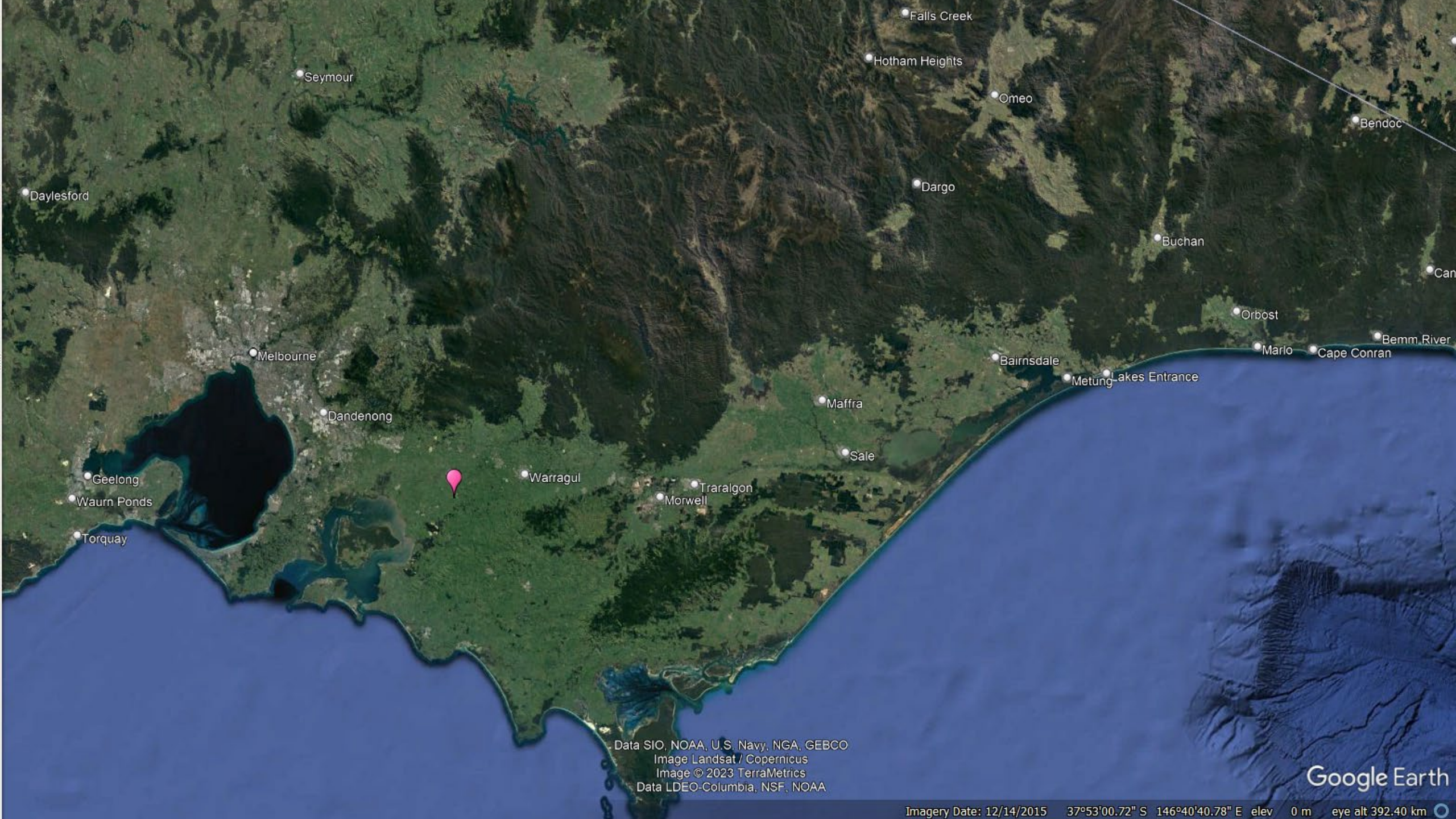


The View From the Paddock

Lauren Finger

Herd '23





Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Image Landsat / Copernicus
Image © 2023 TerraMetrics
Data LDEO-Columbia, NSF, NOAA

Google Earth

Imagery Date: 12/14/2015 37°53'00.72" S 146°40'40.78" E elev 0 m eye alt 392.40 km

Our Farm

550 cows

Mostly Spring Calving

Majority Friesian and Fx

Production 21-22

4.3 million litres

335,460kg MS

Av BMCC 123,000

6 employees

(3 FT / 2 PT / 1 Casual)

Collars since 2019

New dairy in June 2022

Lifestyle

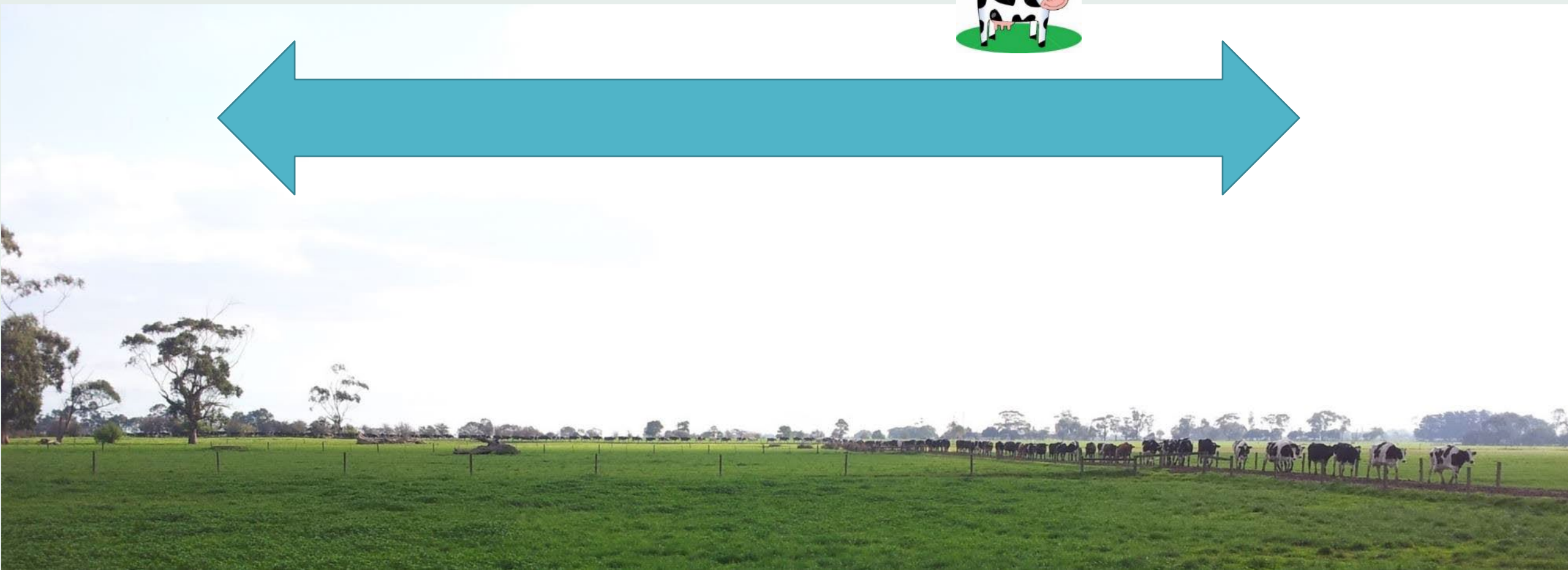
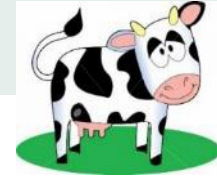
Business



Aiming for Best Practice

Never

Always



How we treat our cows and people

Poor

Good



accomplishment
CONTINUOUS IMPROVEMENT

leadership
honesty
share community

anticipate
CO-OPERATIVE SPIRIT

teamwork
positive work environment
care
proactive
challenge
accountability
learning
personal growth
collaboration
RESPECT
consideration
flexibility
communication

RESPECT

“Respect for people, cows, contractors, the environment, and ourselves.”

“Nobody is better than anybody else, but we all have different skills. Everyone has something to offer.”

CO-OPERATIVE SPIRIT

“Treat people as you would like to be treated, and leave things as you would like to find them.”

“Create a win-win situation.”

CONTINUOUS IMPROVEMENT

“Every day is a new day, find opportunities to make tomorrow better.”

“Simple systems, done well.”



Farm system – breeding, feeding

Always the
same

Responsive to
changing conditions



Facilities on Farm

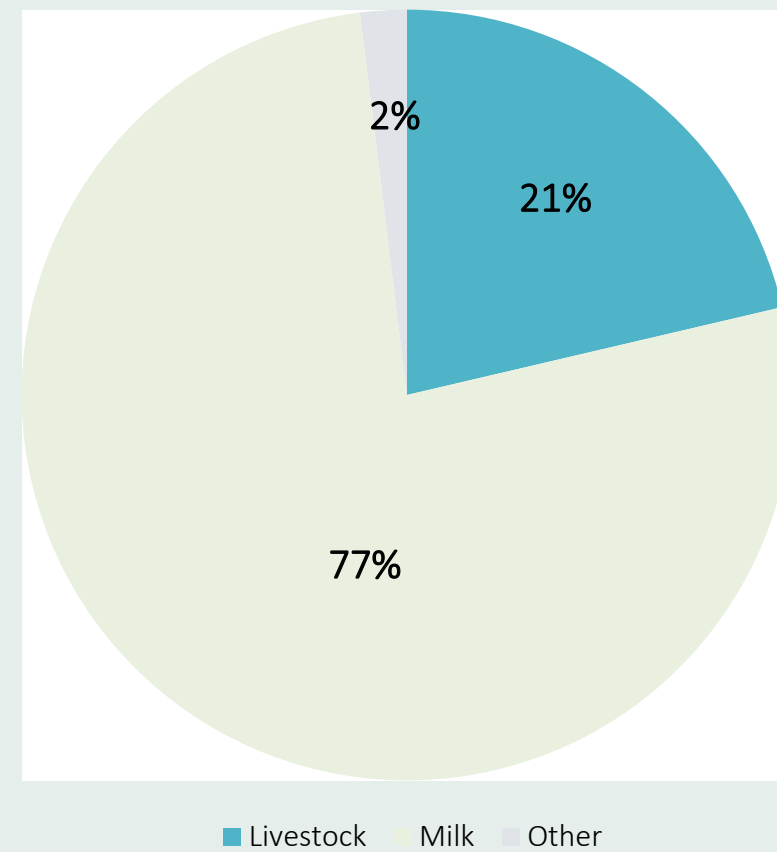
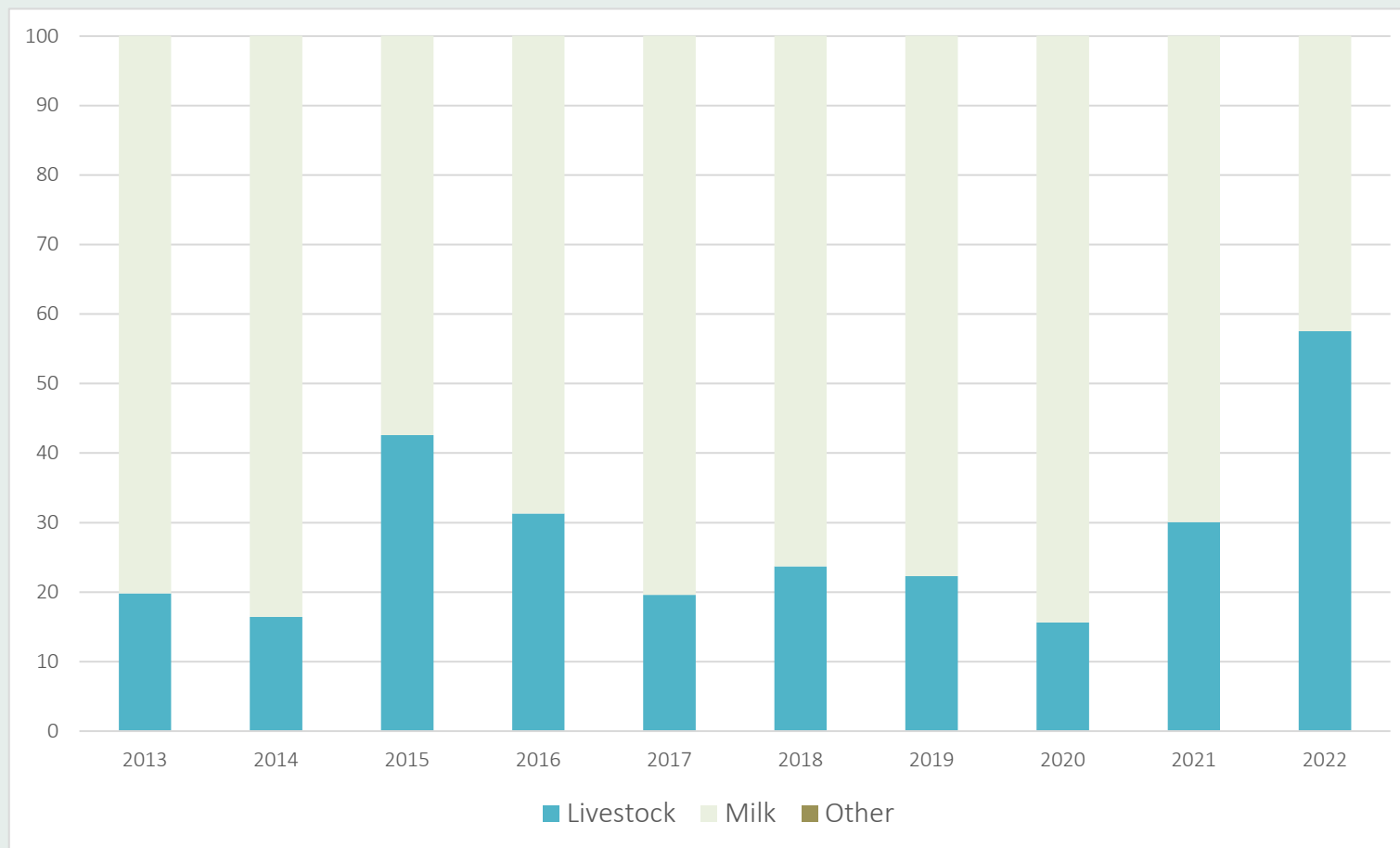
Poor

Good





Farm Income – 10 years



$$1 + 1 = 3$$

“Cows are like shares”

Buy/keep at good value

Pregnant cows

Mixed breed groups

Cross bred heifers

Sell at high value

Milk : Meat ratio

Export heifers

Fresh / empty cows

Black and White

Livestock trading 2015 – 2023

	Purchases		Sales	
	Qty	Avg Price	Qty	Avg Price
Beef Cattle	186	\$616	247	\$1,167
Bulls	27	\$1,939	35	\$1,930
Calves	0		2,648	\$112
Dairy Cows	1,032	\$1,515	2,238	\$1,133
Dairy Heifers	254	\$1,210	1,688	\$1,628
	1,499		6,856	





In the future.....

...I hope to be a farmer

I also hope to be happily married, with two children, hopefully a boy and a girl.

If I do not become a farmer, I wouldn't mind being a vet, a nurse, or a teacher.

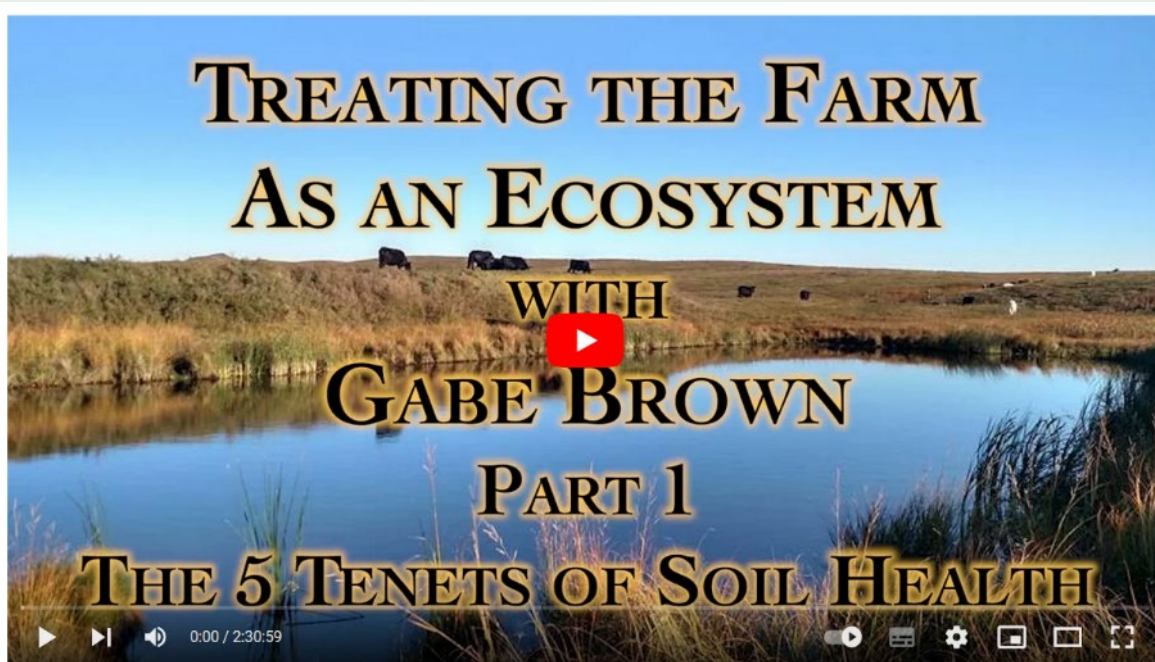




2020



“Hollow Food”



Treating the Farm as an Ecosystem with Gabe Brown Part 1, The 5 Tenets of Soil Health



Role of Epigenetics

2:15:08

Building Resiliency: Epigenetics with Gabe Brown & Dr. Allen Williams 11-19-21

11K views • 1 year ago

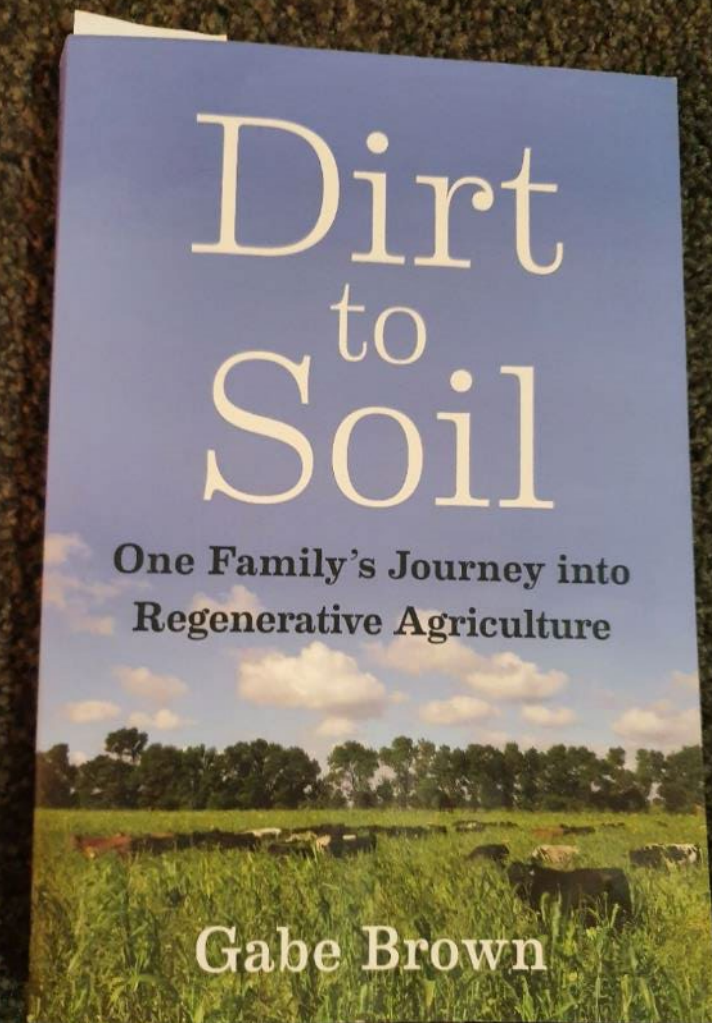
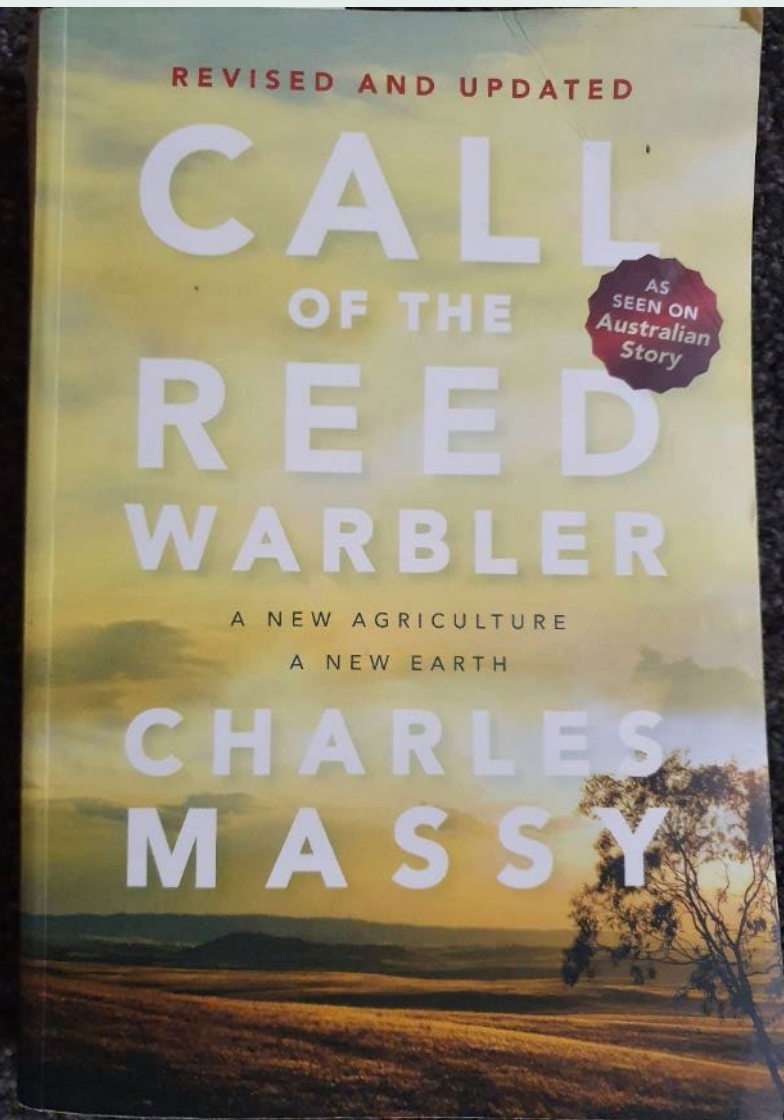
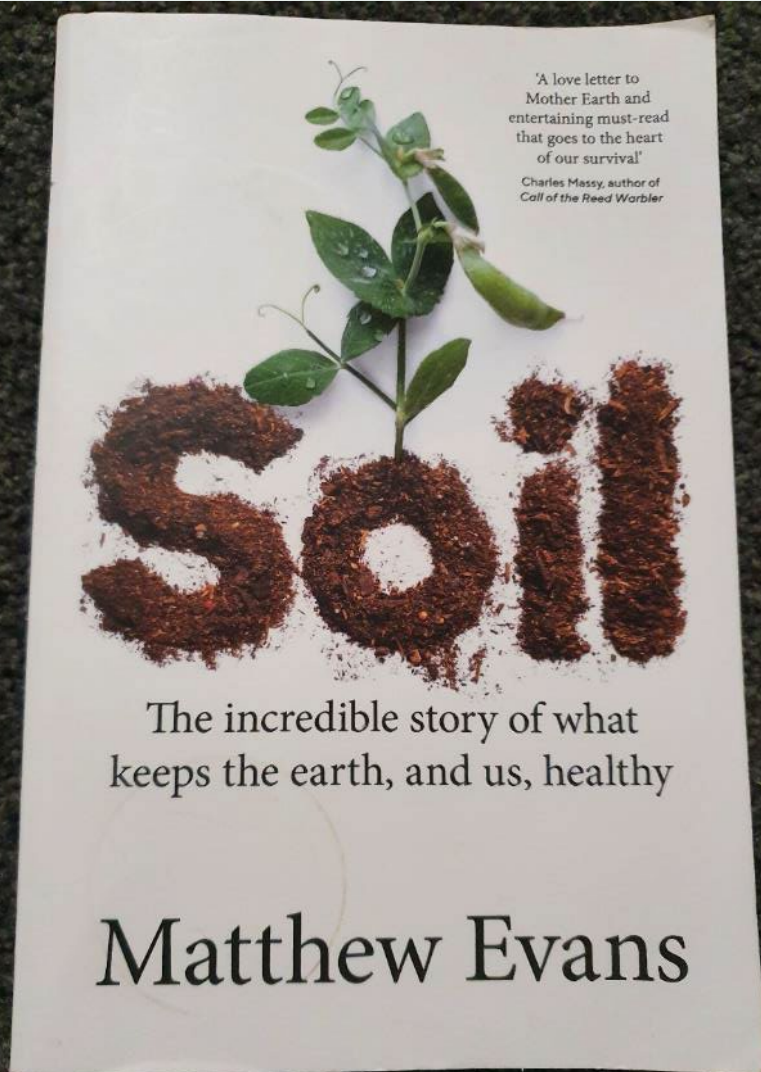


Understanding Ag

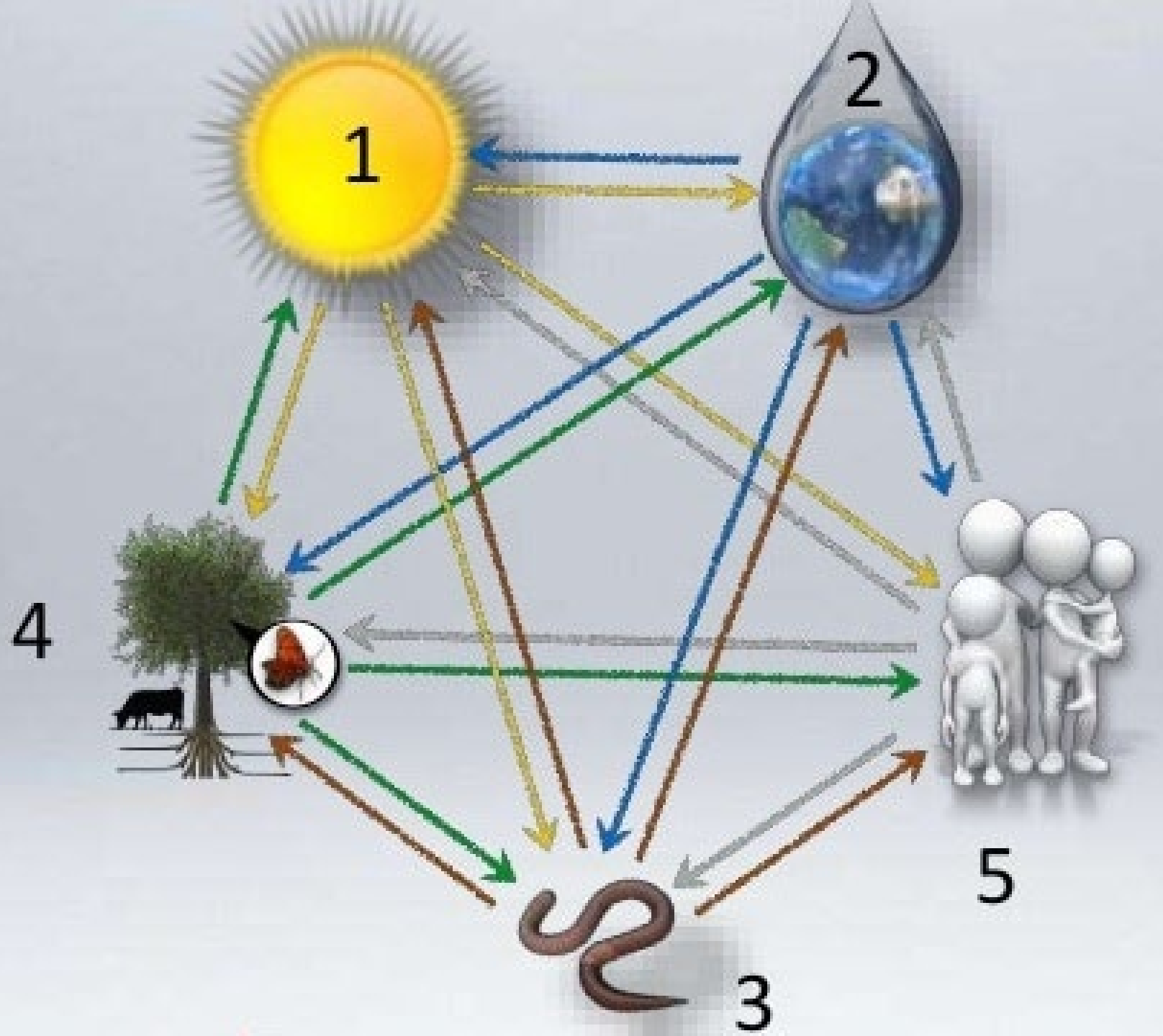
49:14 Another example of positive epigenetics this is one of our clients they have a pecan orchard in oklahoma and th
that ...

4K

Listening



Reading



Five Key Landscape Functions

Charles Massy

1. Solar Cycle
2. Water Cycle
3. Soil - Mineral Cycle
4. Dynamic Ecosystem Communities
5. Human - Social

Five Principles of Soil Health

1. Limited disturbance
2. Armour (cover) on the soil
3. Diversity
4. Living Roots
5. Animal Integration

Gabe Brown







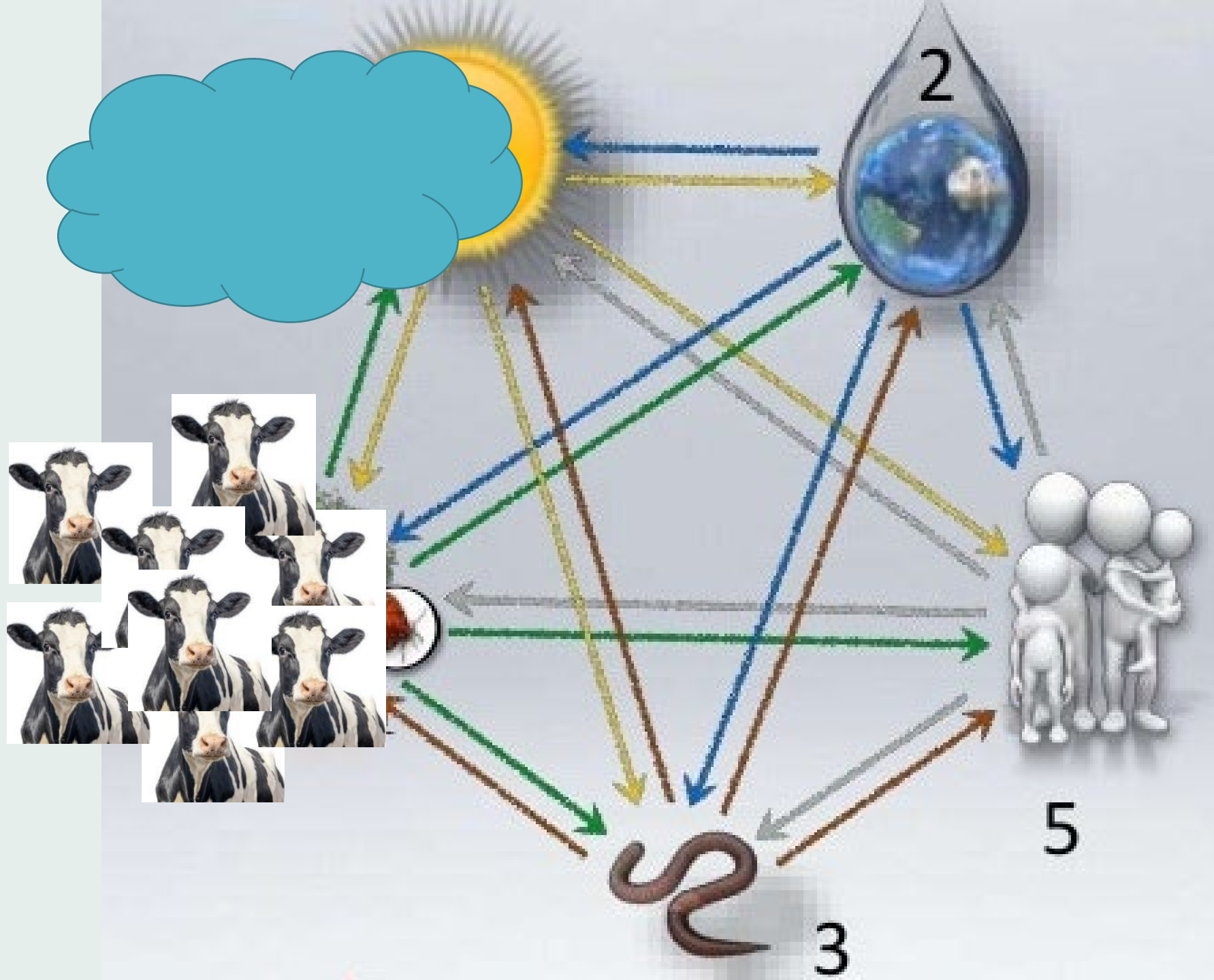




A landscape photograph featuring a tall sunflower in the lower-left foreground. The sunflower has a large, dark brown head and green leaves. Behind it is a vast green field. In the distance, a river or lake flows horizontally across the frame. The sky is filled with soft, white clouds, and the sun is visible in the upper right corner, creating a bright, hazy light.

*“If you want to make small changes,
change how you do things.*

*If you want to make big changes,
change how you **see** things.”*



“Work with nature, not against it”

↓ Inputs ± ↑ Outputs = ↑ Resilience

Harvest and utilise available rainfall

Maximise home-grown feed

Nutrients from natural cycles

Animals to fit the system

$$1 + 1 = 3$$

YES!

VITAMIN F
VITAMIN G

PREVENTATIVE HEALTH

- Vaccines (esp calf scours)
- Colostrum management
- Teatseal/Dry Cow
- Lead feeding with Xzelit

ID & DATA to make good decisions

LOW STRESS STOCK HANDLING

NO!

HIGH INTERVENTION

- CIDR's
- Synchro programs (occasional PG)

HIGH MAINTENANCE

- Select out those that do not thrive
 - Feet
 - Mastitis
 - Infertility without extended lactation capability
 - High BW : Milk ratio

Maybe...

GENOMICS

2022 Spring Calving

603 cows calved

21 stillborn calves (3.5%)

255 heifer calves reared

2 died pre-weaning (0.8%)

(plus 3 euthanased post weaning)

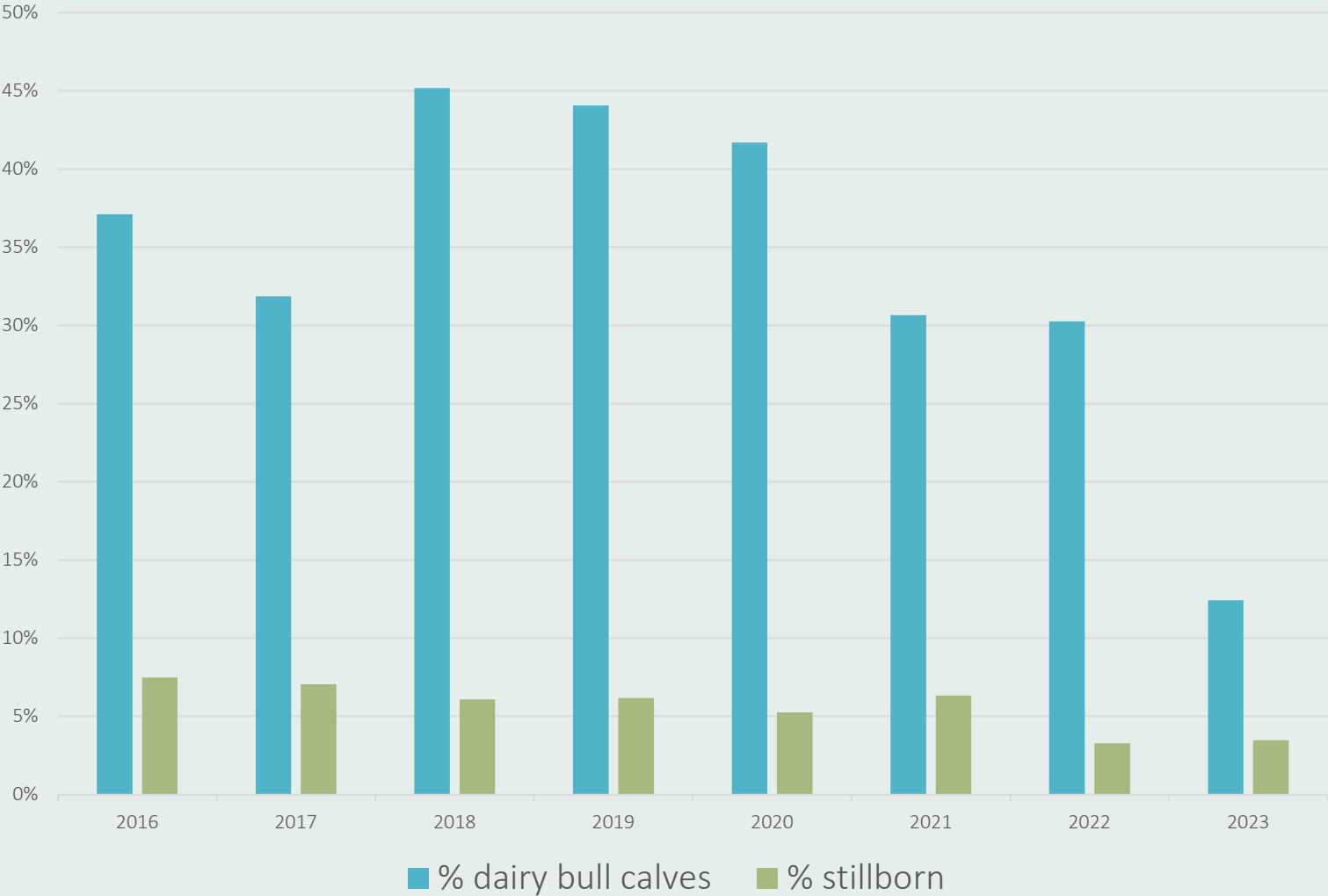
2 cows died of milk fever

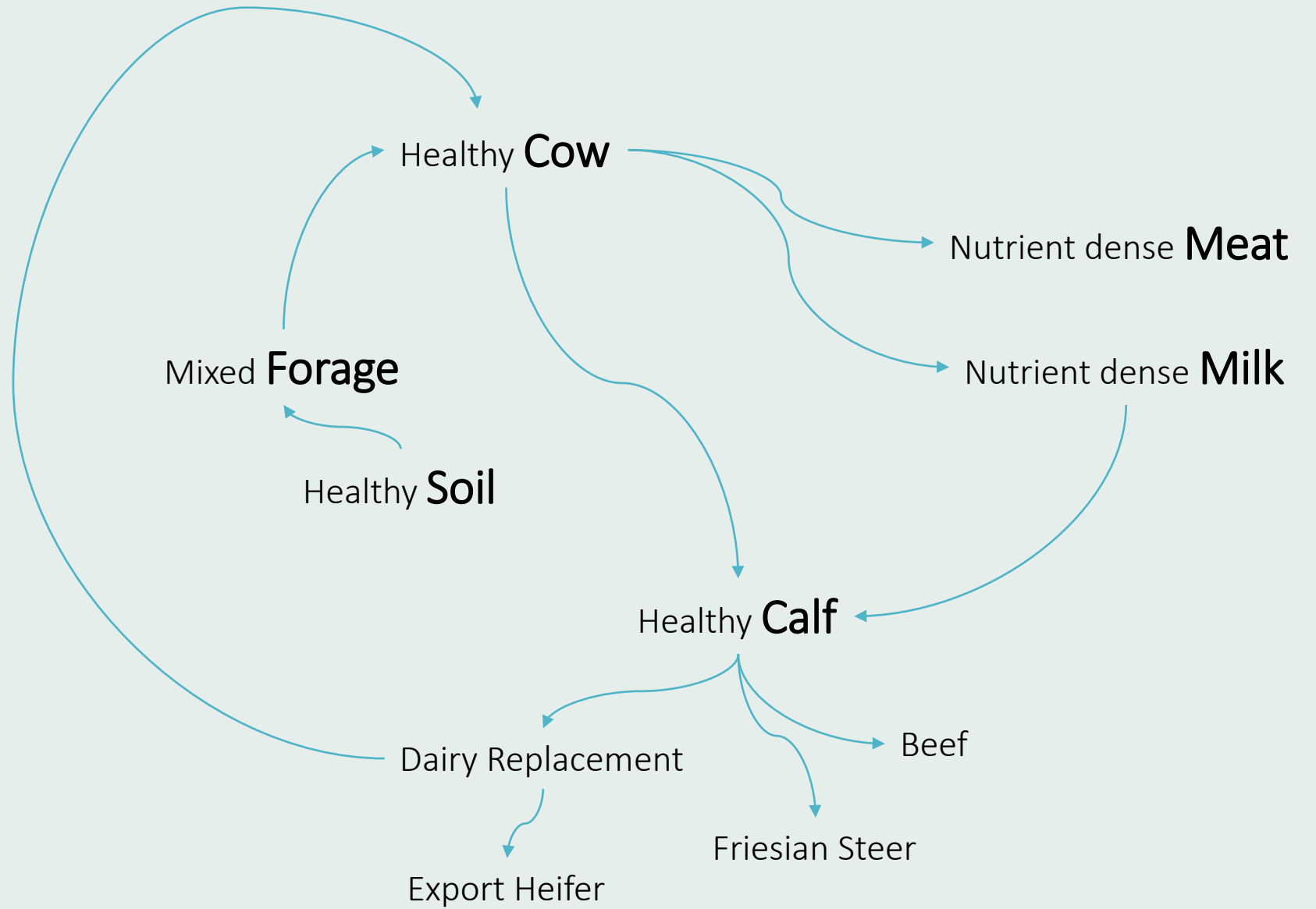
2 from age-related paralysis (should have culled)

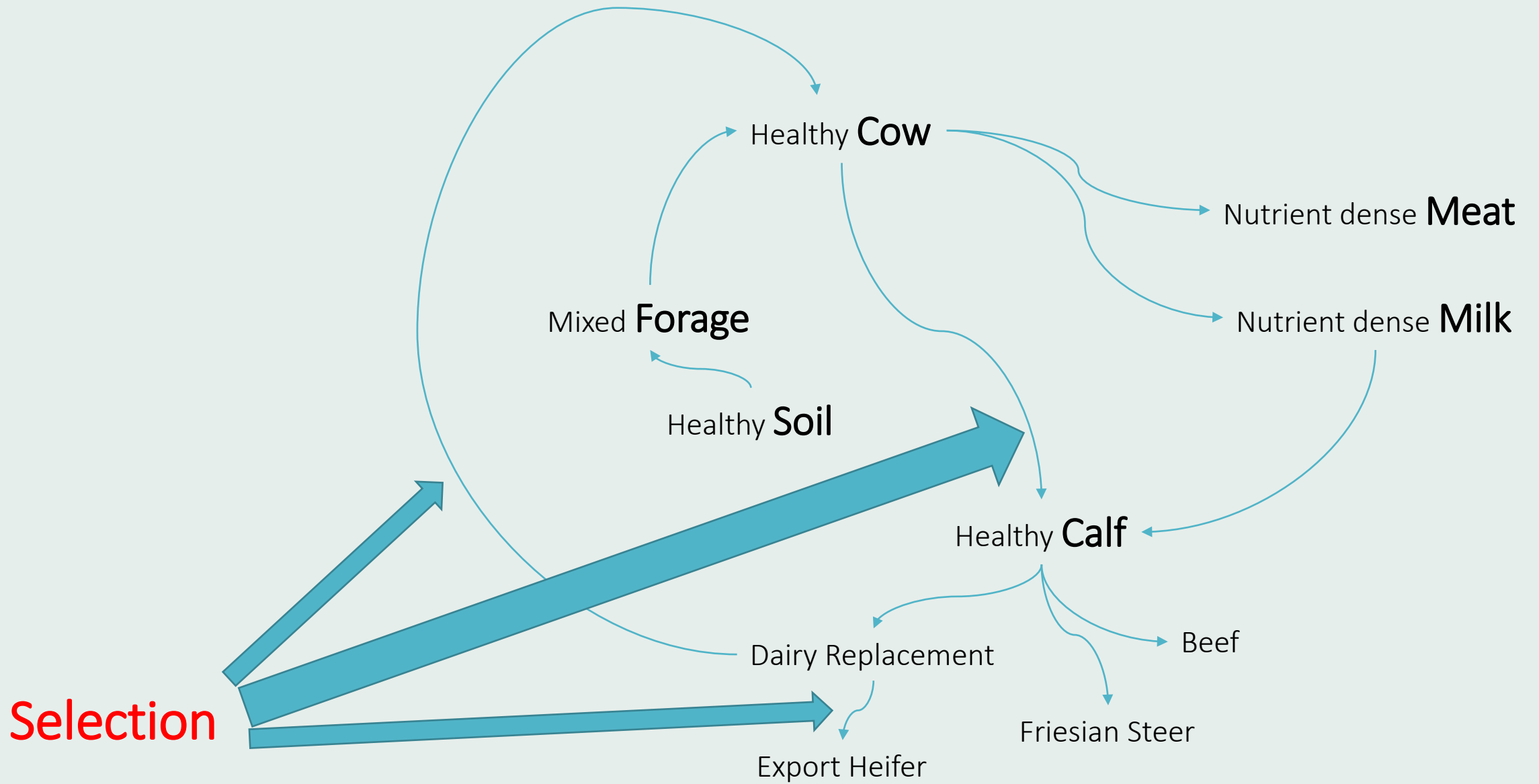
This is Genetic
Improvement,
Selection Pressure
and Preventative
Health working
together!

Dairy bull calves & stillbirths

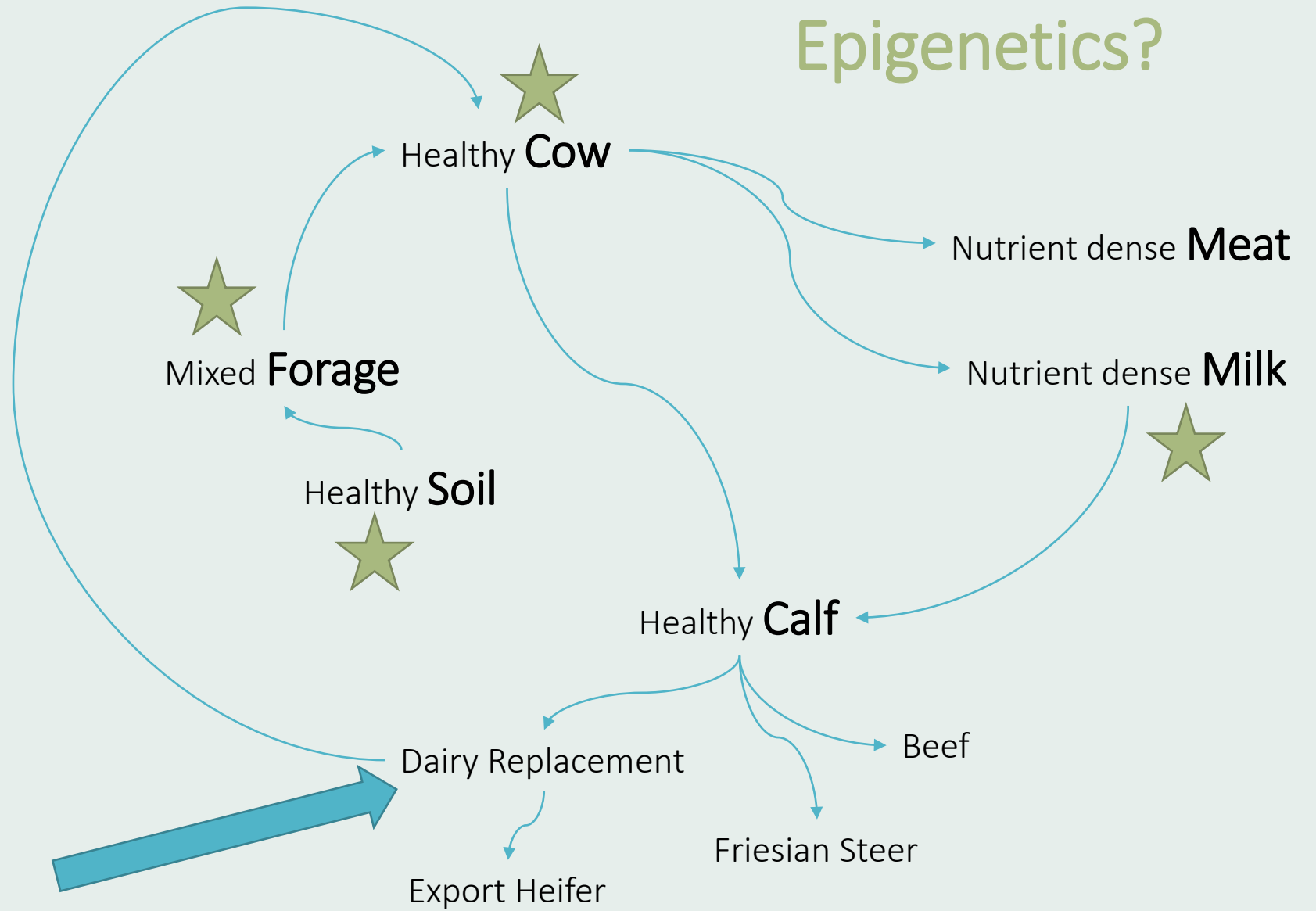
Season	Calf average sale price	
2016	\$63.08	
2017	\$88.71	
2018	\$92.53	
2019	\$66.75	
2020	\$69.65	
2021	\$71.31 (beef calves reared)	
2022	\$293.04	
2023	\$246.30	







Genomics



Cde	CPI	^
	97	
D4	88	
D4	100	
D4	89	
D4	105	
D4	103	
D4	97	
D4	101	
D4	99	
		>

SCC	^
64	
83	
26	
25	
20	
20	
17	
46	
12	
15	
13	
69	
18	
20	
17	
27	
21	
16	
155	
92	
81	
105	
77	
135	
100	
172	



3651

11 years old

Never been lame

Calved every year

Sound cow!

