



I  BACON

Elite management  
in the farrowing unit

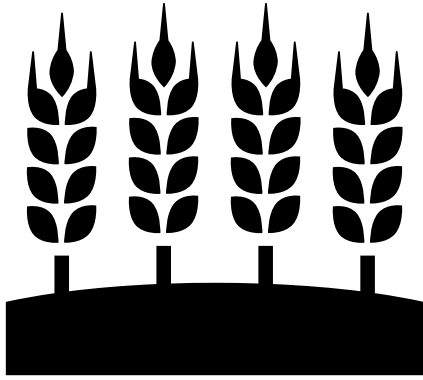
or Knudsen  
Landbrug



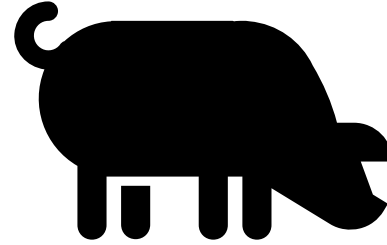
# The Family business

- Peter “and his 3 sons, + one adopted”
  - Kim joined in 2008
  - Knud joined in 2015
  - Anders joined in 2016 (Sonnerupgaard)
  - Jonas joined in 2019

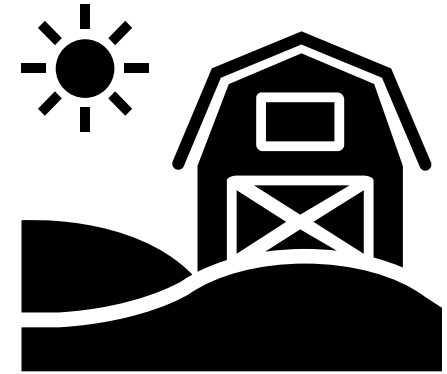




8 ha til 1400 ha  
(Own 2.300ha)



80 søer to 9.700



1 farm til 25+

# History

**1982 First Farm**

**1986 Second Farm**

1993

**1996 Sonnerup gård**

2006

**2008 Allindemagle**

2010

2013

2015

**2019 Give**

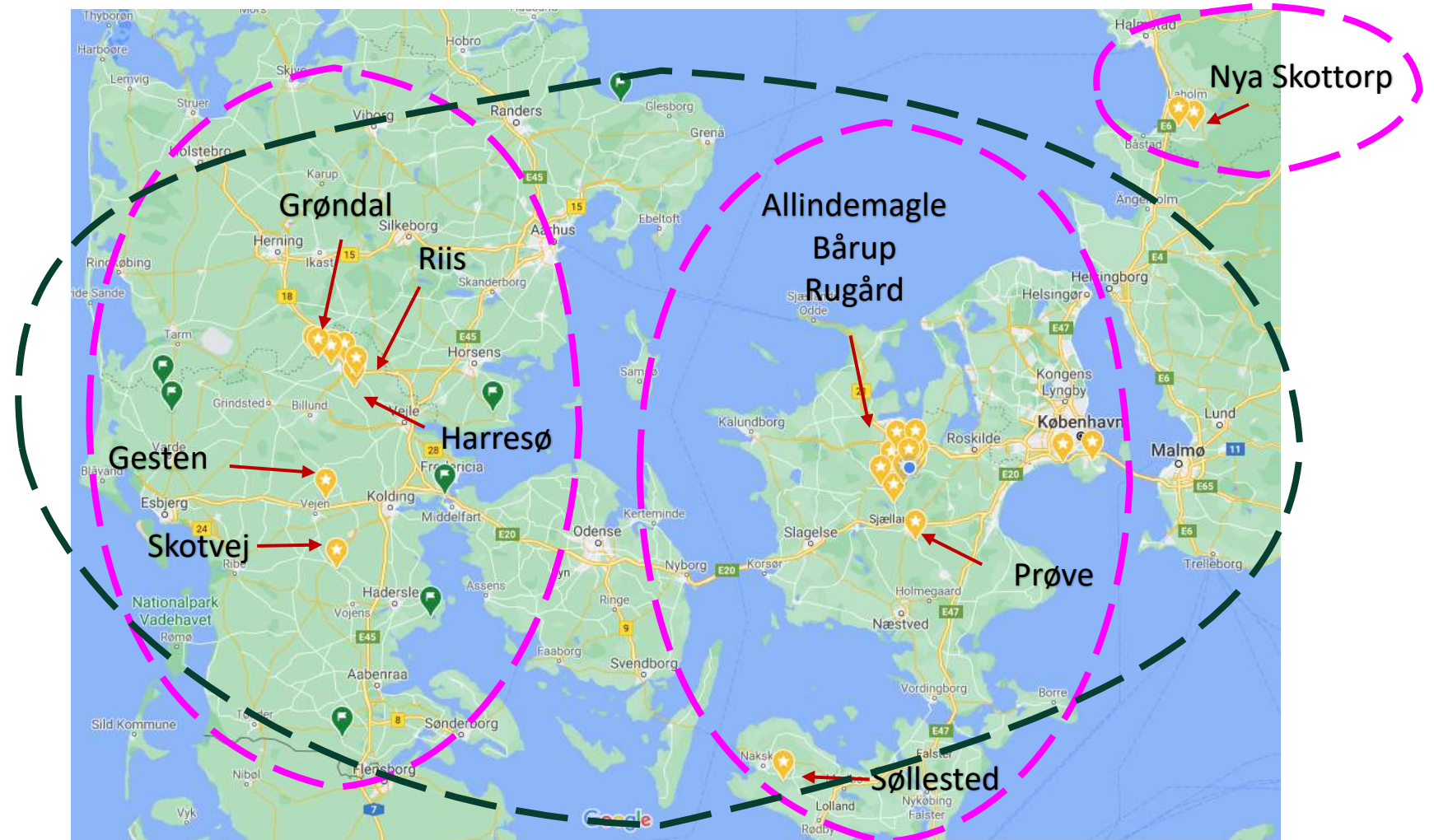
2023

2024

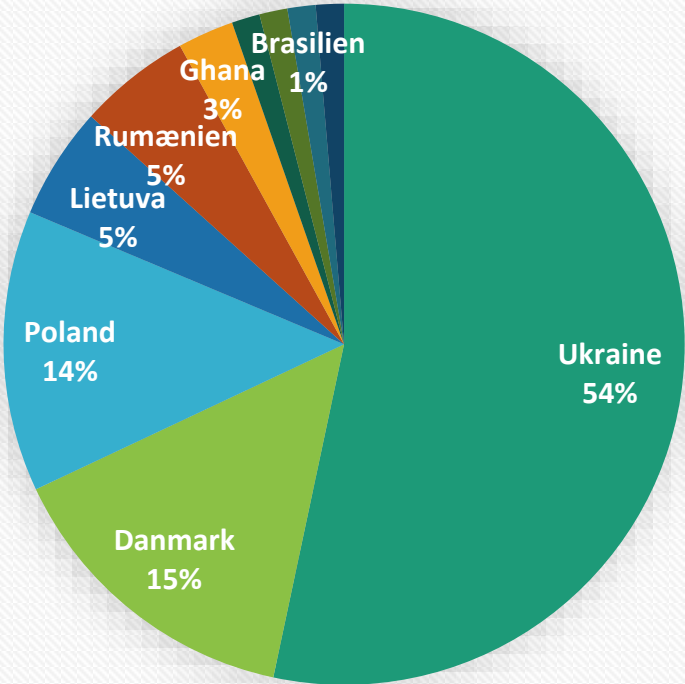


# Kjær Knudsen

- DK-East pigs
  - 3,600 sows
  - 200,000 finishers
  - On 13 locations
- DK-West pigs
  - 5,000 sows
  - 180,000 piglets
  - 8,000 finisher
  - 7,000 LY breeding
  - 12 locations
- SE pigproduction
  - 1,100 sows
  - 30,000 finishers
  - On 3 locations
- Fields (DK) 1,936 ha
  - Own 2,300 ha
  - Feed production
  - 6 crops rotation + maiz

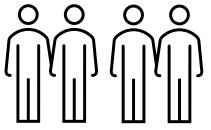


# International team



- Ukraine
- Danmark
- Poland
- Lietuva
- Rumænien
- Ghana
- Filippinerne
- Moldova
- Brasilien
- Grækenland



95 

# Backoffice

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- Yana  
HR-manager og Data

- Employees
  - Make contracts
  - Visa applying
  - Registration in Denmark
  - Open bank account
  - Taxcard
- Medicine courses
- Hygiene courses
- Cloudfarms support

- PA Kim



- Rasma  
Accountant

- Bookkeeping
  - Kjær Knudsen Give
  - Lunderød
- Internal invoicing
- External invoicing

- PA Peter
- PA Knud



- Nataliia  
HR, PA

- Genetics responsible
- Back office
- Cloudfarms support
  
- PA Jonas

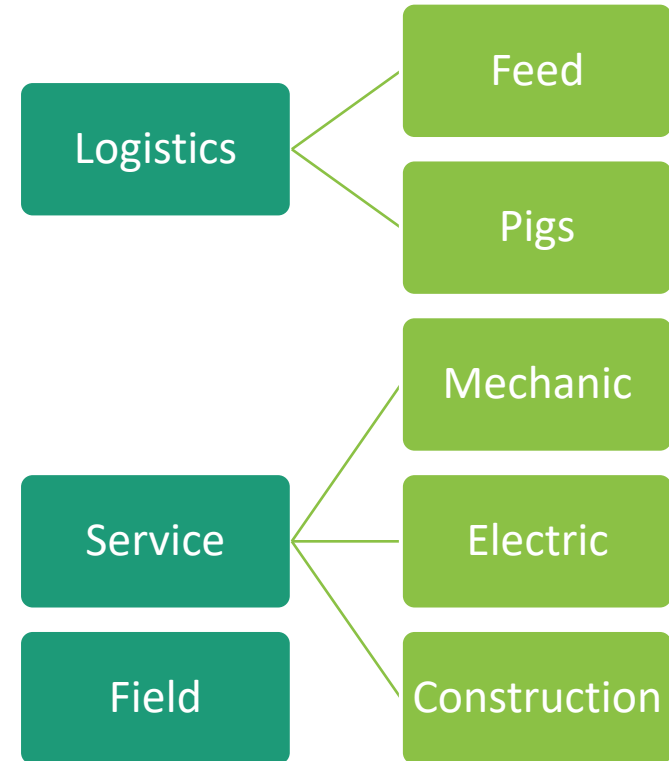






- “24/7 service”
- High service standard
- = high efficiency
- Low costs

## In-house “departements”



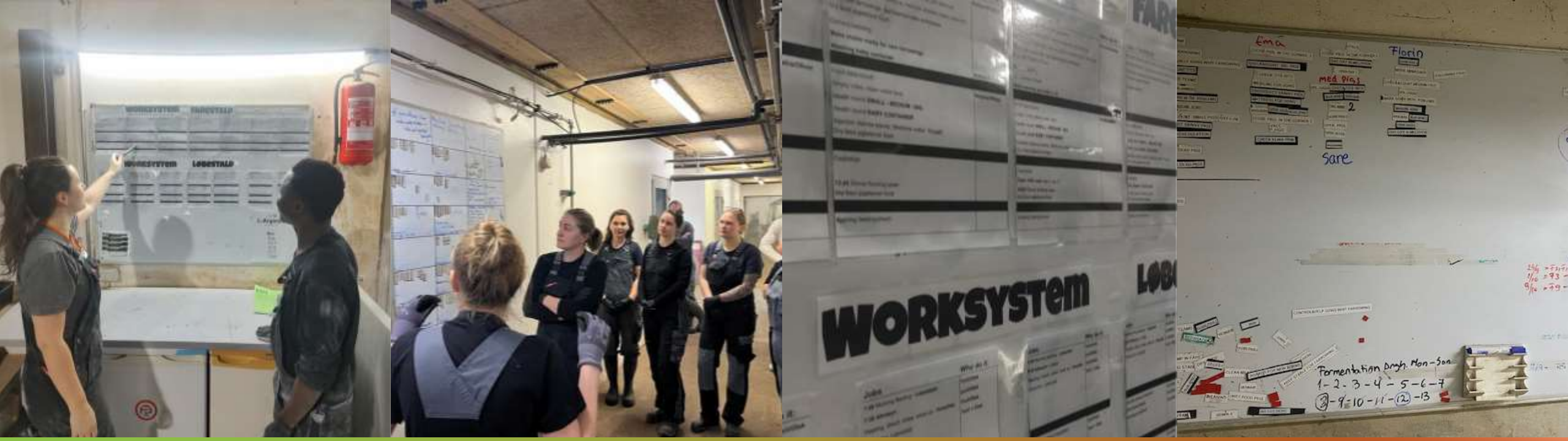
How we make  
good results in  
farrowing unit

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Morning - Board meeting





# DAILY SCHEDULE

## Monday (farrowing department)

- 7:00 -  
1:00
- trough cleaning, +salt in farrowing room
  - milk system cleaning
  - food checking (**regulating the amount of food and closing newborn groups**)
  - controlling of births:
    1. inspection of sows,
    2. medicine for sows ( painkiller and oxytocin),
    3. temperature measurement in sows after farrowing (**if higher 39.3°C-medicine**)
    - 4.recording of newborns)
  - checking of feeding sows + diseases (**inject medicine if needed**)
  - ~~Vircon~~- spraying on piglets (**from small to big**)
  - ~~neomay~~ water for diarrhea team
  - weaning of piglets
  - planning of Amme-so and Mellem-so groups
  - feeding piglets (**from 10 days old**)

0-  
0

coffee time )))

- washing rooms and corridors after weaning
- treatment of newborn piglets (routine)
- trough cleaning, + soya for skinny sows
- make Amme-so and Mellem-so groups, mixing newborn piglets
- castration (**we skip weak and groups with diarrhea**)
- feeding piglets (**from 10 days old**)

coffee time )))

- food checking (**closing newborn and fresh groups**),
- checking **small** piglets ( disinfection in the corner if necessary)
- checking **medium** piglets( disinfection in the corner if necessary)
- checking **big** piglets
- inspection of farrowing sows**
- straw
- feeding piglets (**from 10 days old**)

ing :

Name:

d fresh groups,  
(**10 days old**)

# CF- Target Screen

## Harresøholm

	Тиждень 37	Тиждень 38	Тиждень 39	пн	вт	ср	чт	пт	сб	нд	Тиждень 40	Мета
Осімінено [№] / Løbninger [#]	46	50	44	3	0	1	0	0	0	0	4	43
Повторне запліднення [#] / Omløbninger [#]	0	2	1	0	0	0	0	0	0	0	0	
Осімінено ремсвинок [№] / Polte løbet [№]	1	0	3	0	0	0	0	0	0	0	0	10
Породисті [#] / Renløbning [№]	0	0	0	0	0	0	0	0	0	0	0	
Перехресне осіменіння [№] / Krydsløbning [№]	46	50	44	3	0	1	0	0	0	0	4	
Опороси / Faringer [#]	48	42	46	5	9	11	12	0	0	0	37	39
Живонароджених на опорос [№] / Levende fødte pr kuld [#]	19,9	20,1	20,5	18,6	21,7	19,9	20,9				20,5	18,0
Мертвонароджені на опорос [№] / Dødfødte pr kuld [#]	1,2	1,3	0,9	0,2	0,6	0,5	1,1				0,7	1,3
Поросята для розведення [#] / Pattegrise til avl [#]	0	0	0	0	0	0	0	0	0	0	0	
Опоросів від свинок 1 опоросу [#] / 1. lægs, faringer [№]	9	9	9	1	1	2	2	0	0	0	6	
Живонароджені на 1-й опорос [№] / 1. lægs, levn. fødte/kuld [№]	19,4	19,2	18,6	18,0	20,0	16,5	17,0				17,5	17,0
Відлучено свиноматок [№] / Fravænnede kuld [№]	46	46	44	0	0	0	0	0	0	0	0	
Кількість відлучених поросят [#] / Fravænnede smågrise [#]	855	824	830	14	44	58	59	0	0	0	175	637
Метрві свиноматки, осімінені і неосімінені ремсвинки [№] / Døde søer, gylte og avlsdyr [№]	1	2	2	4	0	1	1	0	0	0	6	
Мертві поросята до відлучки [№] / Reelev døde pattegrise før fravæanning [№]	81	81	89	10	14	18	12	0	0	0	54	10
Мертві поросята [№] / Døde frav. pattegrise [№]	0	0	0	0	0	0	0	0	0	0	0	
Дорощування: Падіж дорощування [№] / Smågrise: Døde smågrise [№]	44	46	31	9	6	5	3	0	0	0	23	
Відгодівля: Падіж відгодівля [№] / Slagtegris: Døde sl. svin [№]	0	0	0	0	0	0	0	0	0	0	0	
PSY	44,7	41,1	45,0									40,0
Dead %	8,49	9,57	9,45	10,75	7,18	8,22	4,78				7,12	10,00



Тиждень 37	Тиждень 38	Тиждень 39	пн	вт	ср	чт	пт	сб	нд	Тиждень 40
46	50	44	3	0	1	0	0	0	0	4
0	2	1	0	0	0	0	0	0	0	0
1	0	3	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0
46	50	44	3	0	1	0	0	0	0	4
48	42	46	5	9	11	12	0	0	0	37
19,9	20,1	20,5	18,6	21,7	19,9	20,9				20,5
1,2	1,3	0,9	0,2	0,6	0,5	1,1				0,7
0	0	0	0	0	0	0	0	0	0	0
9	9	9	1	1	2	2	0	0	0	6
19,4	19,2	18,6	18,0	20,0	16,5	17,0				17,5
46	46	44	0	0	0	0	0	0	0	0
855	824	830	14	44	58	59	0	0	0	175
1	2	2	4	0	1	1	0	0	0	6
81	81	89	10	14	18	12	0	0	0	54
0	0	0	0	0	0	0	0	0	0	0
44	46	31	9	6	5	3	0	0	0	23
0	0	0	0	0	0	0	0	0	0	0
44,7	41,1	45,0								
8,49	9,57	9,45	10,75	7,18	8,22	4,78				7,12

# High quality of gilts, to become World champion sows in the farrowing unit

- Our Gilts recruitment
  - Danbred Genetic
  - Socialization of gilt, "anti-bullying"
  - Heat sync. – Altresyn (after 1. heat)
  - Treat her like a princess
  - Legs, teats and posture are more important than index
- Insemination gilts
  - 32-35 weeks
  - +140kg
  - +14mm backfat
- Make your weekly team similar, with good gilt-management, Altresyn Gold



Gruppe	Fra dato	Til dato	Total løbet	Løbende søer	Løbende polte	Gruppe	Fra dato	Til dato	Total løbet	Løbende søer	Løbende polte	Omløbninger	Forventet faring	Faringer	Successforholdet
15	08.04.2024	14.04.2024	104	68	30	9	26.02.2024	02.03.2024	45	38	7	0	0	44	97,78
16	15.04.2024	21.04.2024	106	69	36	10	04.03.2024	10.03.2024	45	29	16	0	0	44	97,78
17	22.04.2024	27.04.2024	105	59	40	11	11.03.2024	17.03.2024	44	31	11	0	0	42	95,24
18	29.04.2024	04.05.2024	105	74	30									42	95,45
19	06.05.2024	12.05.2024	106	73	32									41	93,18
20	13.05.2024	19.05.2024	104	66	32									44	100,00
21	20.05.2024	26.05.2024	103	76	25									44	95,65
22	27.05.2024	02.06.2024	103	66	35									45	97,83
23	03.06.2024	09.06.2024	107	71	30									43	95,56
24	10.06.2024	16.06.2024	106	71	30									43	97,73
25	17.06.2024	23.06.2024	104	69	31									50	94,34
26	24.06.2024	30.06.2024	104	76	25									52	100,00
27	01.07.2024	07.07.2024	104	77	21									46	92,00
28	08.07.2024	14.07.2024	105	75	24									47	94,00
29	15.07.2024	21.07.2024	101	79	19									36	96,00
30	22.07.2024	28.07.2024	101	77	22									0	95,56
31	29.07.2024	04.08.2024	101	73	26									0	95,35
32	05.08.2024	10.08.2024	104	78	21									0	93,18
33	12.08.2024	18.08.2024	105	67	30	27	01.07.2024	06.07.2024	43	43	0	0	43	0	100,00
34	19.08.2024	25.08.2024	106	73	30	28	08.07.2024	13.07.2024	43	41	2	0	42	0	97,67
35	26.08.2024	01.09.2024	106	86	17	29	15.07.2024	21.07.2024	43	39	4	0	43	0	100,00
36	02.09.2024	08.09.2024	106	81	23	30	22.07.2024	28.07.2024	43	37	4	2	40	0	93,02
37	09.09.2024	15.09.2024	108	80	25	31	29.07.2024	04.08.2024	43	39	4	0	41	0	95,35

## Altresyn Gold

- 4 weeks before insemination
  - Find number of weaning sows and slaughter sows (+Dead)
- When you know your nr. of weaning sows you can fill the weekly Team with Gilts.
- The Gilts are put on Juice and Altrasyn and are then ready for insemination 4 weeks later.
- This is how we make our weekly team the same.



# “The first 3 days before and after farrowing”

- **Before:**
- Treat the sow as a Princess
  - She must come to a nice facility, dry pen with straw
  - Feed rich on fibre, around 4 FE
    - 3 FE Weetfeed (high on fiber)
    - 0,5 kg Danboost (low)
    - 1 L fermented feed (Weda)
  - **20-30 g** Glaubersalt (gives soft faeces)
  - Fresh Water
  - Check the floor heating
  - Turn on lamps 1-2 days before farrowing
- Good observation during farrowing
  - We say max 30 min. between pigs





# After Birth

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- Healthy sow after birth (temp. on all) < 39,5
  - Pain Killer
  - Oxy 2 ml.
- Healthy piglets (***Pigs is a mirror of the sow***)
  - Colostrum and heat (Corner temp. 34-37C) important the first 24 hours for all pigs
  - Cut Umbilical cord 3 cm, (hot knife)
  - Colostrum also enough for the smallest piglet, (Split-milking, next Slides!)
    - Colostrum = Power to Survival
  - Normal pigs 15-20 min. in the corner until they sleep
  - Booster to small
  - Umbilical infection - Antibiotics
- Reduction, +1 for sows and +2 to gilts (counting teats)
- Pigs under 1000g. are selected out for special foster sow
- Milk supply from day 1 (approx.)

# How we make Split-milking

1. Make sure the piglets are warm
  1. Before and after split
  2. Make the split as short as possible
2. Make sure the milk is there when the piglets are there
3. Sow is given painkiller
4. Before feeding, the piglets are placed in the corner
5. The sow eats and lay down
6. 10-12 smallest piglets are placed by the udder
7. The sow is given 2 ml oxytocin
8. Piglets get milk for 10-15 minuts
9. Small piglets are placed back in the corner to have some heat (10-15 min)
10. Fast Split-milking gives us Results.





## Day 3- weaning

- Controls everything around the sow

- If the sow is well, so are the pigs
- Sick round, pigs
- Plus all the other stuff☺





## Feeding in Farrowing

- Feedcurve from day -3 to weaning
  - Sows one Curve (max 9,5 FE)
  - Gilts one Curve (max 9 FE)
  - Pigs dry feed from day 5 to weaning, small amount but many times pr. day
  - Pigs wetfeed for day 10-12 to weaning, 3-4 times pr. day
  - Nurse sow gets fed after age of pigs





Pictures from stable



# Water

Stald	Water Tap Icon	Water Consumption	Red Triangle Icon	Triangle Value
Stald 1	Water Tap	30		
Stald 2	Water Tap	40	Red Triangle	21
Stald 3	Water Tap	40	Red Triangle	15
Stald 4	Water Tap	50	Red Triangle	13
Stald 5	Water Tap	12	Red Triangle	2
Stald 6	Water Tap	11	Red Triangle	7
Stald 7	Water Tap	12	Red Triangle	6
Stald 8	Water Tap	11	Red Triangle	4
Stald 9	Water Tap	12	Red Triangle	6
Stald 10	Water Tap	12	Red Triangle	8
Stald 11	Water Tap	12	Red Triangle	8
Stald 12	Water Tap	12	Red Triangle	4

Dag i forhold til faring	Behandlet		Ikke behandlet		Behandlet		Ikke behandlet	
	N <sup>1</sup>	Vandforbrug (L/so/dag)	N <sup>1</sup>	Vandforbrug (L/so/dag)	N <sup>1</sup>	Vandforbrug (L/so/dag)	N <sup>1</sup>	Vandforbrug (L/so/dag)
-4	3	23 (16-28)	129	13 (10-18)	42	8 (5-14)	240	9 (6-13)
-2	5	18 (11-29)	132	20 (15-28)	43	16 (10-20)	239	14 (8-21)
0	5	13 (7-13)	130	14 (12-18)	46	8 (3-19)	250	6 (2-11)
2	6	16 (15-21)	135	19 (14-24)	45	11 (7-20)	252	11 (7-17)

<sup>1</sup>Antal kuld

Seges(Erfaring)

Nr. 2303

<https://ilk.dk/brheux>





## Fermented feed

- For sows, 1L every day one week before farrowing to 3 days after
- For pigs, 5L mixed with 50L wetfeed (from day 10 to weaning)



# Every week

One-pager (all farms together)

- KPI from last week and an average for the last 4 weeks

Farmsmanager week-report

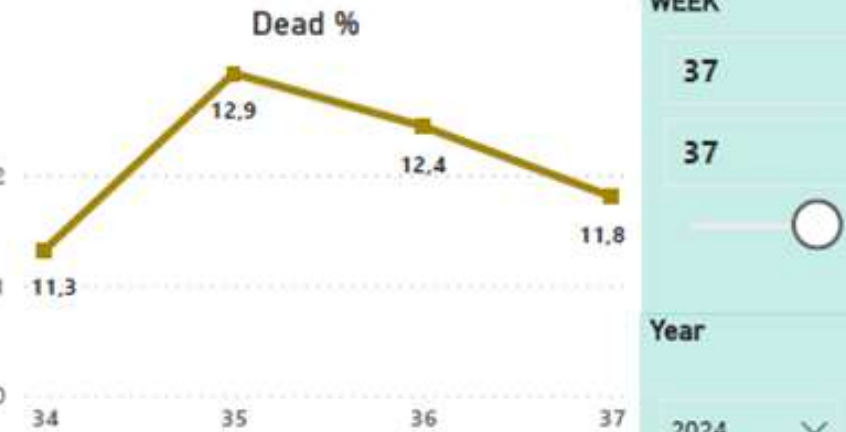
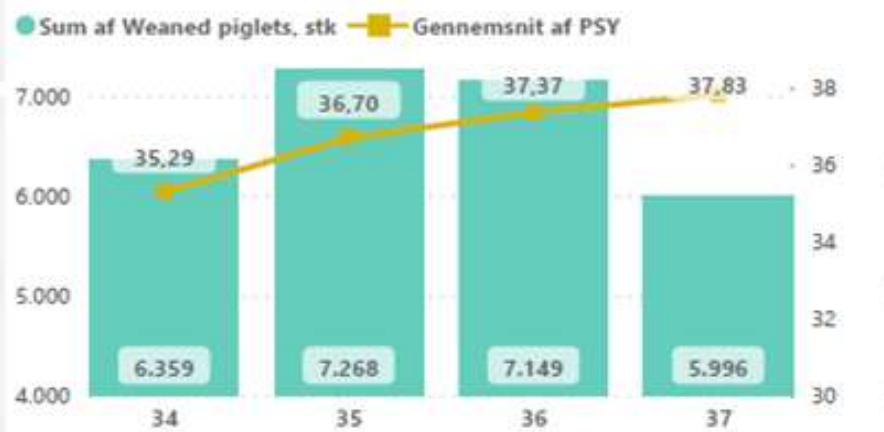
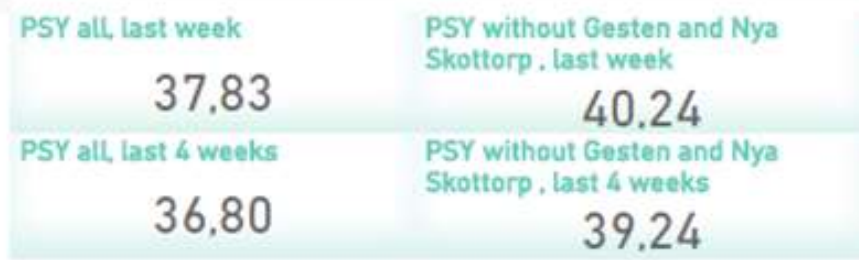
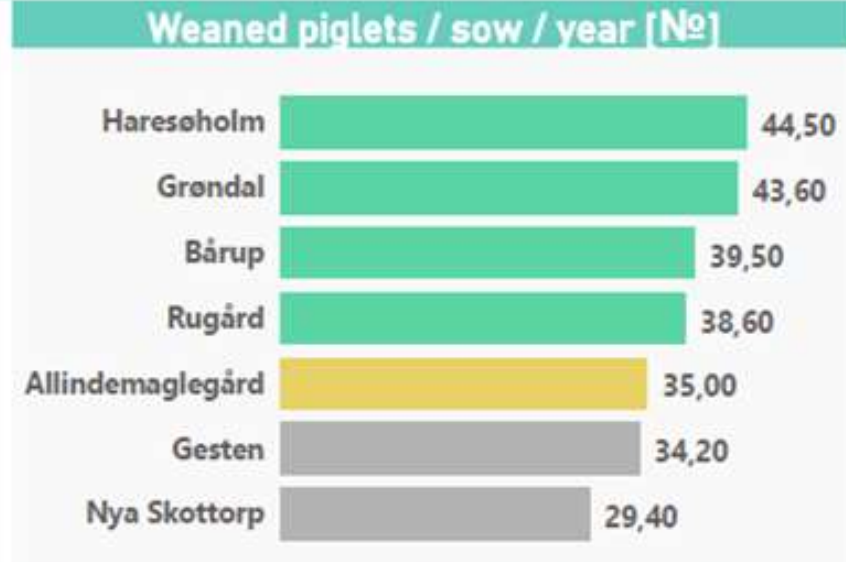
- Last week's result for the individual farm, is commented on, by the farm manager, and sent around to all other managers and owners





# RESULTS ALL. WEEK 37

Farm	Sum af Weaned piglets, stk	Goal	Implement. plan %
Allindemaglegård	1.130	1.210	93 %
Bårup	998	854	117 %
Gesten	301	343	88 %
Grøndal	1.620	1.494	108 %
Haresøholm	852	605	141 %
Nya Skottorp	703	700	100 %
Riis		828	
Rugård	392	440	89 %
<b>Total</b>	<b>5.996</b>	<b>6.474</b>	<b>93 %</b>



WEEK: 37

Year: 2024



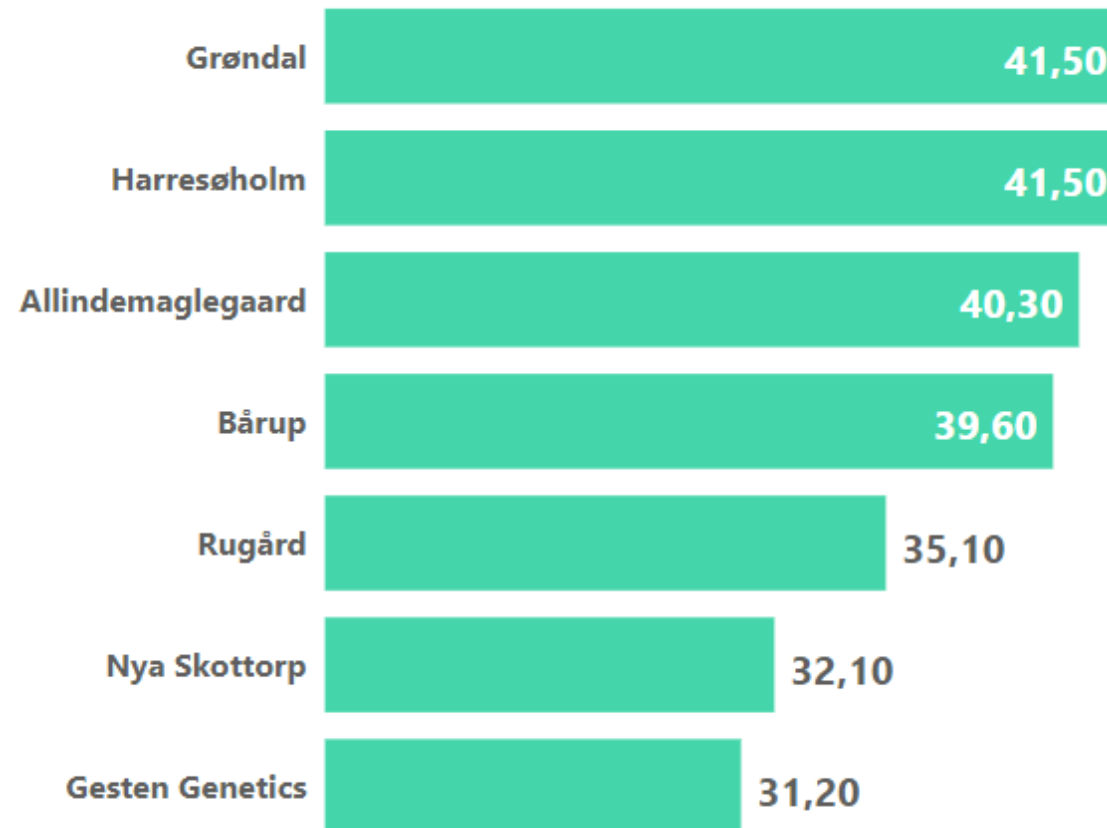
## Q-meeting

- Motivation and results
- Online every quarter



# This quarter's winners , PSY

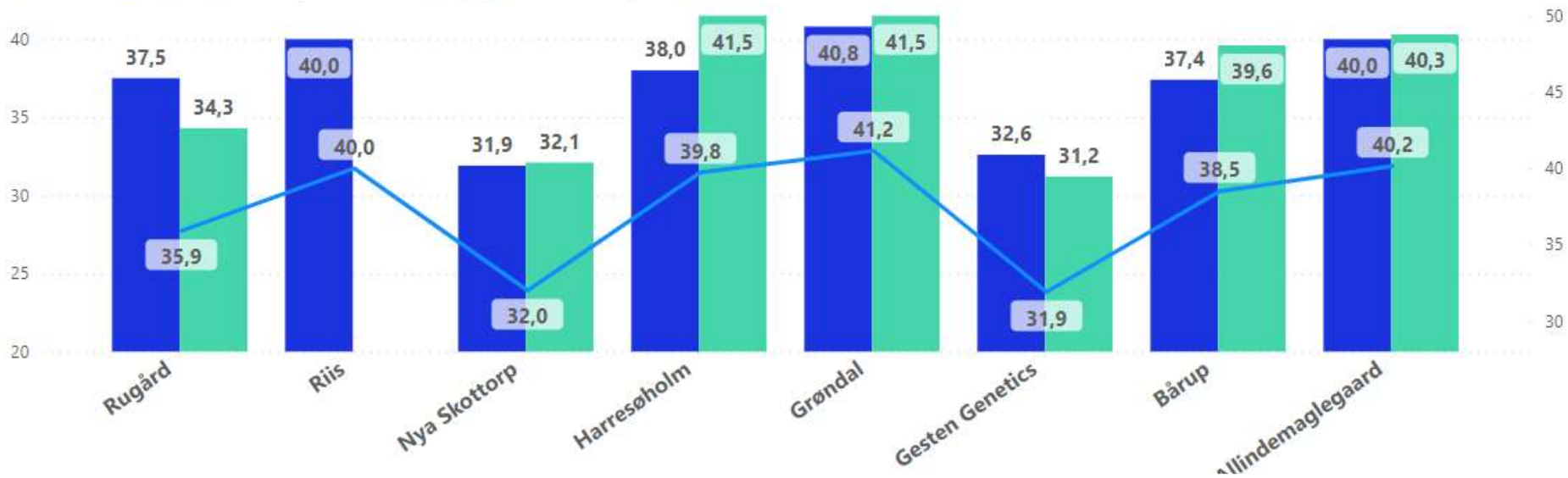
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# SOWS Q3. WEANED PIGLETS/ SOW / YEAR [stk.] PSY. Відлучені поросята на свиноматку/рік [штук]

Year  
2024

Quarter ● 2 ● 3 ● Average of Weaned piglets / sow / year [№]

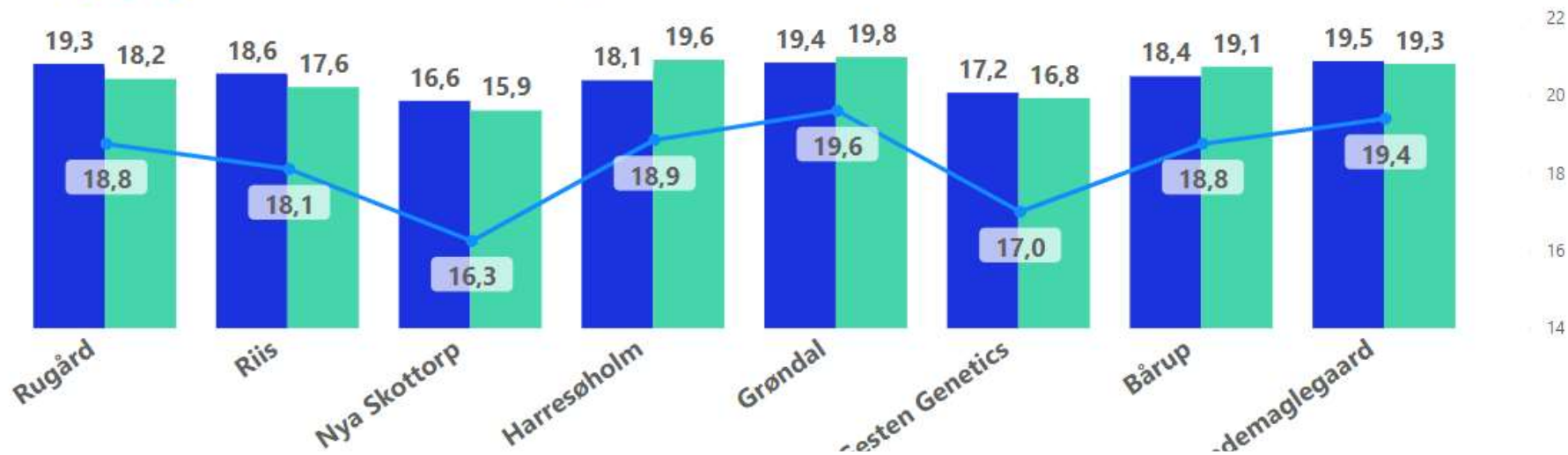


### SOWS Q3. LIVEBORN PER LITTER [stk.]. Живонародженні поросята на опорос [штук]

Year

2024

Quarter ● 2 ● 3 ● Average of Liveborn per litter [№]



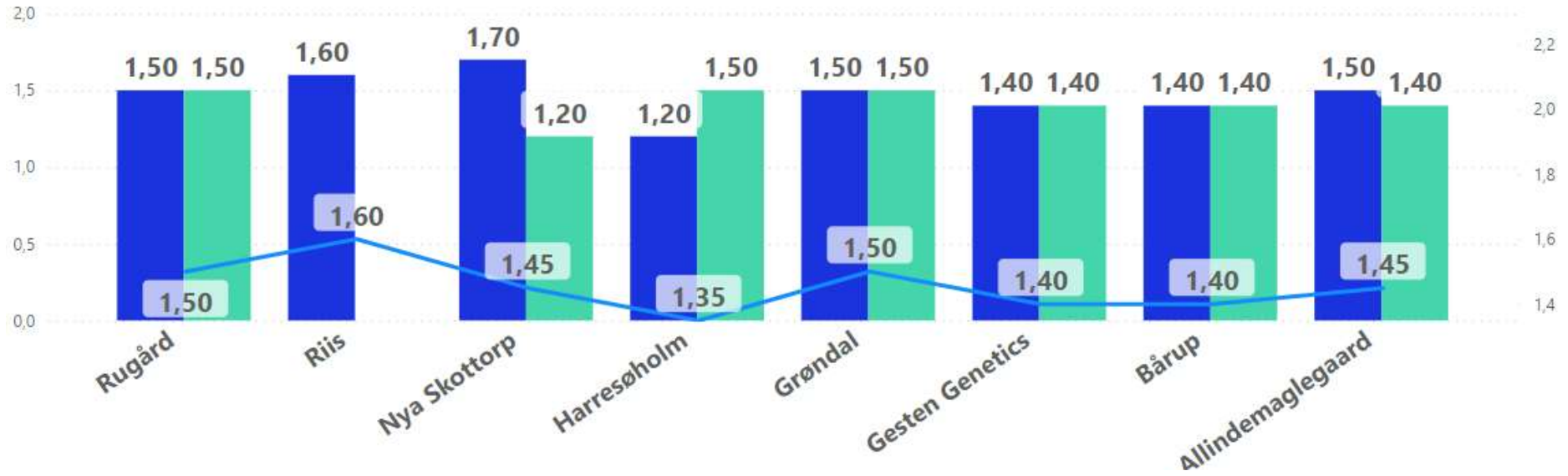


### SOWS Q3. STILLBORN PR LITTER (#). Мертвонародженні [штук]

Year

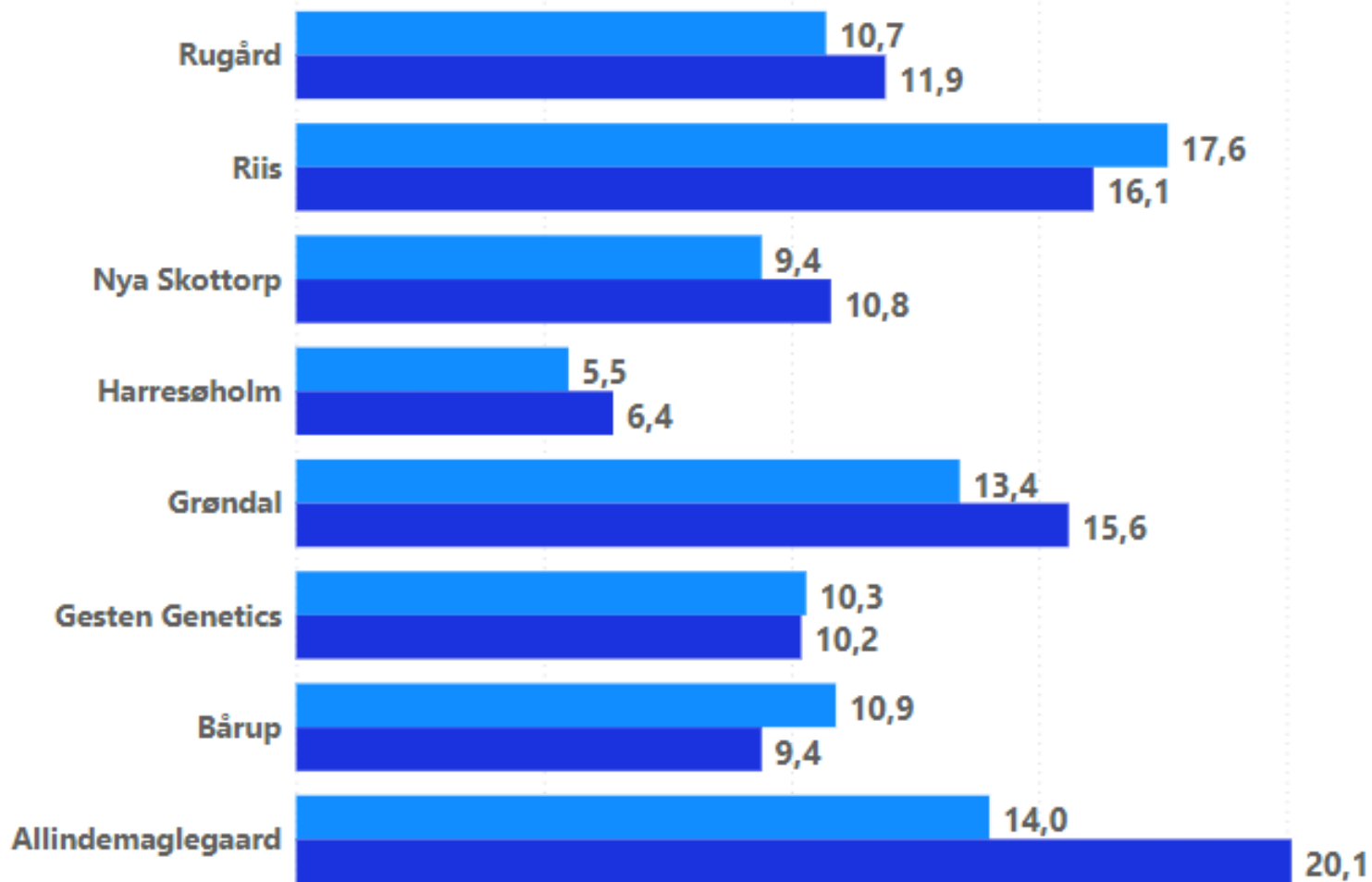
2024

Quarter ● 2 ● 3 ● Average of Stillborn per litter [№]


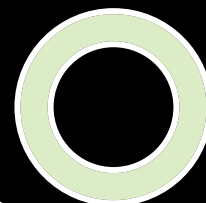



*Sows mortality rate [%], % смертність свиноматок*

Quarter ● 1 ● 2



Rugård average valued	11,30
Riis average value	16,85
Nya Skottop average value	10,10
Harresøholm average value	5,95
Grøndal average value	14,50
Gesten average value	10,25
Bårup average value	10,15
Allindemagle average value	17,05



IT and Technology  
Helps us to make  
results every day!

- <https://pigs.cloudfarms.com/>
  - <https://teknik-partner.dk/intelligent-varmestyring-vandforbrug/>
  - <https://danbred.com/da/manuals/>
  - <https://www.iqinabox.com/pigs365>
  - <https://www.segesinsight.dk/>
  - [https://svineproduktion.dk/Viden/Paa-kontoret/Love-regler-og-standarder/Danish\\_boksen](https://svineproduktion.dk/Viden/Paa-kontoret/Love-regler-og-standarder/Danish_boksen)
  - <https://danishagro.dk/foder/siloinsite>
- Thanks to Anne Wolfenberg from Effektiv Landbrug to be allowed to use the fotos







## Kjær Knudsen ERFA-groups

Farm manager  
Farrowing unit  
Growth







# WE ARE FAMILY

- Summerparty



- Harvest party



# Christmas dinner



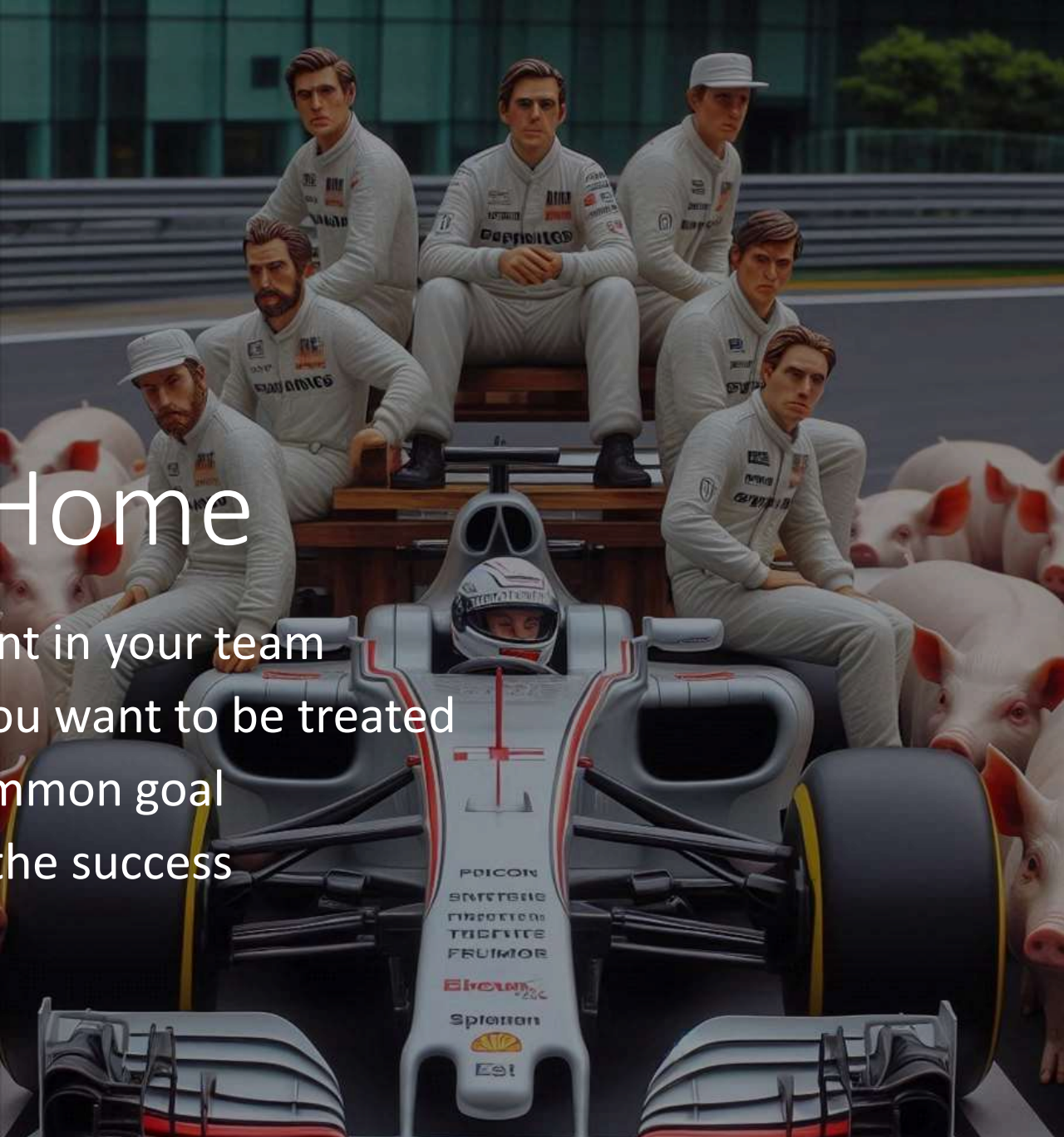
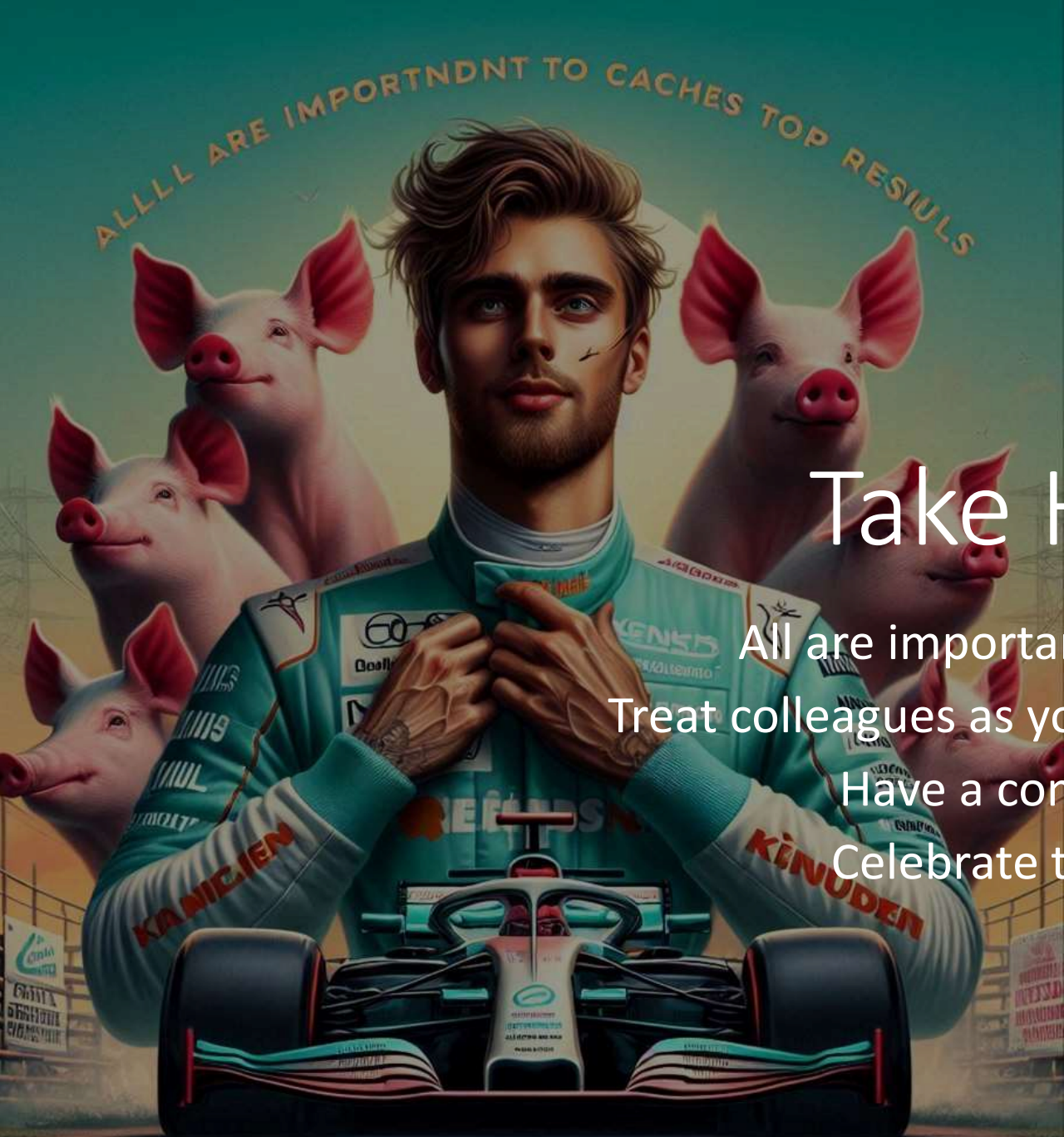


# Our YouTube star

- *Bondemaan & co.*







# Take Home

- All are important in your team
- Treat colleagues as you want to be treated
- Have a common goal
- Celebrate the success





## Solutions to remember

Red numbers  
are not errors,  
but  
POSSIBILITIES

We all make mistakes

We can together

Maybe your  
colleague has  
a brilliant idea  
to solve a  
problem

Structure  
does, some of  
the work





**I**  **BACON**