

Keeping Pigs Safe in Swine Fever Areas



agriculture

Department:
Agriculture
REPUBLIC OF SOUTH AFRICA

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***Basic guidelines for smallholder pig owners in areas
where there is a risk of classical swine fever***

WHAT IS CLASSICAL SWINE FEVER?

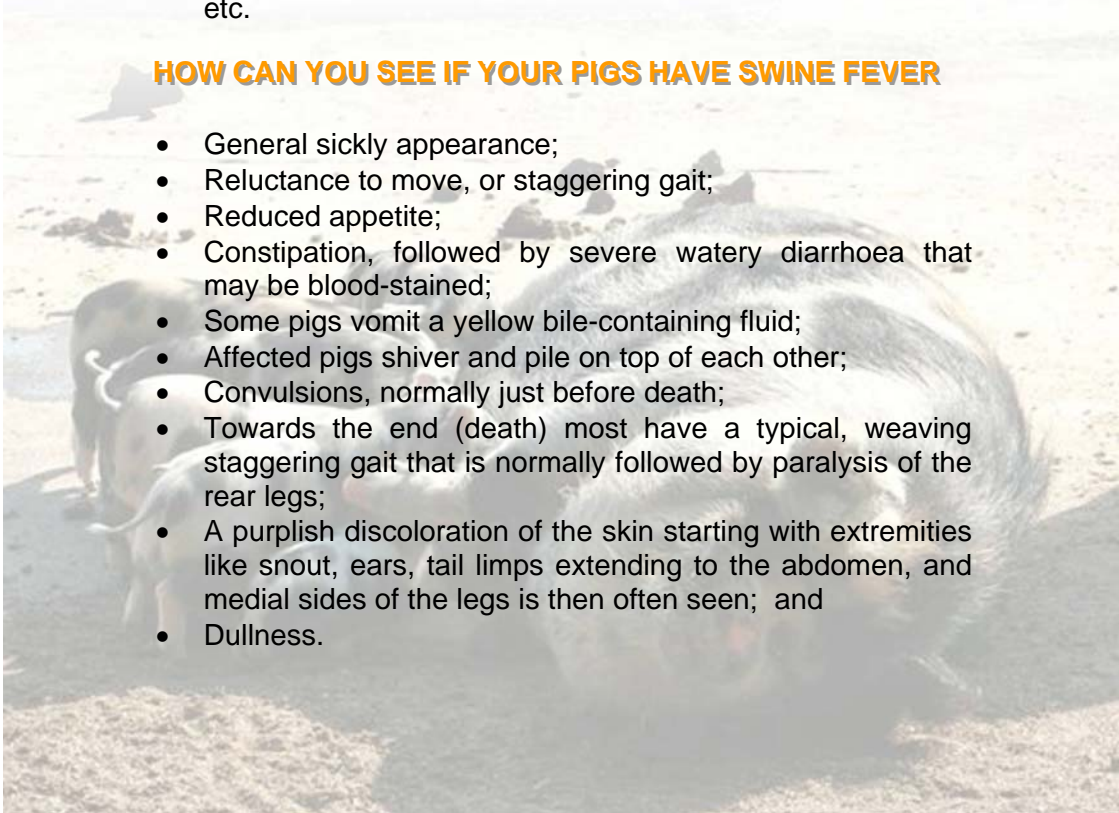
Classical swine fever is also known as Hog Cholera. It is a highly contagious viral disease of pigs. Under natural conditions, only domestic and wild pigs can be infected with CSF. Pigs are normally infected through the nose and mouth. CSF can also be spread through eating of pork and pork products that have not been processed properly.

HOW DO PIGS GET CLASSICAL SWINE FEVER

- Direct contact, through the introduction of infected pigs (domestic or wild);
- Eating of infected material; and
- Indirect contact through workers, veterinarians, vehicles etc.

HOW CAN YOU SEE IF YOUR PIGS HAVE SWINE FEVER

- General sickly appearance;
- Reluctance to move, or staggering gait;
- Reduced appetite;
- Constipation, followed by severe watery diarrhoea that may be blood-stained;
- Some pigs vomit a yellow bile-containing fluid;
- Affected pigs shiver and pile on top of each other;
- Convulsions, normally just before death;
- Towards the end (death) most have a typical, weaving staggering gait that is normally followed by paralysis of the rear legs;
- A purplish discoloration of the skin starting with extremities like snout, ears, tail limbs extending to the abdomen, and medial sides of the legs is then often seen; and
- Dullness.



AFFECTED PIGS



(Photo: Dr Gary Buhrmann)

Affected pigs shiver and pile on top of each other.



(Photo: Dr Gary Buhrmann)

A purplish discoloration of the skin-starting with the snout, ears, tail and limbs - and extending to the abdomen and sides.

WHAT IS THE DIFFERENCE BETWEEN AFRICAN SWINE FEVER AND CLASSICAL SWINE FEVER?

African swine fever occurs in the Northern parts of the Country whereas CSF is restricted to the Eastern Cape Province.

Affected animals may have similar symptoms – so it is important to notify the Animal Health officials should any of your pigs show signs of disease – especially if you are in the Eastern Cape Province.

PREVENTATIVE MEASURES

Housing

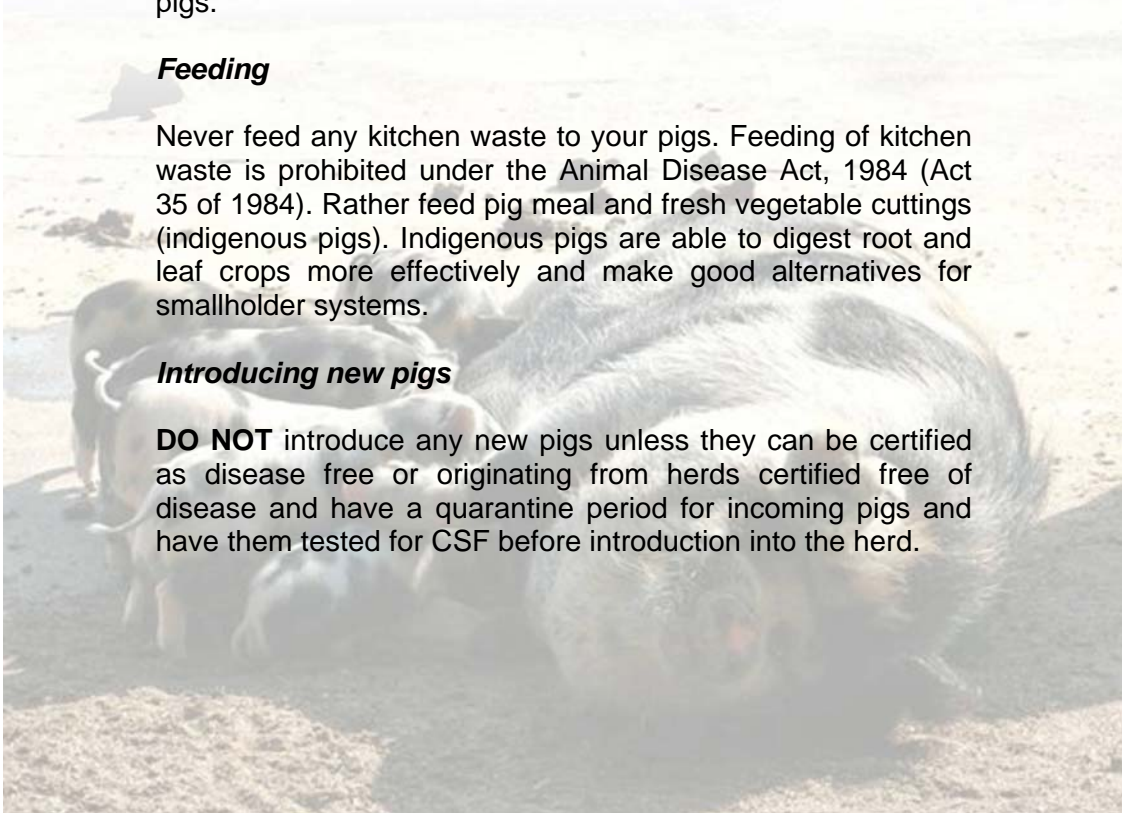
The pigs should have a safe, pig proof enclosure. A fence must be put around the whole enclosure to prevent the pigs moving around and contact with other pigs, especially wild pigs.

Feeding

Never feed any kitchen waste to your pigs. Feeding of kitchen waste is prohibited under the Animal Disease Act, 1984 (Act 35 of 1984). Rather feed pig meal and fresh vegetable cuttings (indigenous pigs). Indigenous pigs are able to digest root and leaf crops more effectively and make good alternatives for smallholder systems.

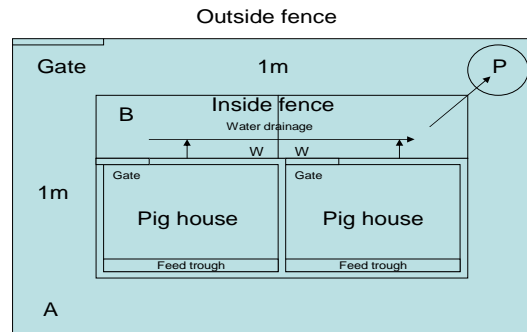
Introducing new pigs

DO NOT introduce any new pigs unless they can be certified as disease free or originating from herds certified free of disease and have a quarantine period for incoming pigs and have them tested for CSF before introduction into the herd.



SAFE HOUSING FOR PIGS IN HIGH RISK AREAS

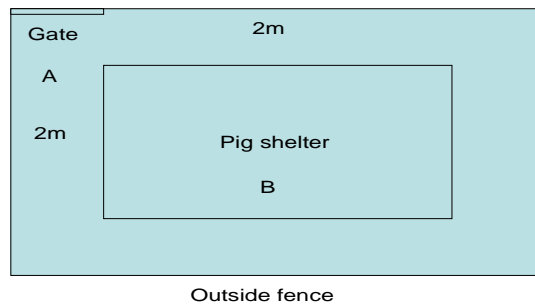
Plan A: for pig housing (inside the pig shelter)



Pigs must not come into area A – they must stay in area B
The inner and outer fences must be 1m high
Fencing mesh (pig wire) must be used.
All water and dung should go into a collection pit (P)
There should be drinking water (w) outside the sleeping area

Plan B: for basic pig shelter (the outside part of pig shelter)

Pigs must not come into area A – they must stay in area B
Make sure there is fresh clean drinking water – preferably borehole water



Plan B – for basic pig shelters

WHAT SHOULD YOU DO IF YOUR PIGS SHOW THE SYMPTOMS OF SWINE FEVER?

- Isolate sick pigs immediately and contact your local stock inspector or veterinarian;
- Do not sell or move any pigs if they are sick;
- If a pig dies, contact your veterinary officers immediately; and
- Handle the carcass with care and **DO NOT** eat any of the meat.

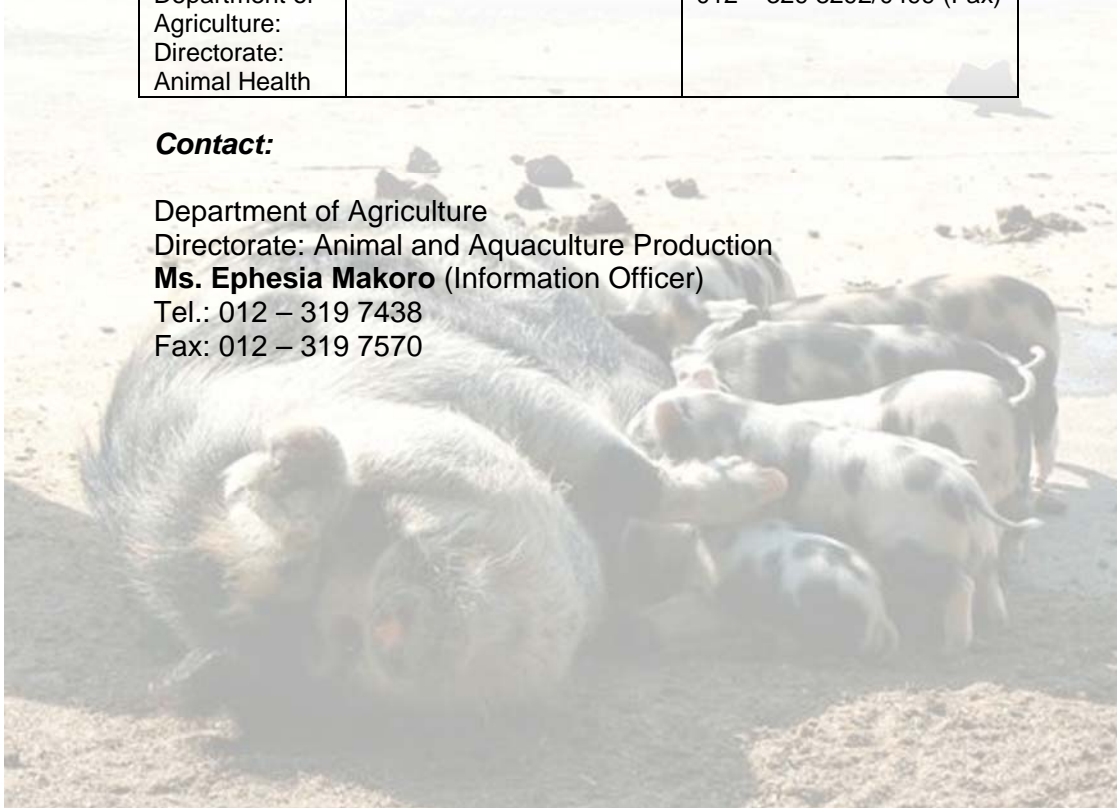
WHO CAN YOU CALL?

Province	Animal Health contact	Contacts
Eastern Cape	Dr. L. Mrwebi	040 - 609 3547 (Tel.) 040 - 636 3588 (Fax.) 082 - 781 0217 (Cell.)
Western Cape	Dr. Gary Bührmann, State Veterinarian Boland Dr. Pieter Koen, Deputy Director Animal Health	021- 808 5026 (Tel.) 083 642 0602 (Cell.) 021- 808 5052 (Tel.) 083 907 2808 (Cell.)
Northern Cape	Dr. P. Kekgakilwe	053 – 839 7800/1 (Tel.) 053 – 839 7827 (Fax.) 083 554 5583 (Cell.)
Free State	Dr. Kris J. Mojapelo	051 – 436 5834/79 (Tel.) 051 – 436 5870 (Fax.) 072 124 3979(Cell.)
North West	Dr. P. Mokaila	018 – 389 5102/5057 (Tel.) 018 – 389 5090 (Fax.) 082 572 9613 (Cell.)
Kwa Zulu Natal South Region:	Dr. T. A Sikhakhane	033 – 343 8300/29 (Tel.) 033 – 343 8329 (Fax.) 082 784 9254 (Cell.)

Province	Animal Health contact	Contacts
North Region:	Dr. D. I Mtshali	035 – 789 0306 (Tel.) 035 – 789 0366 (Fax.) 082 419 2882 (Cell.)
Gauteng	Dr. Dietane Nemudzivhadi	011 – 355 1388 (Tel.) 011 – 355 1077 (Fax.)
Mpumalanga	Dr. Lucas Cele	013 – 947 3511 (Tel.) 013 – 947 3526 (Fax.)
Limpopo	Dr. R. L Mamapane	015 - 294 3000/3134 (Tel.) 015 – 294 4525 (Fax.) 082 803 5508 (Cell.)
National Department of Agriculture: Directorate: Animal Health	Dr. Tiro Modungwa	012 – 319 7512 (Tel.) 012 – 329 6892 (Fax)
National Department of Agriculture: Directorate: Animal Health	Dr. Johan Dippenaar	012 – 319 7635 (Tel) 012 – 329 8292/0499 (Fax)

Contact:

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