment
January 2015

End of experiment
June 2015

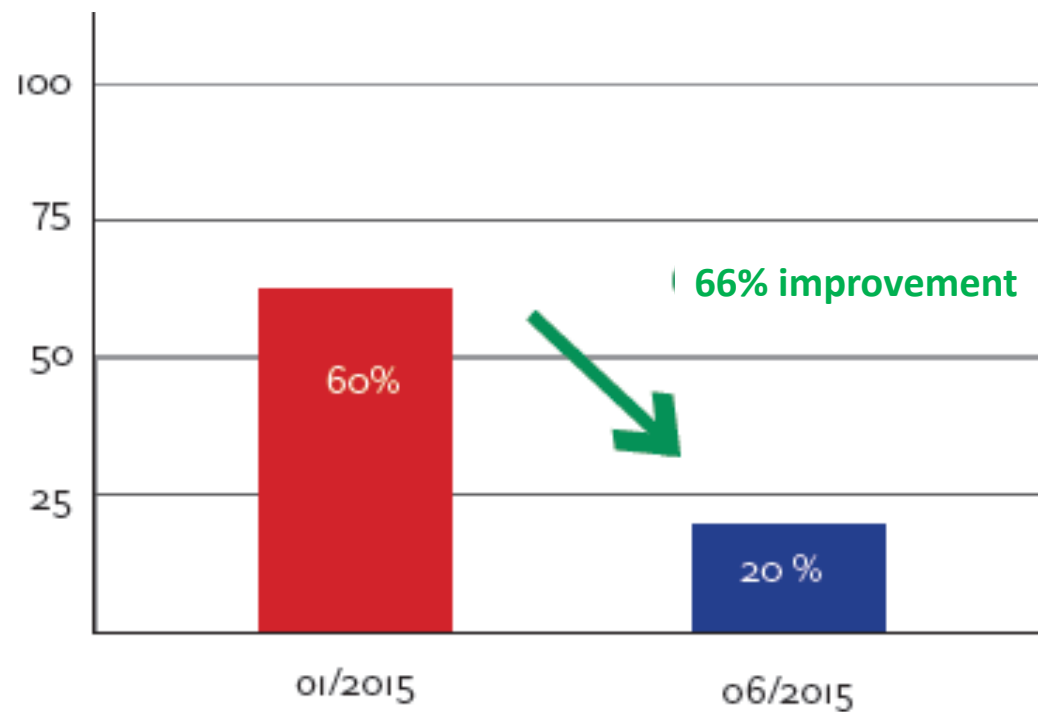
Number of milking cows:
01/2015 : 120 cows
06/2015 : 120 cows

Rouans (44)



HOLSTEIN in stalls

% infestated



COMMENTS :

Heifers do not get infestated anymore
Left dermatitis get reduced little by little
Pain seem to have disappeared



GAEC of Jourcy

Start of experiment

Milking cow: 07/15/2013

Heifer breeding: 12/15/2013

End of experiment

Milking cow and Heifer breeding:
02/15/2014

6,5 months of
supplementation

Number of milking cows:

07/15/2013 : 100 VL

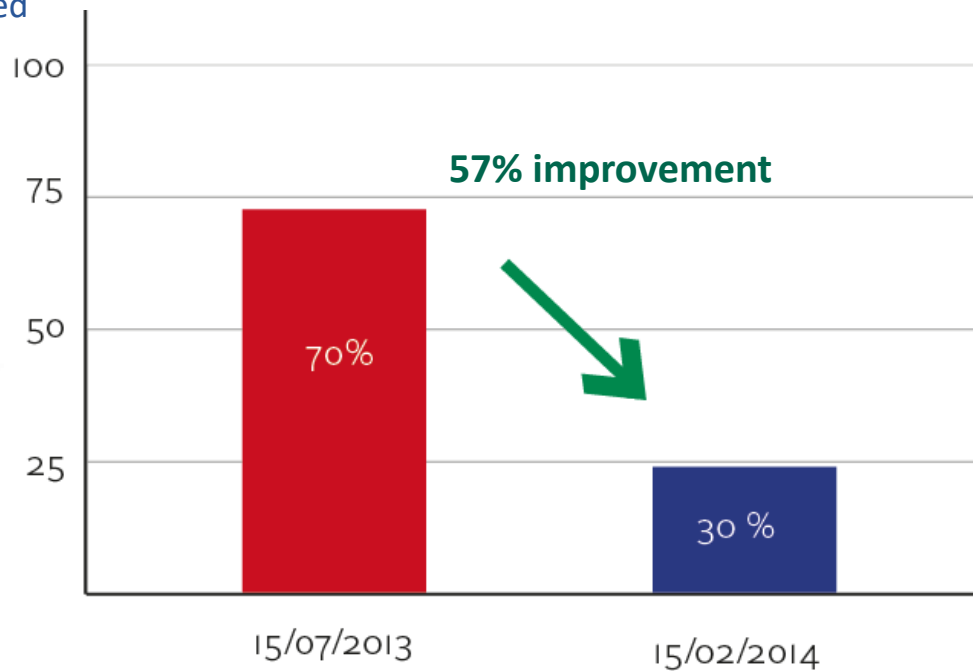
02/15/2014 : 100 VL

Saint Symphorien de Lay (42)



HOLSTEIN in stalls

% infestated



COMMENTS :

From the 30 animals still affected on 02/15/2014:

3 are in first lactation ; 27 are in second lactation and +.

Nb: Livestock breeding where the animals are always in a humid atmosphere



Breeding Barras

Start of experiment

Milking cow: 07/15/2013

Heifer breeding: 12/15/2013

End of experiment

Milking cow and Heifer breeding:
02/15/2014

6,5 months of
supplementation

Number of milking cows: 07/15/2013 :

60 VL

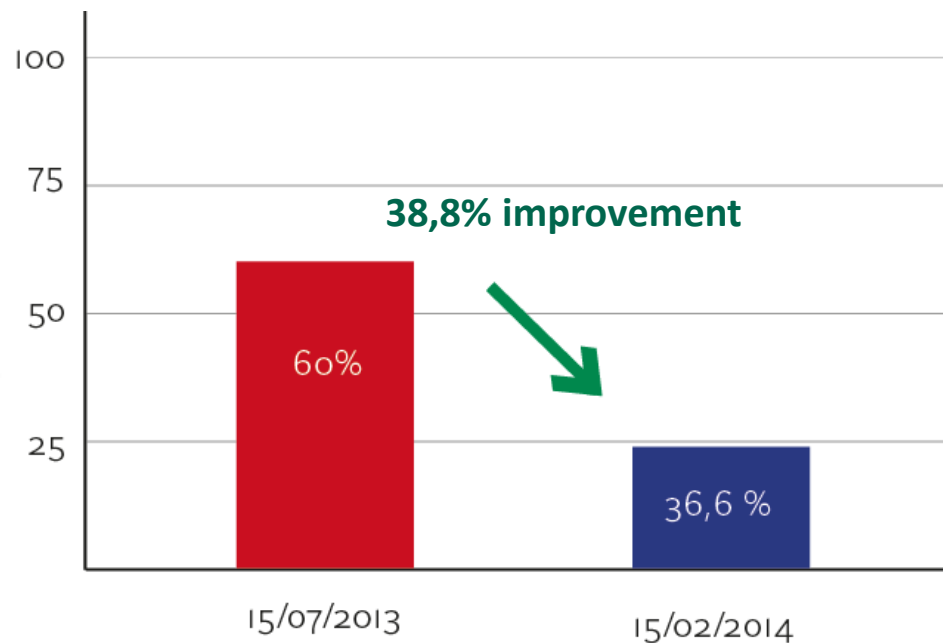
02/15/2014 : 60 VL

Douvaine (74)



HOLSTEIN mulched area

% d'atteinte



COMMENTS :

From the 22 animals still affected on 02/15/2014:

4 are in first lactation ; 6 are in second lactation ; 12 are in third lactation and +.



Breeding M.

Start of experiment

Milking cow: 07/15/2013

Heifer breeding: 12/15/2013

End of experiment

Milking cow and Heifer breeding:

02/15/2014

17 months of
supplementation

Number of milking cows: 08/01/2012 :

100 VL

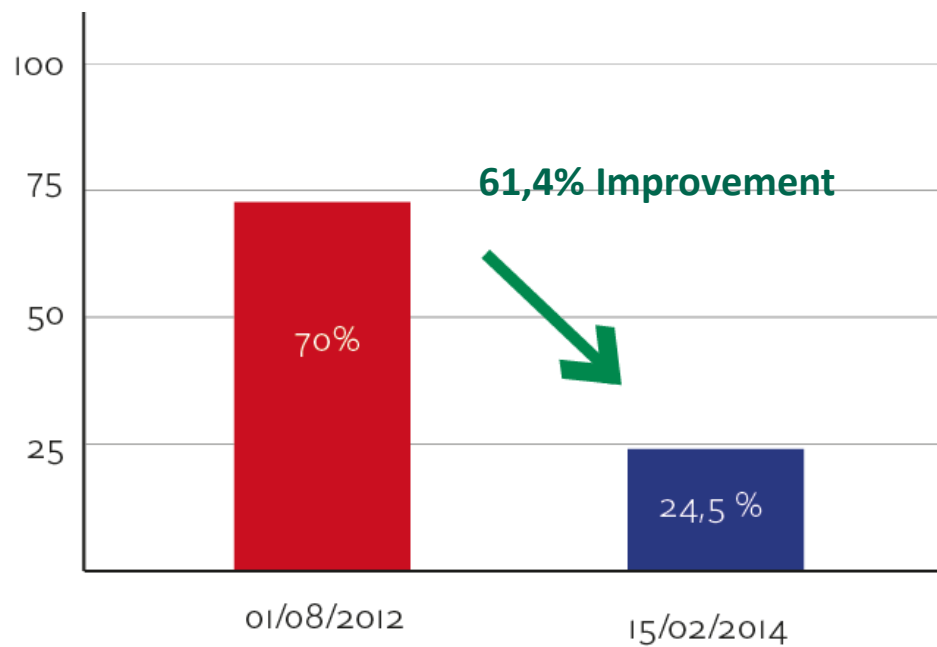
02/15/2014 : 110 VL

Saint Cyr sur Menthon (01)



HOLSTEIN in stalls

% d'atteinte



COMMENTS :

From the 27 animals still affected on 02/15/2014:

8 are in first lactation ; 7 are in second lactation ; 12 are in third lactation.

Nb: 50 % renewal of animals during the period.





HOLSTEIN in stalls

GAEC LA R

Start of experiment

Milking cow: 07/15/2013

Heifer breeding: 12/15/2013

End of experiment

Milking cow and Heifer breeding:

02/15/2014

6,5 months of
supplementation

Number of milking cows: 07/15/2013 :

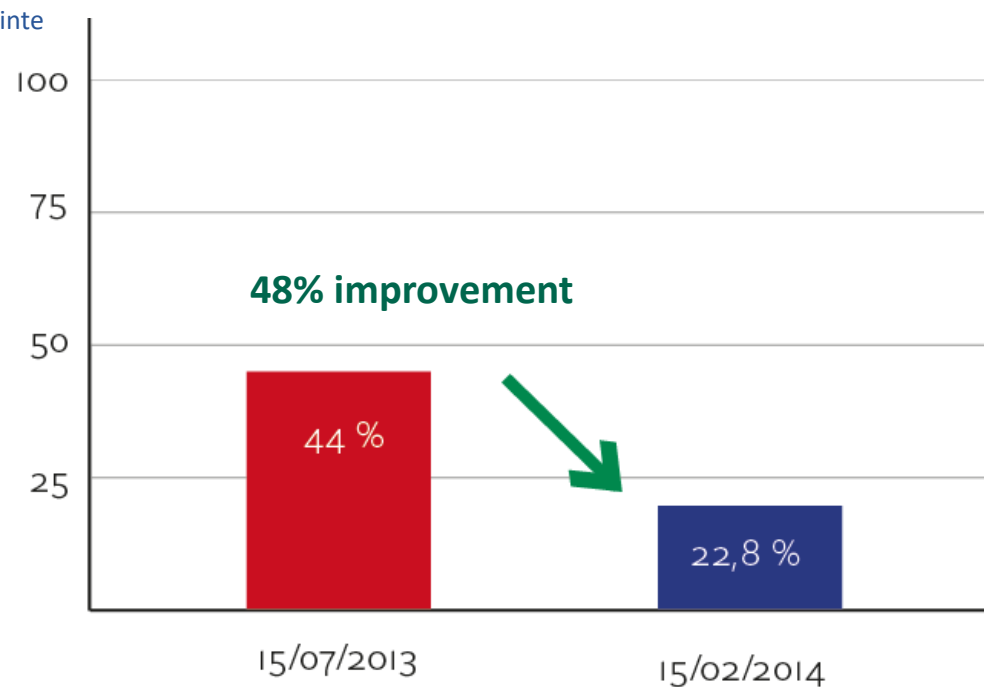
55 VL

02/15/2014 : 57 VL

Archamps (74)



% d'atteinte



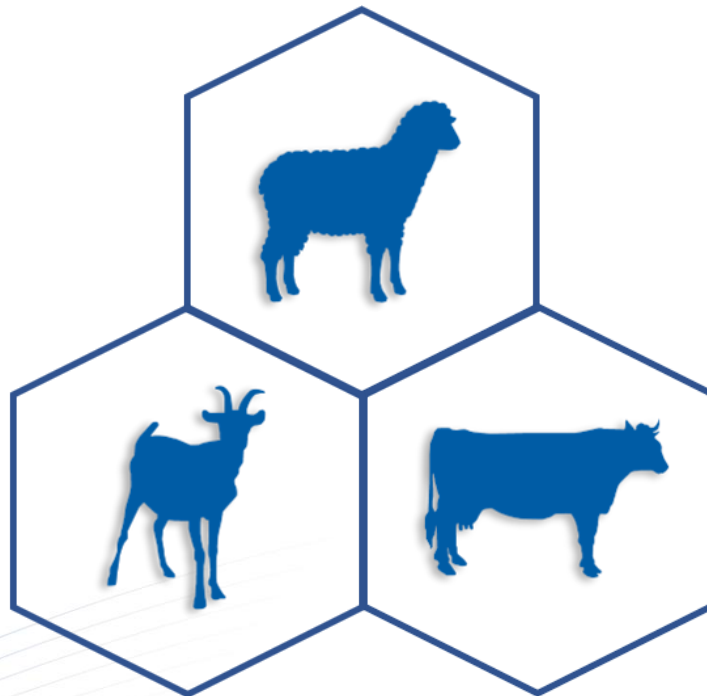
COMMENTS :

From the 13 animals still affected on 02/15/2014:

7 are in first lactation ; 2 are in second lactation ; 4 are in third lactation and +.



The end



But also ...

