



SPCA CERTIFIED Herd Health Planning for Pigs

Table 1. Chart of appropriate needle sizes for different ages of pig

Pig Type	Injection Type	Gauge	Length (inches)
Piglet	All Injections	20-21	1/2 - 5/8
Weanling	All Injections	18	5/8 – 3/4
Sow, Gilt & Boar	Peri-anal injection (Oxytocin or Estrumate)	18	3/4 - 1
	Vaccinations	18	1.5
	Penicillin, Trivetrim, Tetracycline, Other	16	1.5

Note: Must use 'detectable' needles only

Table 2. Routine Processing, Vaccination and Medication Protocols Worksheet (Example)

	Mycoflex	PLE	Circoflex	Suvaxyn HPS	Inglvac PRRS	Kolivax 5P	Milk Vaccine	Safeguard Dewormer	Teeth Clipping	Tail Docking	Castration	FerroForte	Poly-amine A
Gilt Weaners													
On movement to Grow/Finish					2 ml IM ¹								
F1 Gilts Raised on farm													
Entry into breeding herd	1 ml IM ¹	5 ml IM ¹	1 ml IM										
3 weeks after entry		5 ml IM ¹											
Prefarrowing													
Gilts - 5 weeks prefarrowing					2 ml IM	35 ml Oral							
Gilts - 2 weeks prefarrowing		5 ml IM ¹			2 ml IM	35 ml Oral							
Sows - 2 weeks prefarrowing		5 ml IM ¹				35 ml Oral							
Sows/Gilts - 4 days prefarrow							1/2 Tsp Oral						
Piglets													
Birth								Yes	Yes				
Day 3 - 5										Scalpel	1 ml IM		
Weaners													
Day of weaning	1 ml IM (combined)		1 ml IM										
Day of weaning for 3 days													1 pkg in 1.7 liters
21 days post weaning for 5 days													1 pkg in 1.7 liters
Feed Medications	Dry Sow	Nurse Sow	Creep	Starter 1		Starter 2	Starter 3		Grower 1	Grower 2	Finisher		
			22g LS 20	44g Linco		44g Linco							

¹ Only vaccinate sows that are to be sold as breeding stock

² Medications used may vary between farms

The following Table has been provided as an example of minimum response and treatment plans and is not exhaustive. Producers must consult with their vet to complete a table best suited to their operation.

Table 3. Treatment Protocols

P I G L E T S			
Illness	Signs to look for	Treatment protocols	When would a vet or expert be called?
Diarrhea (Scours) < 5 days of age	<ul style="list-style-type: none"> ▪ Feces of watery consistency ▪ Piglets may be greasy 	<ul style="list-style-type: none"> ▪ Day 1 (mild scours): turkey waterers with Apralan / electrolytes 1 ml orally ▪ Day 1 (moderate scours): Apralan in water + Poten Sulf / Trivettrin (1/4 ml for 2 days). Alternate option is Nuflor ¼ ml 2 times 2 days apart ▪ Severe scours: ½ ml Banamine / Flunazine once ▪ If responds: Poten Sulf / Trivettrin ¼ ml for 1 more day then stop 	<ul style="list-style-type: none"> ▪ If fever is present ▪ If blood in feces ▪ If diarrhea for more than 3 days ▪ If mortality > 2% ▪ If ≥ 10% of piglets affected
Diarrhea (Scours) > 5 days of age	<ul style="list-style-type: none"> ▪ Feces of watery consistency ▪ Piglets may be greasy 	<ul style="list-style-type: none"> ▪ Turkey waterers with electrolytes: 1 ml orally ▪ Severe scours: ½ ml Banamine / Flunazine once ▪ If no response: Poten Sulf / Trivettrin for 3 days 	<ul style="list-style-type: none"> ▪ If blood in feces ▪ If diarrhea for more than 3 days ▪ If mortality > 2% ▪ If ≥ 10% of piglets affected
Pneumonia	<ul style="list-style-type: none"> ▪ Depressed ▪ Rapid breathing 	<ul style="list-style-type: none"> ▪ Excede 100 once (0.1 ml) ▪ If very sick: ½ ml Banamine/Flunazine once ▪ If no response: Draxxin (0.1 ml) once 	<ul style="list-style-type: none"> ▪ If fever and respiratory signs last for over 3 days ▪ If ≥ 10% of piglets affected ▪ If mortality > 2% after 1st appearance or within 1 week
Lameness	<ul style="list-style-type: none"> ▪ Swollen joints ▪ Limping 	<ul style="list-style-type: none"> ▪ Excede 100 (0.1 ml) once only <u>OR</u> ▪ Lincomix 100 (1/2 ml) + Predef 2X (1/4 ml) for 4 days 	
Meningitis	<ul style="list-style-type: none"> ▪ Head tilt ▪ Paddling 	<ul style="list-style-type: none"> ▪ Excede 100 once (0.2 ml) ▪ ½ ml Banamine / Flunazine once ▪ Predef 2X (1/4 ml) for 2 days 	
Exudative dermatitis (Greasy pig)	<ul style="list-style-type: none"> ▪ Greasy skin 	<ul style="list-style-type: none"> ▪ Spots: Excede (0.2 ml) once ▪ Whole Body: Excede (0.2 ml) once. Spray body with 1 tube of Novodry Plus in 1 litre of mineral oil for 4 days. 	
Unthrifty Pig (starvation)	<ul style="list-style-type: none"> ▪ Depressed ▪ Thin / bony ▪ Hairy 	<ul style="list-style-type: none"> ▪ Excede 100 (0.1 ml) once ▪ If very sick: Banamine / Flunazine (½ ml) once 	

WEANLING, GROWER & FINISHER PIGS

Illness	Signs to look for	Treatment protocols	When would a vet or other expert be contacted?
Diarrhea (Ileitis)	<ul style="list-style-type: none"> ▪ Feces of watery consistency ▪ Pigs may be greasy 	<ul style="list-style-type: none"> ▪ Tylocine (1 ml/25 kg) or Tet LP (1 ml/10 kg) for 3 days ▪ Nursery (if sudden): Poten Sulf (1ml/15kg) for 3 days ▪ Apralan / electrolytes in a dish (bottom of 5 gallon pail 3 inches deep) 	
Pneumonia	<ul style="list-style-type: none"> ▪ Rapid breathing ▪ Coughing ▪ Hairy looking 	<ul style="list-style-type: none"> ▪ Excenel (1ml/10 kg) once ▪ Plus Predef 2X (1/2 ml/15 ml) once a day for 2 days ▪ If unsuccessful: Nuflor (1/2 ml/pig once); repeat in 2 days <u>OR</u> ▪ Draxxin (1/2 ml/20 kg) once (lasts 7-9 days) 	
Lameness	<ul style="list-style-type: none"> ▪ Swollen joints ▪ Limping 	<ul style="list-style-type: none"> ▪ Move to sick pen immediately ▪ ASA if no other signs and if lameness is mild for 3-5 days ▪ Lincomix (1ml/10 kg) + Predef 2X (1/2 ml/15 kg) once 	
Meningitis	<ul style="list-style-type: none"> ▪ Head tilt ▪ Paddling 	<ul style="list-style-type: none"> ▪ Excede 100 (1/2 ml) once + Predef 2X (1/2 ml) once ▪ Move to sick pen immediately 	
Exudative dermatitis (Greasy pig)	<ul style="list-style-type: none"> ▪ Greasy skin 	<ul style="list-style-type: none"> ▪ Spots: Excede 100 (1/2 ml) once ▪ Whole Body: Excede 100 (1/2 ml) once. Spray with mineral oil / Novodry Plus mixture for 4 days 	
Erysipelas (diamond skin disease)	<ul style="list-style-type: none"> ▪ Redness / swelling of skin ▪ Skin lesions 		
Gastric Ulcer (Pale pig)	<ul style="list-style-type: none"> ▪ Pale skin 	<ul style="list-style-type: none"> ▪ Excede 100 (1/2 ml) once ▪ Vitamin B-complex (5 ml) per day ▪ Iron Dextran (3 ml) once ▪ Dystosel (3 ml) once ▪ Feeding fibre is most important (hay, bran, coarse ground mash feed) 	
Rectal Prolapse	<ul style="list-style-type: none"> ▪ Inverted rectum, external to body 	<ul style="list-style-type: none"> ▪ Move to sick pen immediately if the rectum is out of the body 	

SOWS & BOARS

Illness	Signs to look for	Treatment protocols	When would a vet or other expert be contacted?
Diarrhea / Black Feces	<ul style="list-style-type: none"> ▪ Feces of watery consistency ▪ Dark feces 	<ul style="list-style-type: none"> ▪ Tetracycline LA (15-20 ml) once; repeat in 2 days <u>OR</u> ▪ Tylan 200 (6 ml/day) for 3 days 	<ul style="list-style-type: none"> ▪ If fever is present ▪ If blood in feces ▪ If diarrhea for more than 3 days ▪ If mortality > 2% ▪ If ≥ 10% of pigs affected
Off Feed	<ul style="list-style-type: none"> ▪ Pig not eating ▪ Thin 	<ul style="list-style-type: none"> ▪ Do nothing on first day ▪ Vitamin B-complex (5 ml) for 3 days ▪ If sick: Penicillin (15 ml) once ▪ Predef 2X (6 ml) once ▪ Give starter feed 	
Mastitis	<ul style="list-style-type: none"> ▪ Hard udder ▪ Redness and warmth on udder 	<ul style="list-style-type: none"> ▪ Trivetrin (20 ml) + Predef (6 ml) for 2 days ▪ Oxytocin several times per day (1/2 ml) ▪ Record as POP 	<ul style="list-style-type: none"> ▪ If no response to treatment
Lameness	<ul style="list-style-type: none"> ▪ Sudden ▪ Swollen joints ▪ Limping 	<ul style="list-style-type: none"> ▪ Move to sick pen immediately ▪ Lincomix (15 ml) for 3 days ▪ Predef 2X (6 ml) for 3 days 	
	<ul style="list-style-type: none"> ▪ Sudden ▪ <u>No</u> swelling of the joints ▪ Limping 	<ul style="list-style-type: none"> ▪ Move to sick pen immediately ▪ ASA or Anaphen (5 ml) for 3 days ▪ If no response in 1 day: Predef 2X (6 ml) 	
Gastric Ulcer (Pale sow)	<ul style="list-style-type: none"> ▪ Pale skin 	<ul style="list-style-type: none"> ▪ Penicillin (15-20 ml) for 3 days ▪ Vitamin B-complex (5 ml/day) ▪ Iron Dextran (5 ml) once ▪ Dystosel (3 ml) once ▪ Feed fibre if possible (hay, bran, coarse ground mash) 	
Rectal Prolapse	<ul style="list-style-type: none"> ▪ Inverted rectum, external to body 	<ul style="list-style-type: none"> ▪ Replace rectum and suture ▪ If swollen and difficult to replace: Predef 2X (6 ml) for 2 days ▪ Penicillin (15-20 ml) for 3 days 	
Retained piglets	<ul style="list-style-type: none"> ▪ Smelly, yellow to gray vaginal discharge 	<ul style="list-style-type: none"> ▪ Penicillin (15-20 ml) for 3 days 	