

➤ Stimulation VS Heat Check

- Relation gilt-boar

Objective:
first heat at
175 days

➤ 150 days of age

➤ 2 times a day

- 10 to 15 min

➤ Record

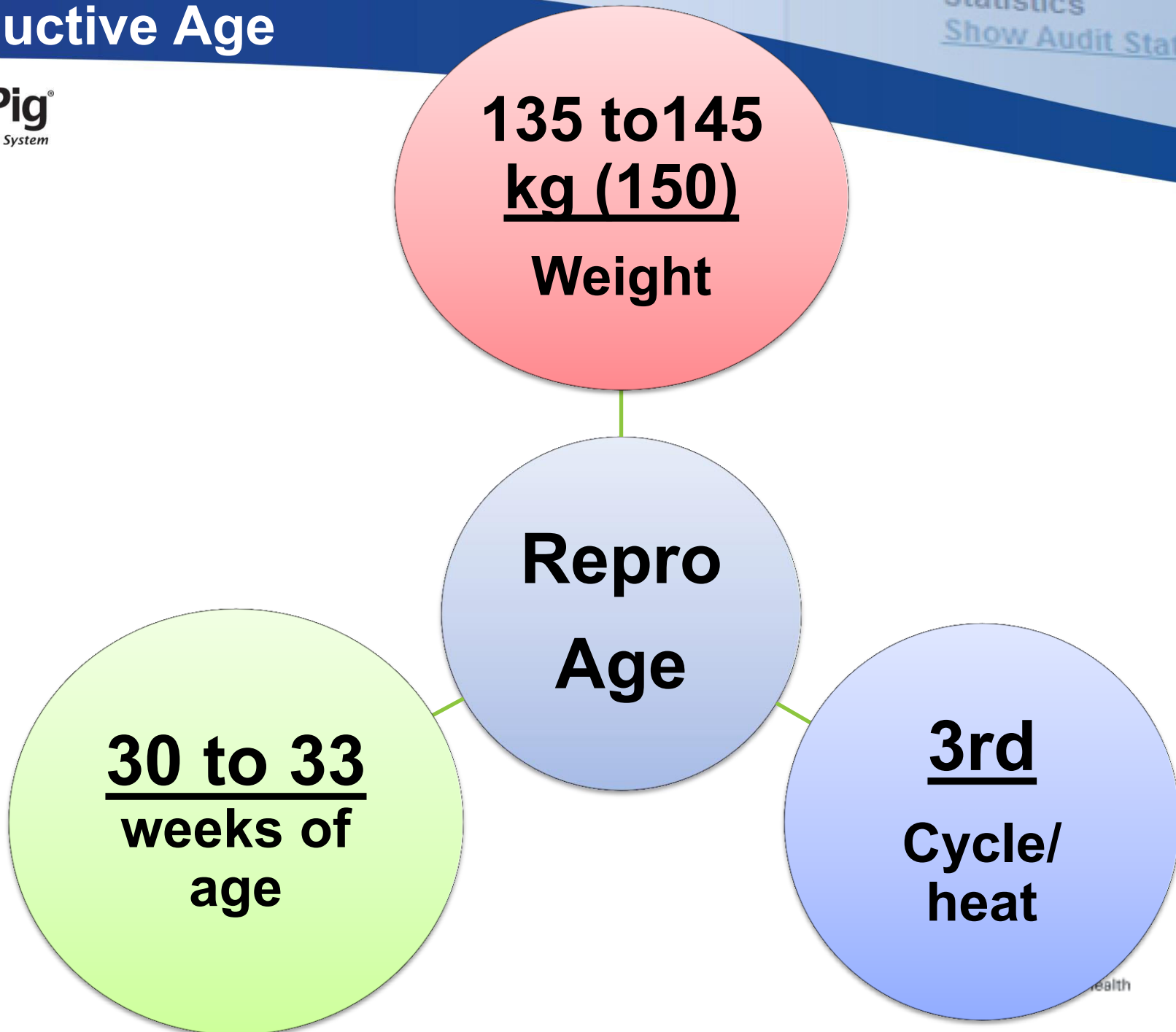
- Regularity



PG 600®

Induces Estrus

Reproductive Age



Minimal movement of the gilt

ReproPig®
Management System

European
Regulations??

Box
Until 2nd
heat

21 days (15)
before
insemination
Cage

A.I. cage

Until
echo-
check
(35d)



Regumate®

Synchronizes Estrus



Statistics
Show Audit Statis

How do you inseminate... am-pm



 **Heats in gilts are short**

 **Ovulation**

happens early

2 heat checks each day

Time	Day 1	Day 2
Morning (8am)	In heat	3rd A.I.
	1st A.I.	
Afternoon (4pm)	2nd A.I.	

Time	Day 1	Day 2
Morning (8am)		2nd A.I.
Afternoon (4pm)	In heat	3rd A.I.
	1st A.I.	

Parameters for Semen Doses

Type	Cervical
Volume (ml)	80- 120 ml (90 ml)
Concentration (mil/sperm/dose)	2.5 to 5.0 (3.5)
Duration for the application	5-10 min (8 min)
Boar presence /contact	Yes/Yes (one boar for 5 Sows)

RenroPia®

- 🌀 Less semen Doses = More Profitable
- 🌀 Less Boars = More efficient
- 🌀 ↑ Piglet development and growth
- 🌀 ↓ Variability in piglets
- 🌀 Reduction in None Productive Days
- 🌀 Less heat checking = Efficient use of the time

With less you do more..!!

**Last
application**



Porceptal®
Induces Ovulation



What's important?

TRAIT	TARGET	RELATIVE IMPORTANCE
Maximize feed intake prior first breeding	Do not limit feed intake. Allow them to eat as much as they can and plan for a minimum of 8 lbs/d (3.6 kg)	+++++
Body weight	300-320 lbs (136-145 kg)	+++++
ADG	1.5-1.7 lbs/d (0.68-0.77 kg/d) (birth-to-breeding) Less than 1.3 lb/d (0.59 kg) definitely limits reproductive performance. Anything beyond 1.8 lbs/d (0.82 kg) can be associated with lower lifetime performance.	+++++
Immunity level	Solid acclimation; 3 weeks from last vaccine or any other health procedure.	+++++
Selection	90%, to get rid of the bottom 10% of potential bad performers	+++++

GRAPH 1. TARGETED BREEDING GROUP STRUCTURE

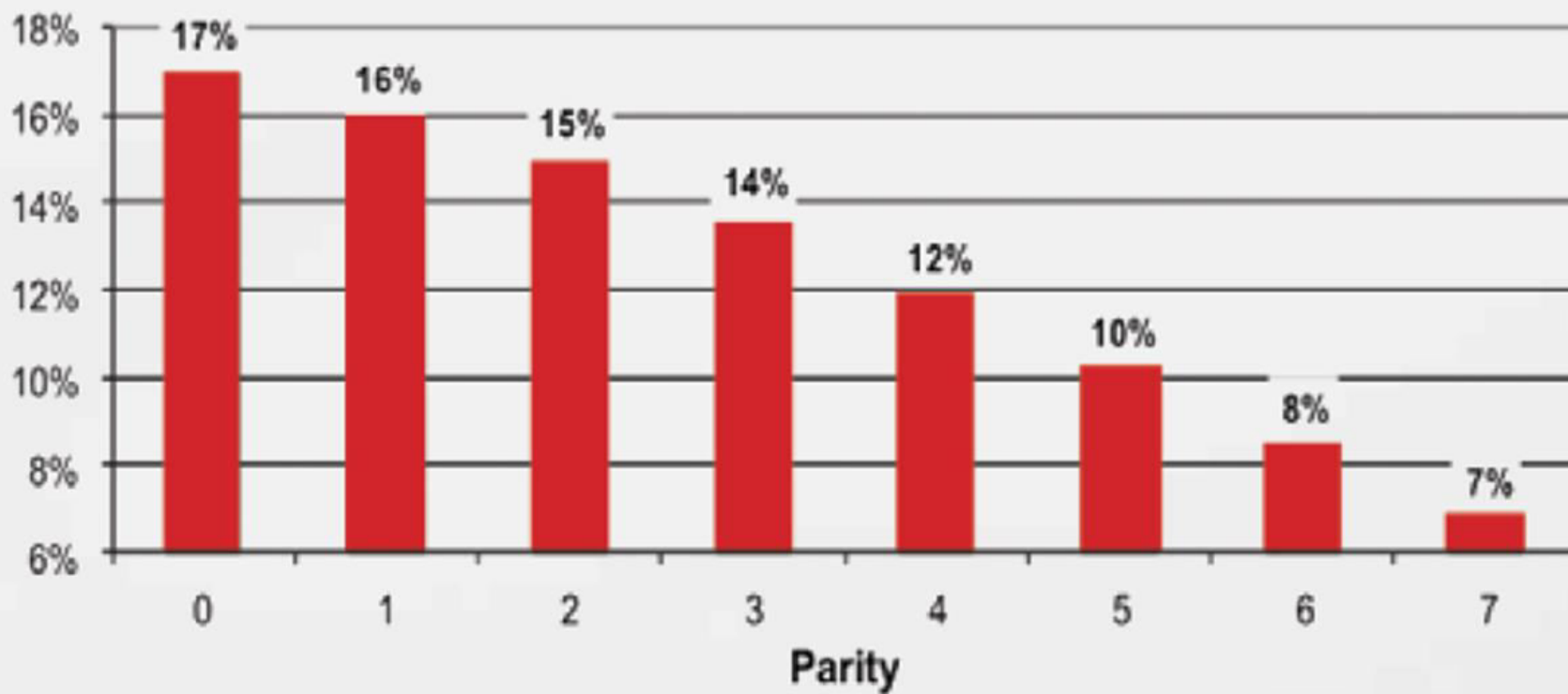
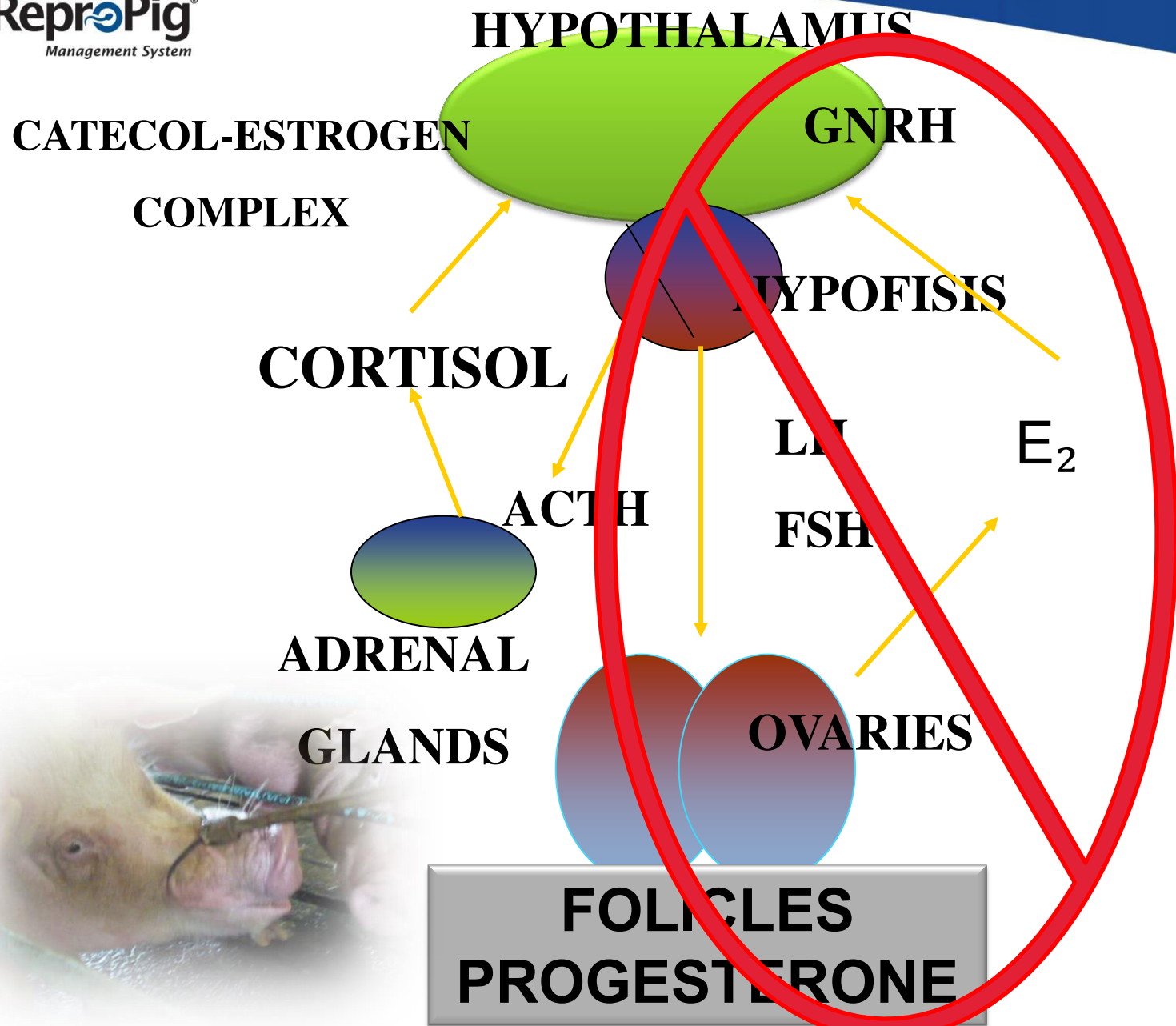


TABLE 6. FEMALE RETENTION TARGETS (FROM 100 BRED GILTS)

AGE/MILESTONE	RETAINED	% FROM PREVIOUS MILESTONE
First breeding	100	100%
First farrowing	>92	92%
Second farrowing	>85	92%
Third farrowing	>75	88%

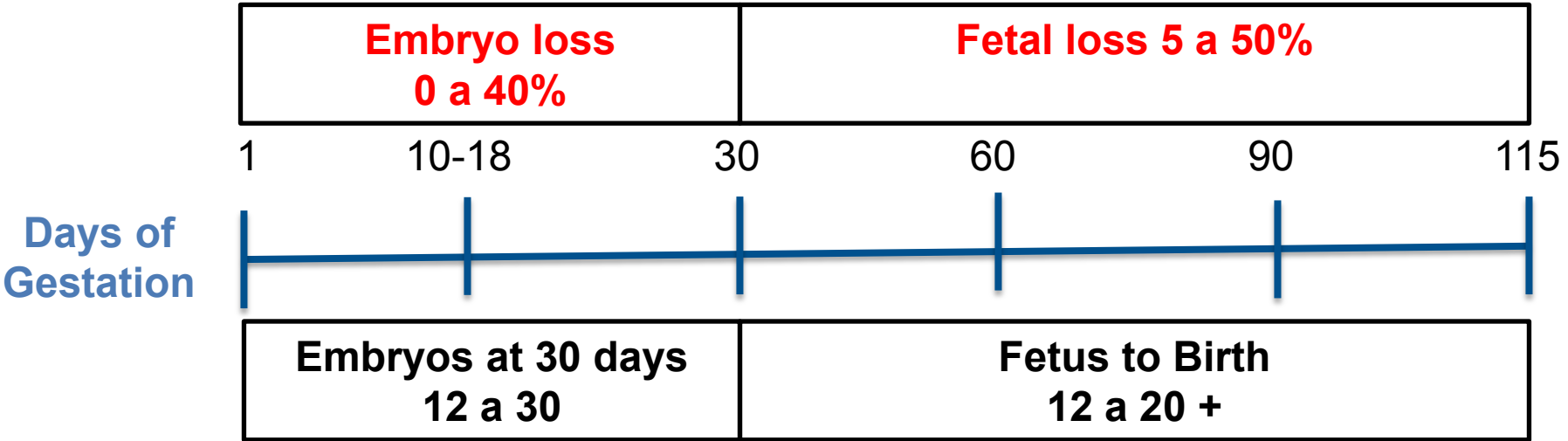
Lets Blame the Stress!!





Rate of ovulation 20-35 Ovulation

Piglets	→	20	16	14	13	8.45 = <u>8</u>
% of loss	→	-20	-15	-10	-35	40%



*Prenatal Loss = 18
Piglets*



What to expect???

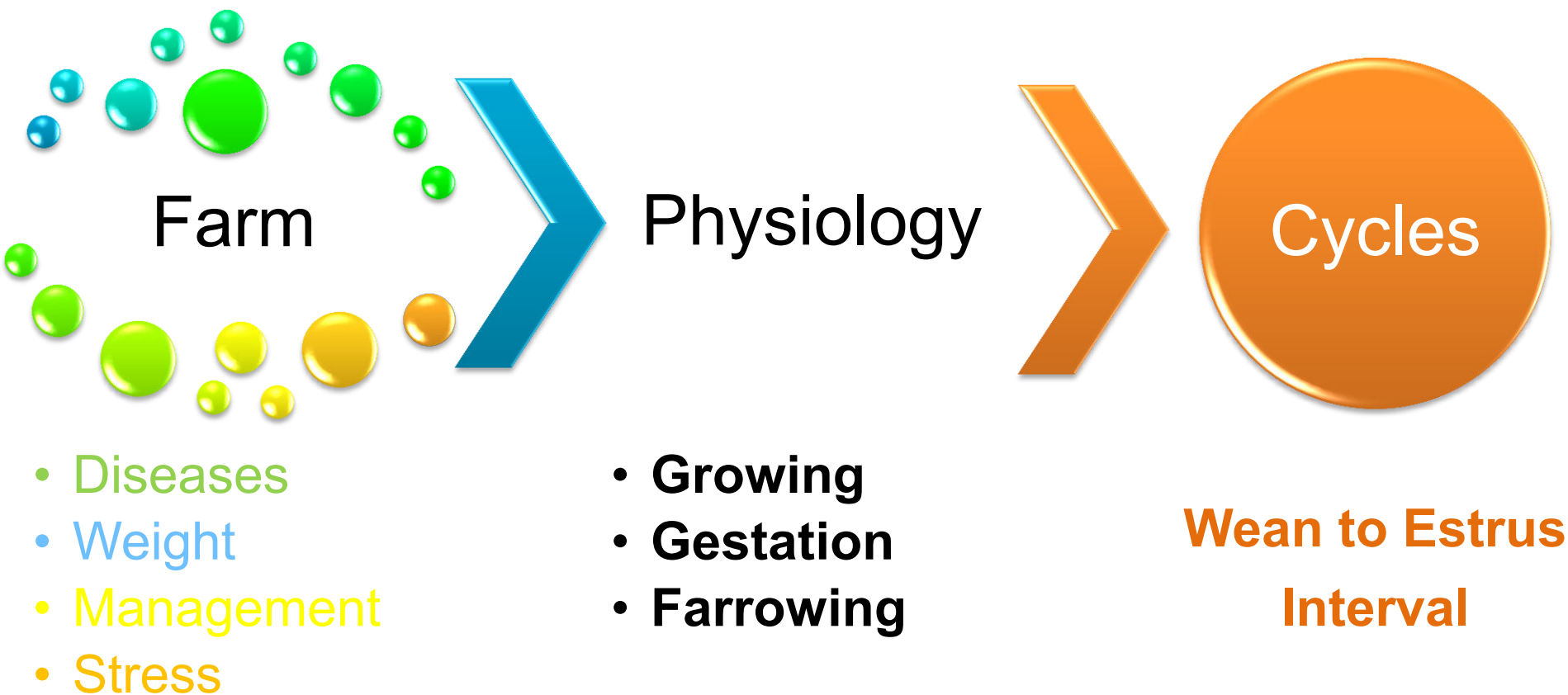
🌀 Similar behavior to a **4th** parity sow

○ **Total Born and fertility**

🌀 **No** 2nd parity dip



Lets Remember...



Here is the Money!!

Total	500	
Gilts Rate	40%	200
FSY	2.5	

Parity	<i>gilts</i>	<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7+</i>
Number	85	80	75	70	60	50	40	35
% Populat.	17%	16%	15%	14%	12%	10%	8%	7%
Total born	11.5	13	13.1	13.5	13.5	12.9	13.2	13
Born Alive	10.5	12	12.1	12.5	12.5	11.9	12.2	12

Piglets less	2
Piglet Price (€)	40
In gilts	
Less Piglets	400
Less Money (€)	16,000.00 €
In the Farm (3 years)	
Less Piglets	1200
Less Money (€)	48,000.00 €



Make Love.. Not War..!





A good **Reproductive** Management
Guaranties a **Productive** excellence!!!



Thank you!!

Statistics
Show Audit Statis

ReproPig[®]
Management System

In MSD Animal Health...

We are ...



Thank you to the ReProPig team for your success...

ReproPig[®]
Management System