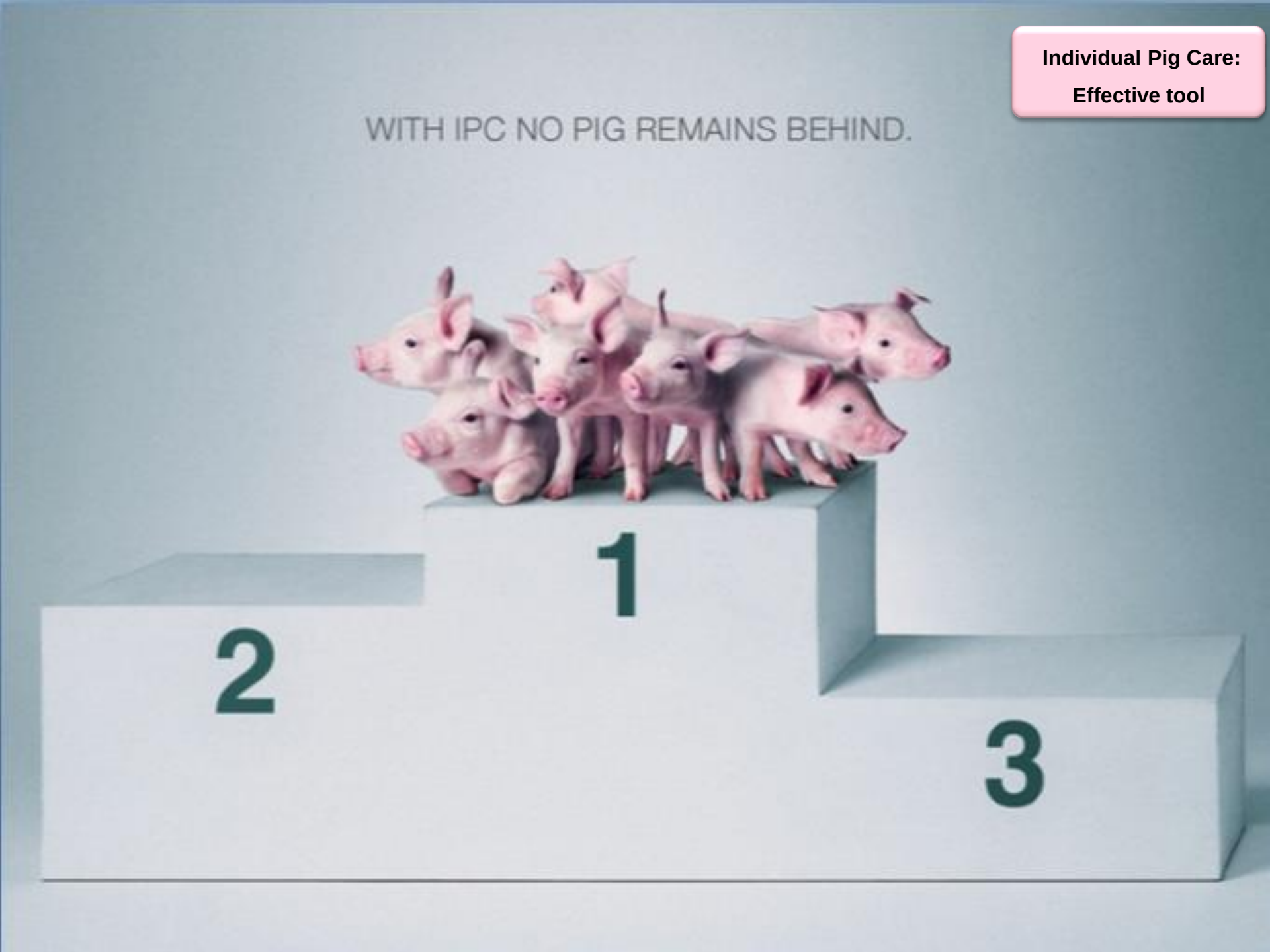
Individual Pig Care:

Effective tool



3 IPC benefits to answer your needs

Innovative & differentiating service

to increase vets added value towards producers

Early treatment = higher chances of recovery

Minimization of losses:

- *Reduction of mortality*
- *Better homogenity & ADG*

AIF only used when needed, where needed

= on-field proofs for AIF choice

Maximization of efficacy

Clinical scoring info -> diagnostic tool

Veterinarians

Full value pig at abattoir

Farm managers

Responsible use of anti-infective

Vets & Managers

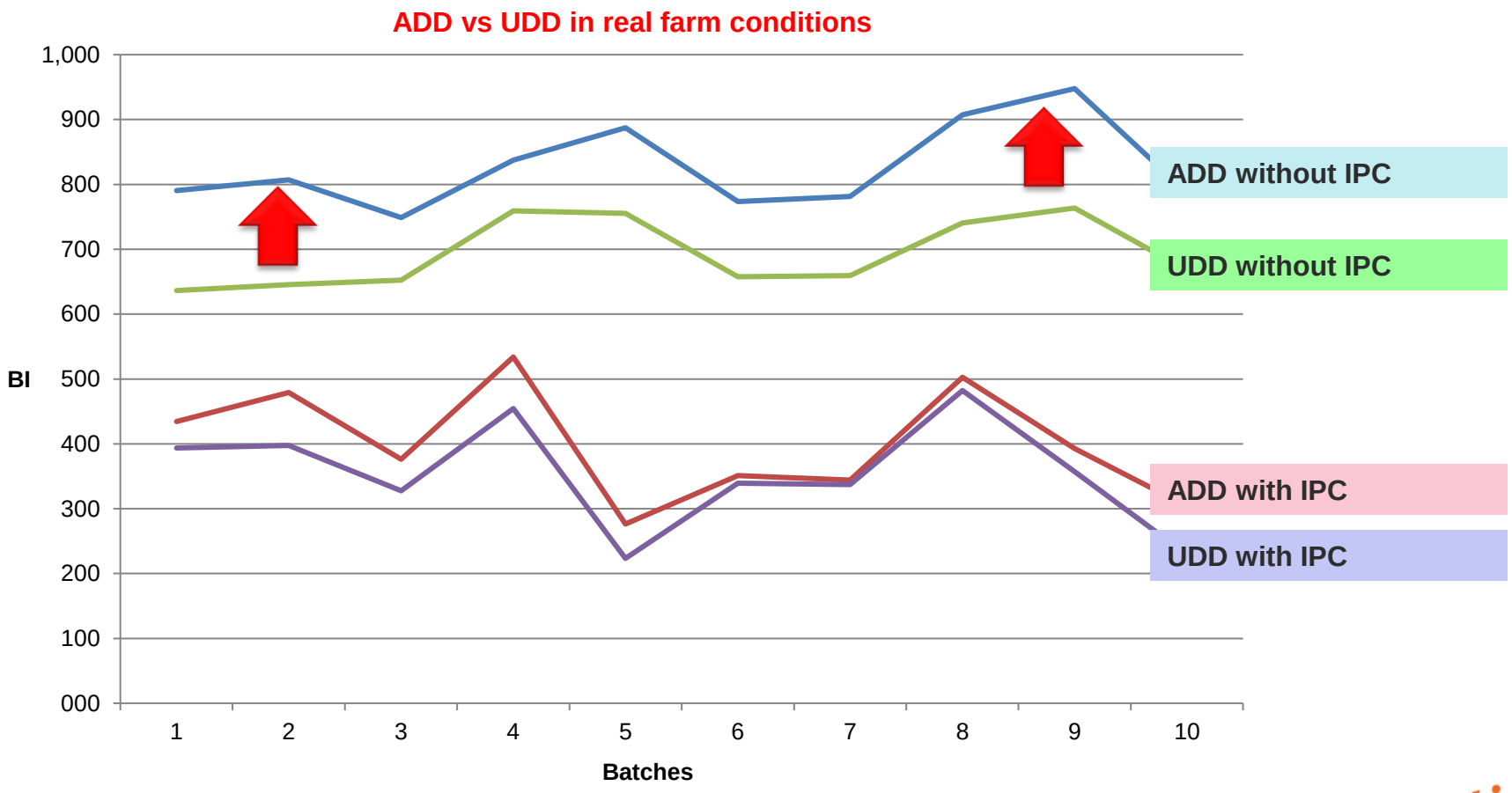
IPC helps optimizing the responsible use of AIF

1 Optimized use of AIF while maintaining a high health status

Real field data – Belgium 2012/2013		Without IPC		With IPC	
Nursery batches / animals		10 – 2916 pigs		10 – 2949 pigs	
Scored animals = sick animals		**1650**		**1252**	
INJECTABLES – Treatments per animal		0.22 22% of treated pigs		0.27 30% of treated pigs	
ORAL AIF	Treatments (Molecules and days – average 10 batches)	Amoxi-promicine	6.2	Amoxi-promicine	5.9
		Curadine	0.9	Lincospectin	0.6
		Trimazin	11.1	Trimazin	4.2
		Doxyveto	5.2		
		Moxapulvis	10.3	Moxapulvis	5.9
		Tylan	5		
	% of live days under treatment with oral medication	**60%**		**39%**	
Mortality (natural, euthanasia, runts)		**2,6%**		**2,4%**	

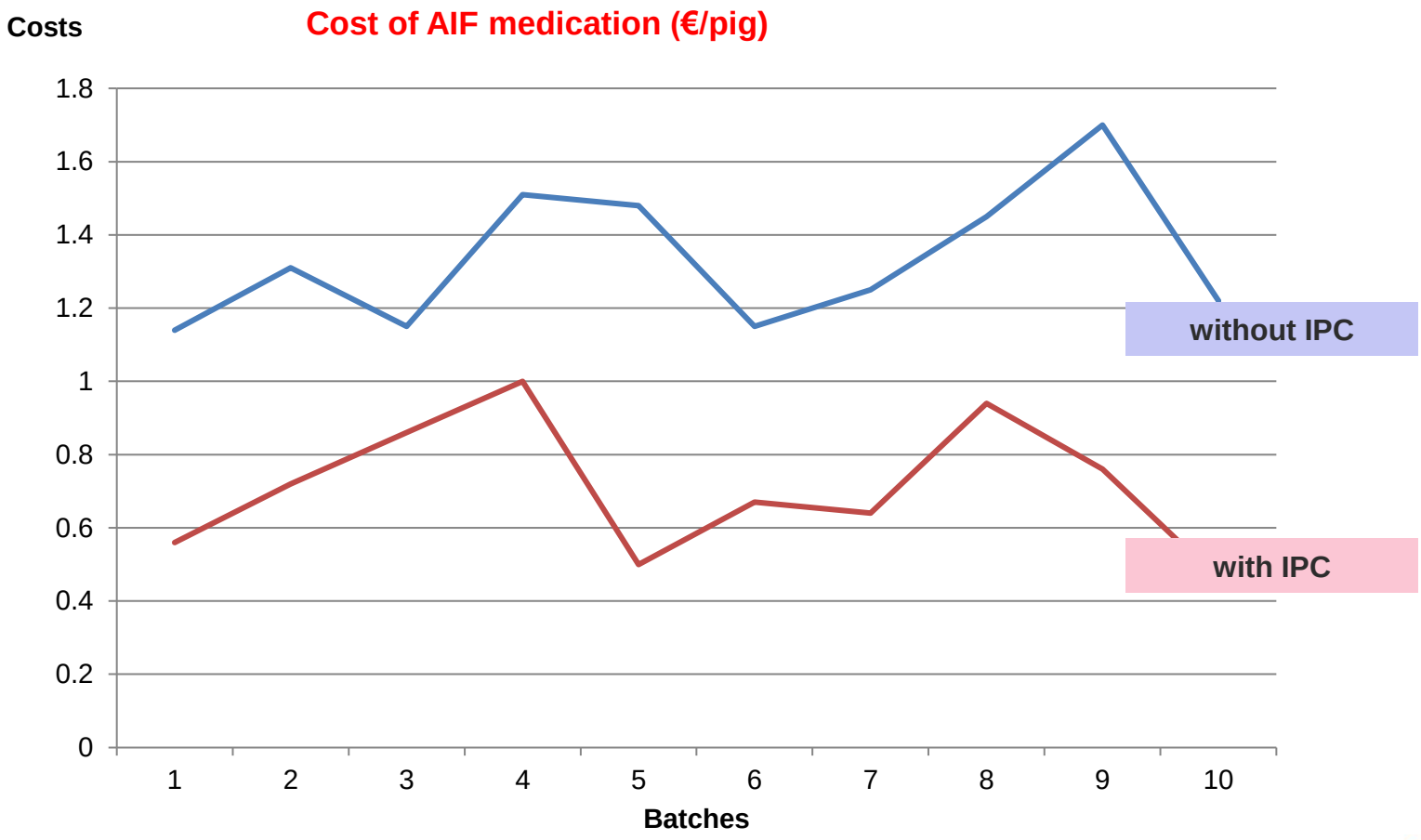
IPC helps optimizing the responsible use of AIF

2 IPC helps optimizing the compliance and responsible use of AIF



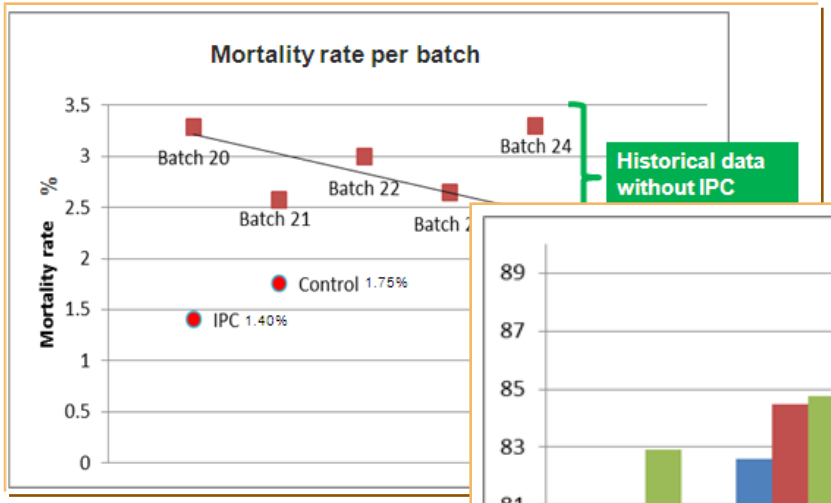
IPC helps optimizing the responsible use of AIF

3 Reduced economical investment in AIF



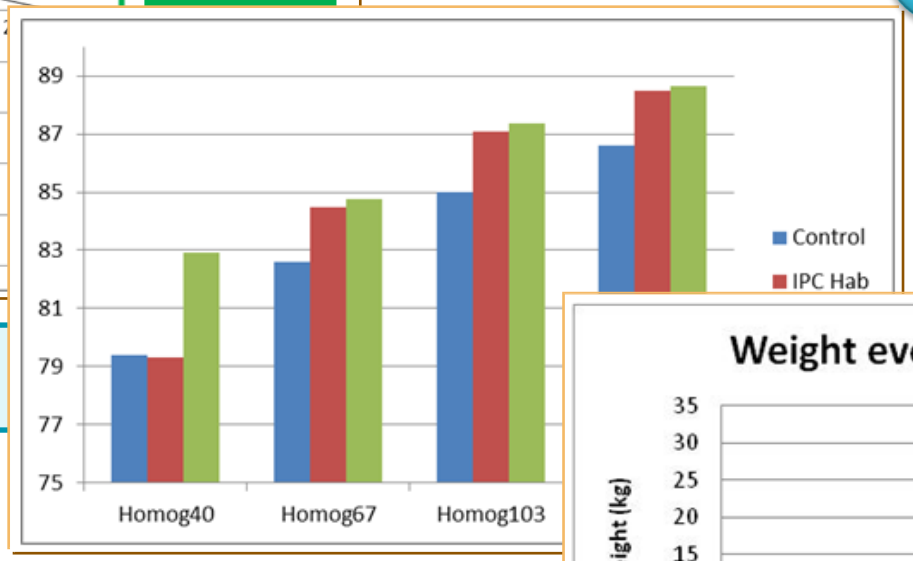
The use of IPC improves the zootechnical parameters

4



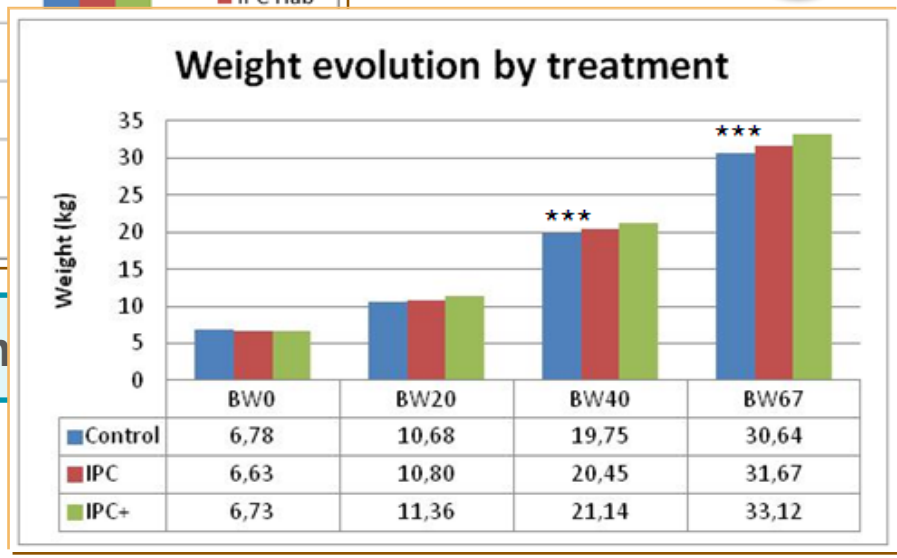
Reduction of

5



Improved hom

6



	BW0	BW20	BW40	BW67
Control	6,78	10,68	19,75	30,64
IPC	6,63	10,80	20,45	31,67
IPC+	6,73	11,36	21,14	33,12

Improved weight gain

Results from 211-2012 pilots -> publication in ESPHM 2012 & IPVS 2012

How does it work in farm?

1

Early pig identification by 'walking' the pens:

The earliest a disease is identified, the highest are the chances of a full recovery.

1 second / pig is enough

✓ **correct**

X **not accurate enough**

2 *Symptoms quantification = Classification*

Continuous and accurate recordings will provide disease dynamics and treatments efficacy information.

A pigs: Treat and leave in pen

B pigs: Treat and pull to fallout pen

C pigs: Treat and pull to fallout pen and watch for signs of progress. If no progress, humanly euthanize

D pigs: Humanely euthanize

- Lung (respiratory signs)
- Gut (digestive signs)
- Brain (nervous system signs)
- Lame (musculoskeletal signs)
- Bite

3

Effective communication: - -> IPC kit

- of observations
- of analysis results

The electronic pen:

The Smartphone – router:

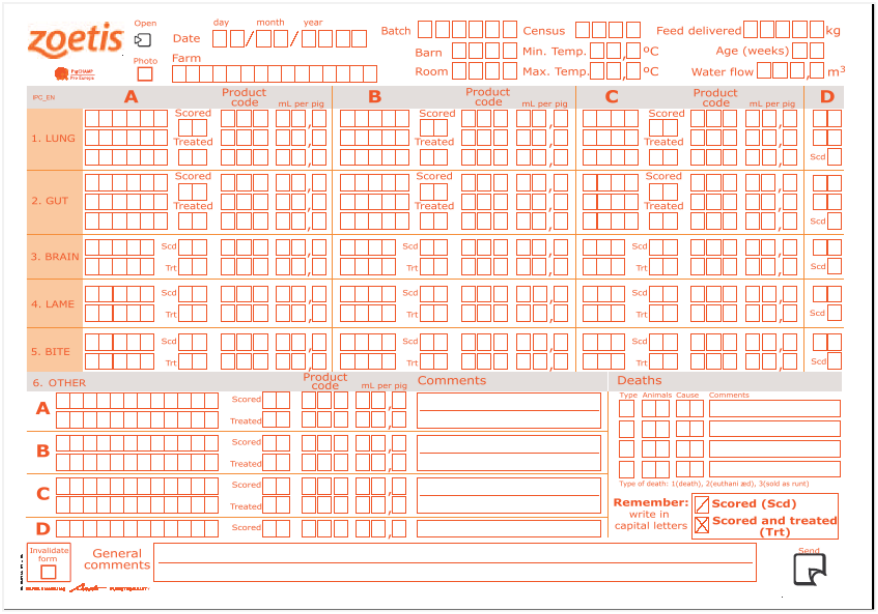
HOW TO FILL THE GRIDS

2 type of grids available:

-**Classical grid**: allows the farmer to score pigs and gather data on injectable AIF

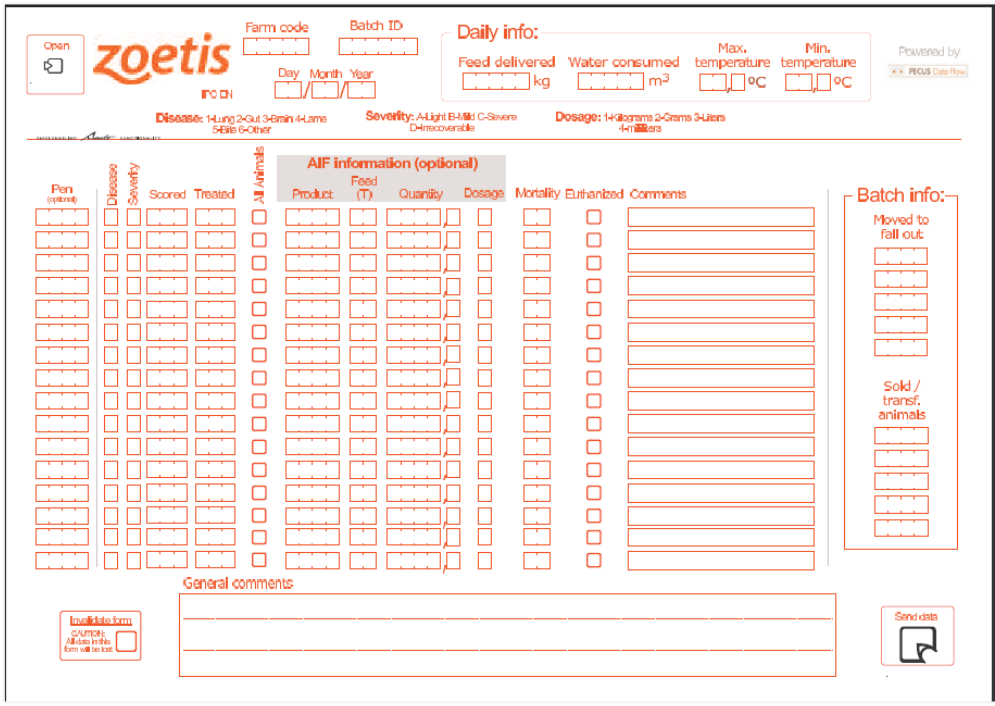
-**AIF grid**: allows the farmer to score pigs and gather data on all kind of AIF

The Grids (digitalized paper):



IPC I – allowing to record:

- diseases severity
- pathologies
- mortality / runts
- **injectable AIF treatments**
- comments



IPC II – allowing to record:

- diseases severity
- pathologies
- mortality / runts
- **all AIF treatments**
- comments

recording starts

zoetis

Open

Photo

Date day month year

Farm

Batch

Barn

Room

Census

Min. Temp. °C

Max. Temp. °C

Feed delivered kg

Age (weeks)

r flow m³

A

Product code

mL per pig

B

1. LUNG

2. GUT

3. BRAIN

4. LAME

5. BITE

6. OTHER

Select a value: Farms&Batches_version3

Sélectionnez tout

GBAAA

GEAAA

ITBER

ITBUR

ITBUR-2-2012-20

ITBUR-2-2012-21

LTAAA

SP03

SPHVL

SPINN

(All)

OK

Cancel

CRITICA

Additional information
interesting for *a posteriori* analysis but not mandatory

•**Farm code**:

ed by type of disease and

etters><3

g identified but not

ed

g identified and treated

numbers in the boxes

be repeated during

at the

g Champ)

Deaths reports:

- type of death (death, euthanized…)
- cause of death (disease)
- number of deaths

Remember: write in capital letters

Scored (Scd)

Scored and treated (Trt)

Invalidate form

General comments

General comments

Send

Invalidating form

recording finishe

recording starts

Pfizer

PigCHAMP® Pro Europa

Open

Photo

Date day / month / year

Farm

Batch

Barn

Room

Census

Min. Temp. °C

Max. Temp. °C

Feed delivered kg

Age (weeks)

Water flow m³

	A		Product code	mL per pig	B		Product code	mL per pig	C		Product code	mL per pig	D
1. LUNG		Scored				Scored				Scored			
		Treated				Treated				Treated			
													Scd
2. GUT		Scored				Scored				Scored			
		Treated				Treated				Treated			
													Scd
3. BRAIN		Scd				Scd				Scd			
		Trt				Trt				Trt			Scd
4. LAME		Scd				Scd				Scd			
		Trt				Trt				Trt			Scd
5. BITE		Scd				Scd				Scd			
		Trt				Trt				Trt			Scd

6. OTHER			Product code	mL per pig	Comments
A		Scored			
		Treated			
B		Scored			
		Treated			
C		Scored			
		Treated			
D		Scored			

Deaths

Type	Animals	Cause	Comments

Type of death: 1(death), 2(euthanized), 3(sold as runt)

Remember: write in capital letters

☐ Scored (Scd)

☒ Scored and treated (Trt)

Invalidate form

General comments

Send

PAPER ENABLING FUNCTIONALITY

Invalidating form

recording finishe

zoetis

Open

Photo ☑

Date (day / month / year): 12/06/2012

Farm: NEAXZ

Batch: 1234

Barn: 15

Room: 6789

Census: 1023

Min. Temp.: 27,2 °C

Max. Temp.: 29,4 °C

Feed delivered: 11290 kg

Age (weeks): 15

Water flow: 2,5 m³

IPC_EN	A	Scored	Treated	Product code	mL per pig	B	Scored	Treated	Product code	mL per pig	C	Scored	Treated	Product code	mL per pig	D
1. LUNG	XXX///	10	3	201	1,5											Scd
2. GUT	//XXX/ / X9	16	13	205 / 215	1, / 01,0	X/	2	1	215	1,	X	1	1	215	1,	X / Scd 1
3. BRAIN	//	Scd 2 / Trt				//	Scd 2 / Trt 0					Scd / Trt				Scd
4. LAME	XX/	Scd 1 / Trt 2		225 / 301	1,5 / 2,	X	Scd / Trt 1		215 / 215	1, / 1,	X	Scd / Trt 1		215	1,5	Scd
5. BITE	XX//	Scd 0 / Trt				XX/	Scd 1 / Trt 2		223	,5		Scd / Trt				Scd

6. OTHER		Scored	Treated	Product code	mL per pig	Comments
A	99XX829XXXXX / 6XX//	54	52	212	,5	OPTIONAL COMMENTS
B		00	00			
C	X	01	01			RUNT
D						

Deaths

Type	Animals	Cause	Comments
2	1	2	DIARRHEA
1	2	1	RESPIRATORY PROBLEM
1	1	1	ACTINOBACILLUS
3	2	6	RUNTS

Type of death: 1(death), 2(euthanized), 3(sold as runt)

Remember: write in capital letters

☑ Scored (Scd)

☒ Scored and treated (Trt)

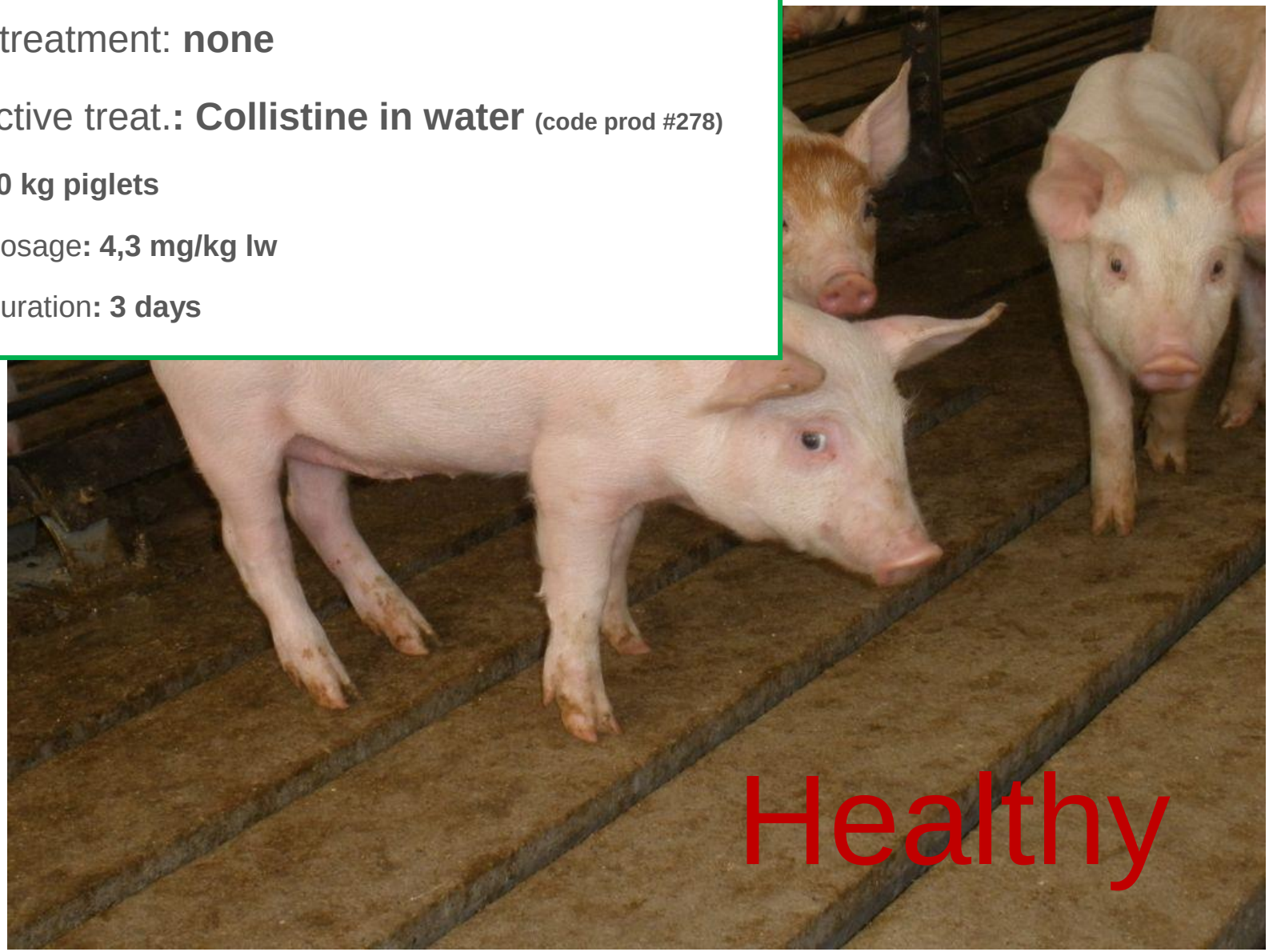
Invalidate form ☐

General comments: COMMENT ABOUT VACCINATIONS, ENVIRONEMENT (TOO COLD AND DAMP, PIGLETS LAY ON HEAPS), SOME COUGHS AND SNEEZES, INCREASE OF DIARRHEAS

Send

zoetis

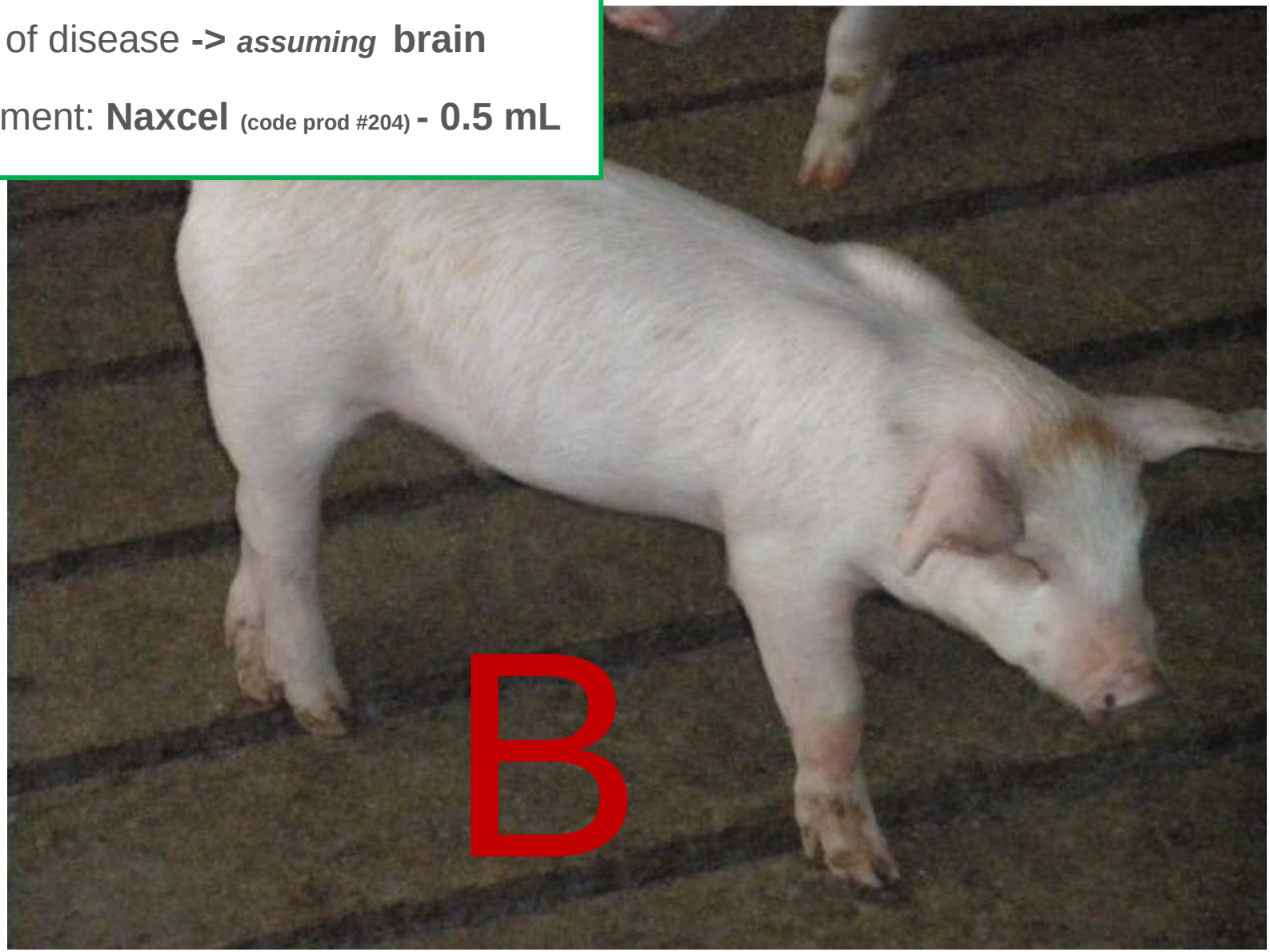
- Severity**: Healthy**
- Indiv. treatment: **none**
- Collective treat.**: Collistine in water** **(code prod #278)**
  - **30 kg piglets**
  - Dosage**: 4,3 mg/kg lw**
  - Duration**: 3 days**



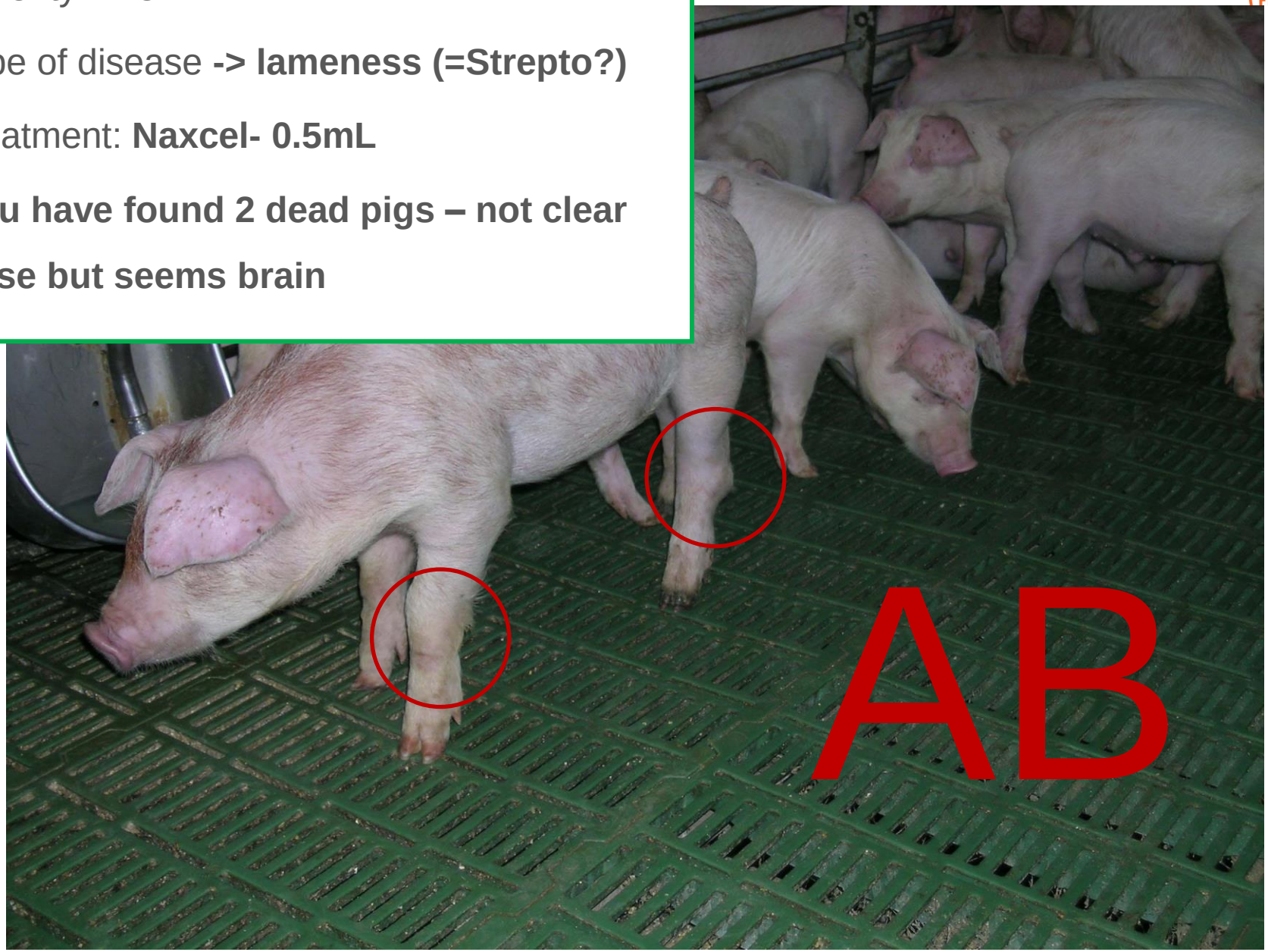
- Severity**: A**
- Type of disease **->** ***assuming*** **others**
- Indiv. treatment: **none**
- Comment**: animal depressed**

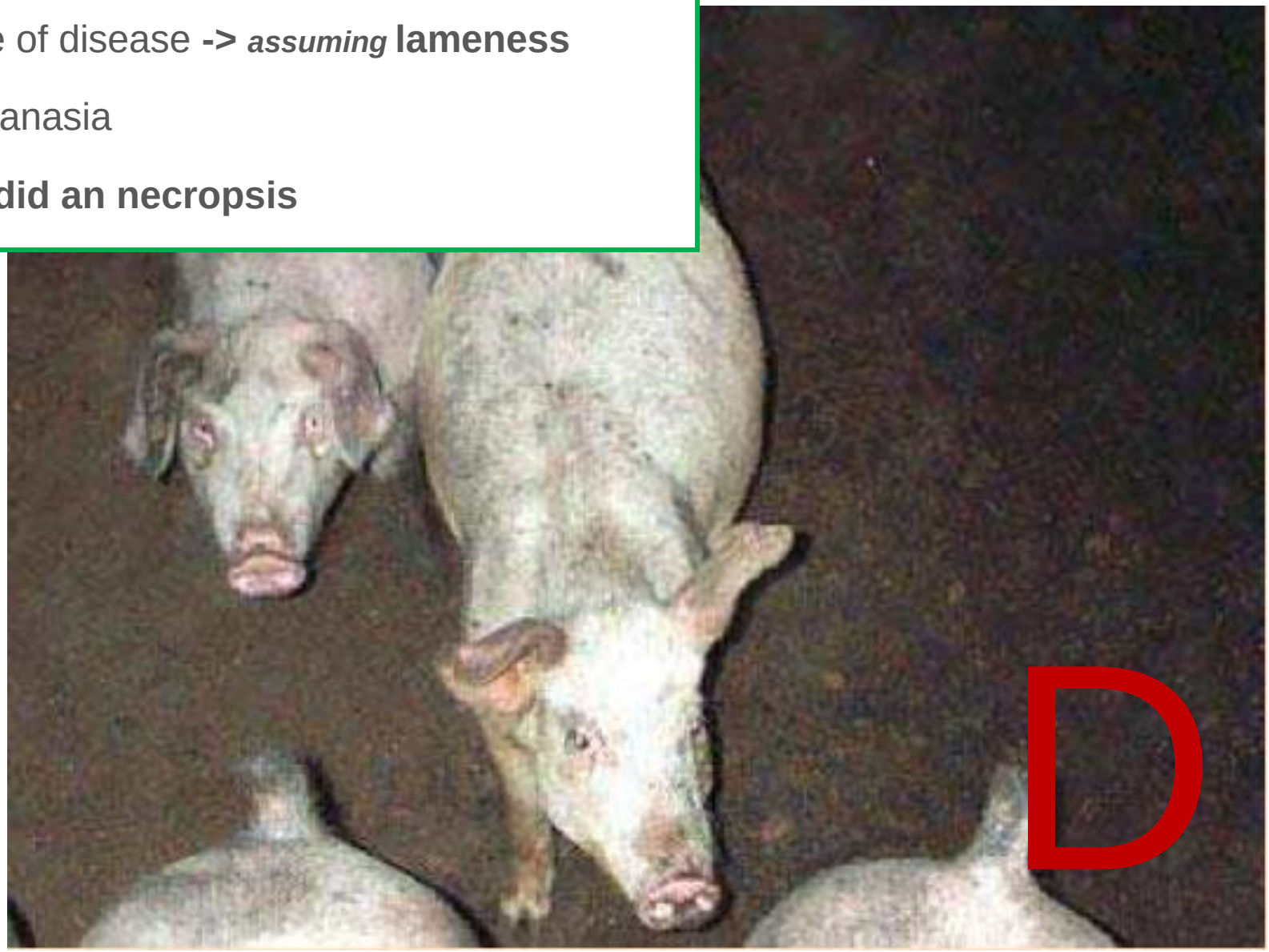
zoetis

- Severity**: B**
- Type of disease **->** ***assuming*** **brain**
- Treatment: **Naxcel** **(code prod #204)** **- 0.5 mL**



- Severity**: A or B**
- Type of disease **-> lameness (=Strepto?)**
- Treatment: **Naxcel- 0.5mL**
- **you have found 2 dead pigs – not clear cause but seems brain**



- Severity**: C**
- Type of disease **->** ***assuming*** **gut**
- Treatment: **Ubiflox** **(code prod #243) - 1 mL**
- ***You have changed the feed the day before***
- ***1 piglet is sold as runt – no clear disease***

- Severity**: D**
- Type of disease **->** ***assuming*** **lameness**
- Euthanasia
- **You did an necropsis**