



# New innovation in veterinary care

At farm level now!

What's next?

TOMMY  
TheVet

KEEP ANIMALS HEALTHY | MAKE FARMING BETTER

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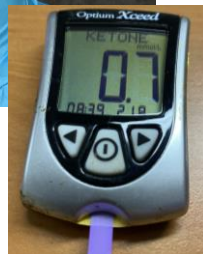
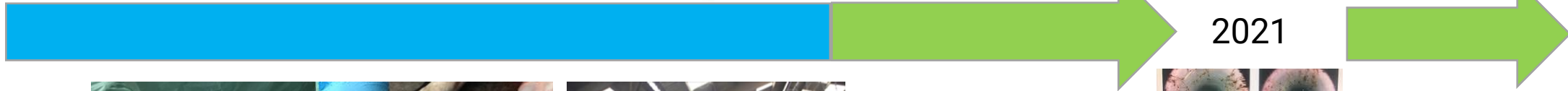


Microbiome

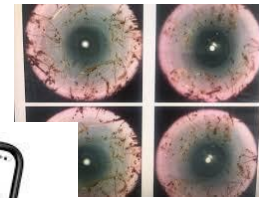


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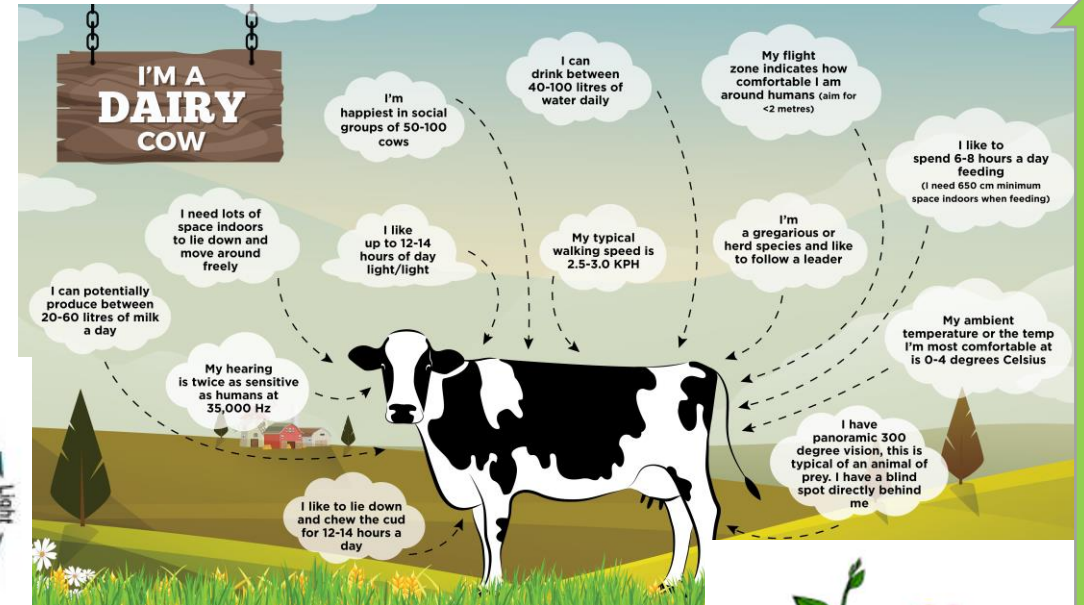
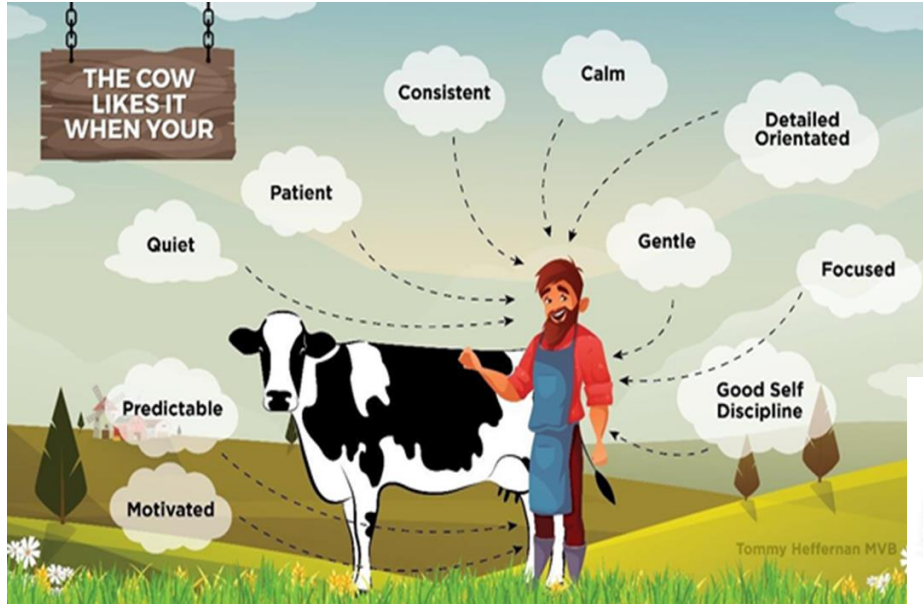
2021



Biomarkers?



Health = Homeostasis = Production



**Understand/optimize biology and behavior's of animals in farming systems**



### IML HEALTHCHECK BULK MILK SCREENING RESULTS

Herd Details		Contact Details	
Herdowner: Joe Gardiner	Y1822311	Mobile: 087-9786865	
Address: Forchester House Forchester Upper Inch Co. Wexford		Email: <a href="mailto:jogardiner1@gmail.com">jogardiner1@gmail.com</a>	Reporting Method: Email
<b>Veterinary Details</b>		<b>Vaccination Status</b>	
Vet Name: Mill House Veterinary Practice	Report Date: 10/05/2021	BVD	IBR
Vet Practice: <a href="mailto:millhousevet@gmail.com">millhousevet@gmail.com</a>		No	Yes
		Leptospirosis	Salmonella
		No	No

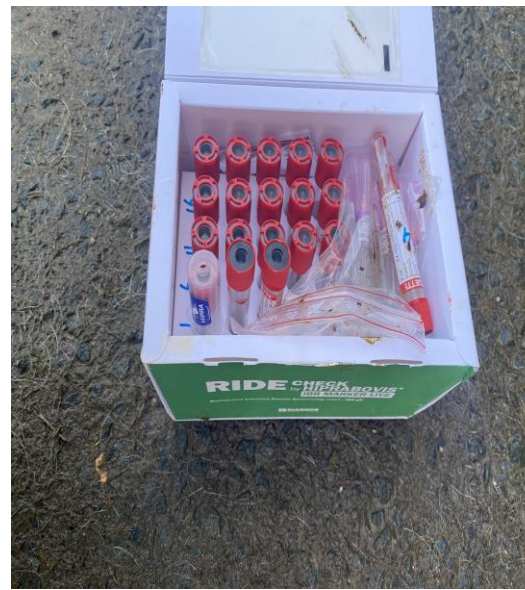
  

Results				
Sample Date:	Q1	Q2	Q3	Q4
Test Date: 07/05/2021				
<b>BVD</b>	S/P Ratio: 39.61			
	Category: <span style="color: yellow;">Low Positive</span>			
<b>IBR (gE)</b>	S/N Ratio: 1.00			
(Vaccinating Herd)	Category: <span style="color: green;">Negative</span>			
<b>NEOSPORA</b>	S/P Ratio: 4.99			
	Category: <span style="color: green;">Negative</span>			
<b>SALMONELLA</b>	S/P Ratio: 87.34			
	Category: <span style="color: red;">Positive</span>			
<b>LEPTOSPIROSIS</b>	S/P Ratio: 42.44			
	Category: <span style="color: red;">Medium Positive</span>			
<b>LIVERFLUKE</b>	S/P Ratio: 2.39			
	Category: <span style="color: green;">Negative</span>			
<b>OSTERTAGIA</b>	Estimated Effect on Milk Yield: -0.59 kg/cow/day			
	Category: <span style="color: yellow;">Low Positive</span>			
<b>SCHMALLEMBERG</b>	S/P Ratio: [Blank]			
	Category: [Blank]			

**Comments:**  
These results indicate the disease status of milk samples tested at the laboratory & taken on the date specified above. For further interpretation of these results, please see accompanying guidance notes. Analysis of the results presented on the above report should be performed in consultation with your veterinary surgeon. Bulk milk testing only provides an approximate guide to the antibody status of the milking herd. If in any doubt, take individual cow samples.

**Disclaimer**  
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Independent Milk Laboratories  
2014 Ltd



# VISION FARMING

**FarmLab** Gateway to animal health. Emlagh, Elphin, co. Roscommon  
Phone: 071 9630792, email: [info@farmlab.ie](mailto:info@farmlab.ie)

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Report # 18/05/2021/ 172693

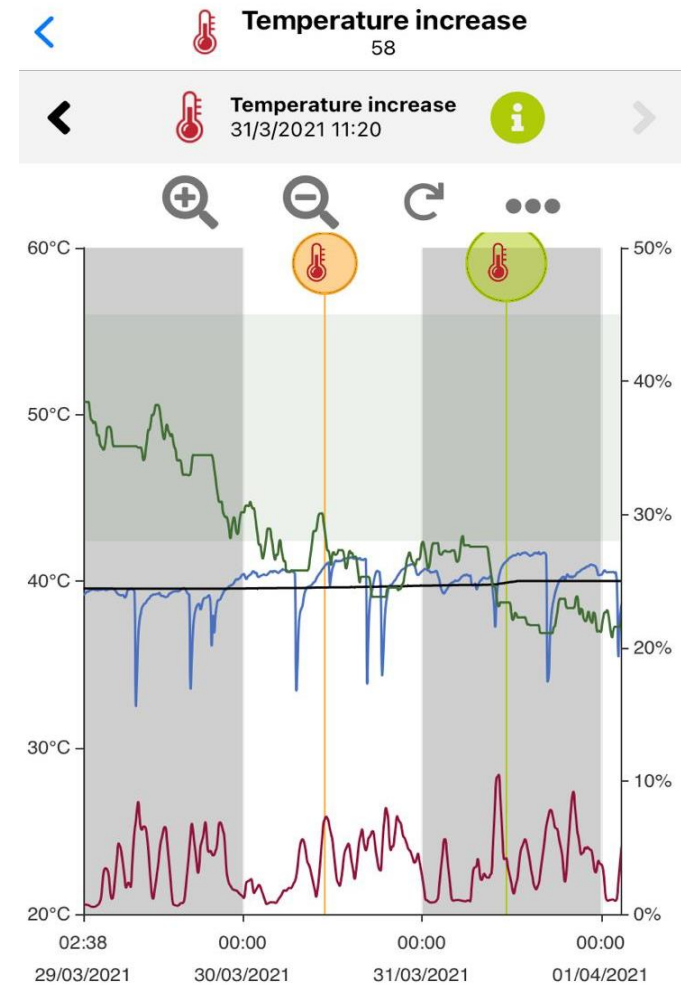
Submitted by: **Tommy heffernan** Vet/Advisor: **TOMMY HEFFERNAN**

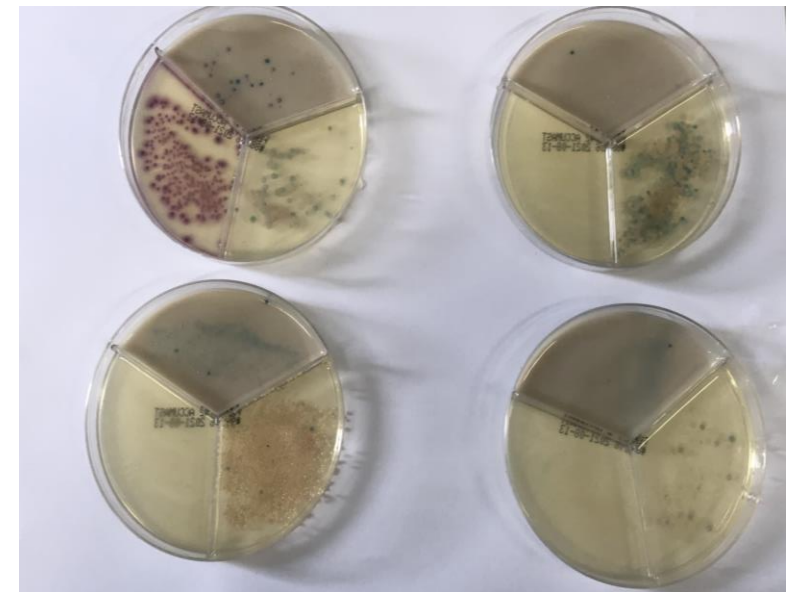
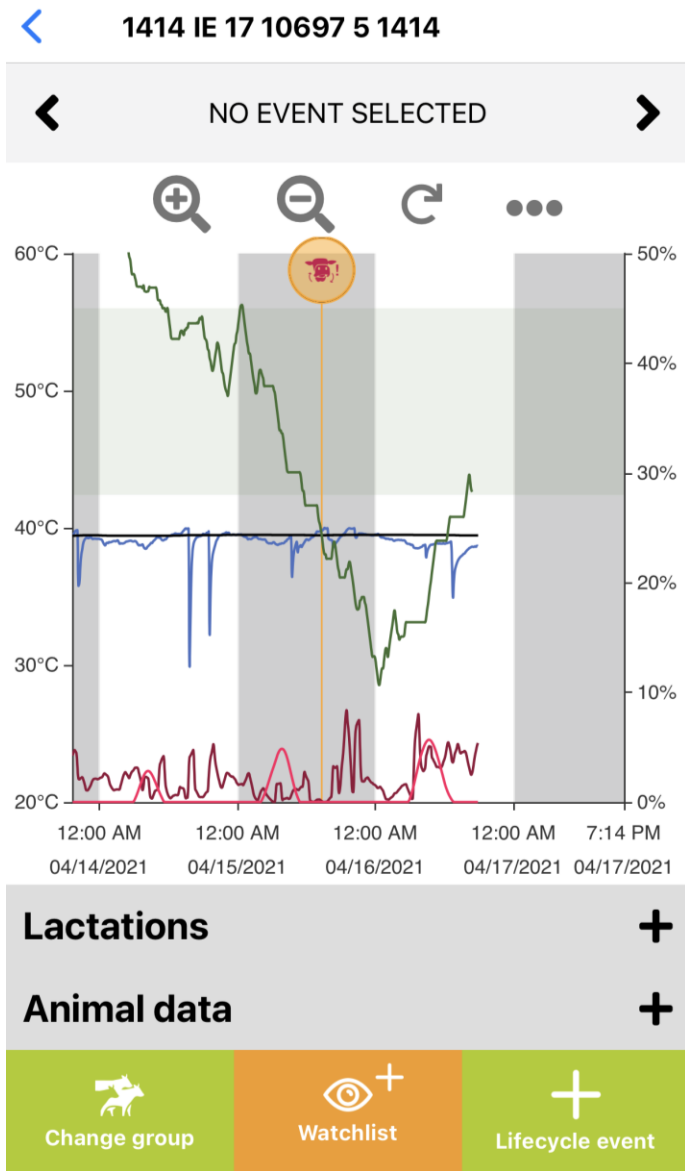
Phone: [Blank]  
Address: Avondale Veterinary Clinic, Co Wicklow  
Email: [heffernantommy@yahoo.ie](mailto:heffernantommy@yahoo.ie) DB: none

Owner name: **GARDINER FARMS** Herd ID: IE GF260421  
Address: COOLGREANY Herd/Supplier no.: GF260421  
Herd Identifier: [Blank]  
Phone: [Blank]

Reg #	Animal ID:	Tube #	Test	Result	Sample	Arrived	Tested
11305210032	POOLED	POOLED	Histophilus somni	- No Ct - Negative	SWAB	13/05/2021	18/05/2021
11305210032	POOLED	POOLED	PCR BAdV	Ct No Ct - Negative	SWAB	13/05/2021	18/05/2021
11305210032	POOLED	POOLED	PCR BCoV	Ct 28.70 - Positive	SWAB	13/05/2021	18/05/2021
11305210032	POOLED	POOLED	PCR BoHV	Ct No Ct - Negative	SWAB	13/05/2021	18/05/2021
11305210032	POOLED	POOLED	PCR MANNHEIMIA HAEMOLYTICA	Ct No Ct - Negative	SWAB	13/05/2021	18/05/2021
11305210032	POOLED	POOLED	PCR Mycoplasma bovis	Ct No Ct - Negative	SWAB	13/05/2021	18/05/2021
11305210032	POOLED	POOLED	PCR PI3 Res	Ct No Ct - Negative	SWAB	13/05/2021	18/05/2021
11305210032	POOLED	POOLED	PCR RSV	Ct No Ct - Negative	SWAB	13/05/2021	18/05/2021

Approved by: Mikhail Nosov Ph.D., Technical Manager





Data?

Using this data?

Effective change

Actions

“Measuring managing”





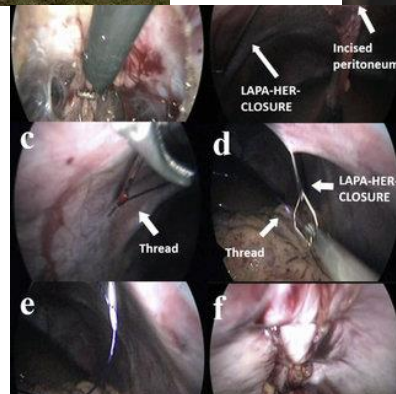
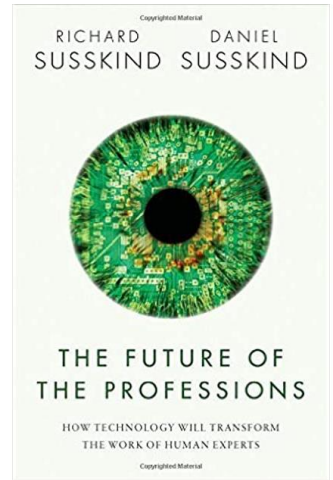
## Clinical skills (nb)



## Herd management

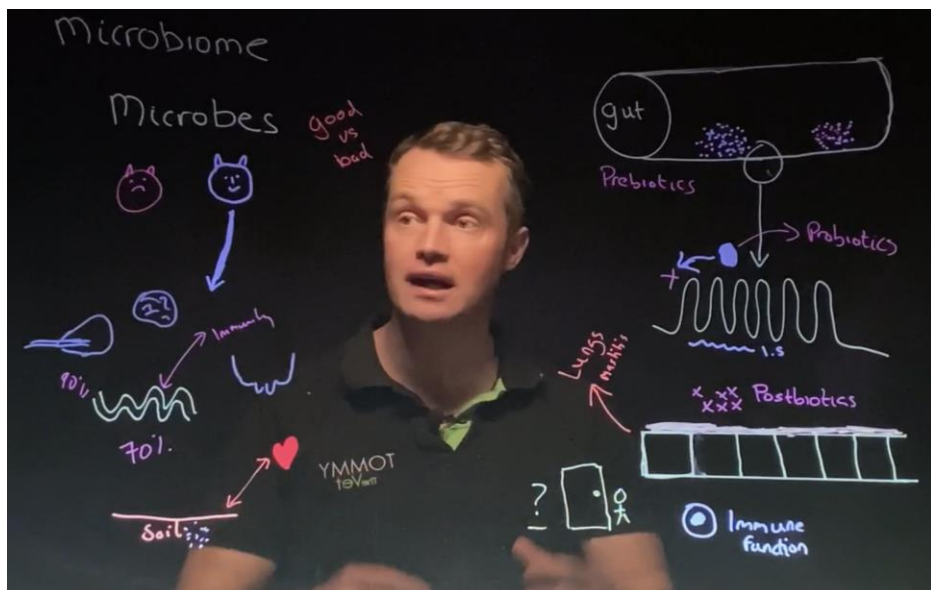


## Coaching Collaboration



## Cow side testing Diagnostics

## Data and clinical skills



Solutions?

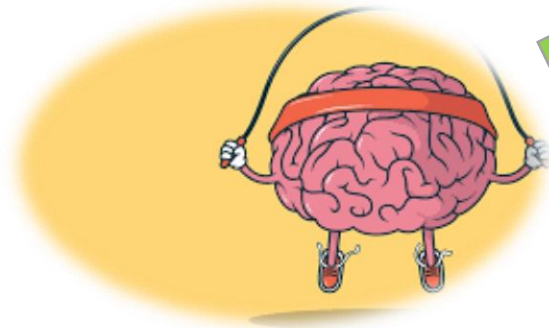
Practical, simple & implementable



Make a positive impact on

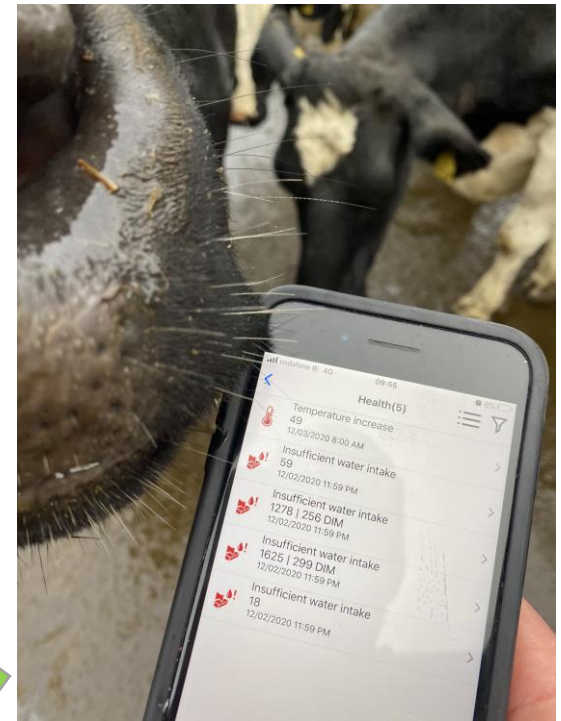
The animals, the livelihoods and most importantly the health of our planet





The cow  
The farmer  
Consumer

Technology  
Innovation



The future?  
Leadership

Human health  
Our environment  
Sustainability!!!!!!  
AMR & animal welfare



*“NÍ NEART GO CUR  
LE CHÉILE –  
THERE’S NO  
STRENGTH  
WITHOUT UNITY”*

