



**REDMOND  
VETERINARY CLINIC**  
— SINCE 1942 —

*Providing Uncompromised Care  
for Those Providing Unconditional Love*

## SWINE HERD HEALTH

### Normals

Temperature- 101-102.5  
Heart Rate- 55-86/beats per min.  
Respiration- 20/breaths per min.

### **Common Porcine Tasks**

| Task                 | Newborn to 3 Days | One Week | 4 - 6 Weeks | 6 - 9 Weeks | Boars                  | Gilts<br>7 - 8 mo<br>then 2-3 weeks<br>before farrowing | Sows<br>4-6 weeks<br>before breeding<br>then 2-3 weeks<br>before farrowing |
|----------------------|-------------------|----------|-------------|-------------|------------------------|---|--|
| Iodine navels        | x                 |          |             |             |                        |   |  |
| Clip needle teeth    | x                 |          |             |             |                        |   |  |
| Dock tails           | x                 |          |             |             |                        |   |  |
| Iron Injection       | x                 |          |             |             |                        |   |  |
| Castration           | x                 |          |             |             |                        |   |  |
| E. coli Vaccine      | x                 |          |             |             |                        |   |  |
| Respiratory Vaccine  |                   | x        | x           | x           |                        | x   | x  |
| Deworm               |                   |          | x           | x           |                        |   | x  |
| Wean                 |                   |          |             | x           |                        |   |  |
| Parvo Vaccine        |                   |          |             |             | X<br>(before breeding) | x   | X  |
| Reproductive Vaccine |                   |          |             |             |                        | X   |  |

### Nutrient Intakes and Requirements and Performance Levels of Swine Allowed Feed Ad Lib

| <u>Intake and Performance Levels</u> | <u>Swine Live Wt Pounds</u> |                 |                 |                  |                   |
|--------------------------------------|-----------------------------|-----------------|-----------------|------------------|-------------------|
|                                      | <u>1 to 10</u>              | <u>10 to 20</u> | <u>20 to 40</u> | <u>40 to 100</u> | <u>100 to 220</u> |
| Expected wt/day (#/day)              | 0.4                         | 0.5             | 1               | 1.5              | 1.8               |
| Expected feed intake (#/day)         | 0.5                         | 1               | 2.1             | 4.2              | 6.8               |
| Expected efficiency (feed/gain)      | 1.25                        | 1.84            | 2.11            | 2.71             | 3.79              |
| Protein %                            | 24                          | 20              | 18              | 15               | 13                |
| Water                                | .6 to 2                     | 2 to 4          | 4 to 8          | 8 to 20          | 20 to 45          |

## Diseases of the Weaned Pigs

### Gastrointestinal

#### 1. **E. Coli**

Clinical Signs- Diarrhea, septicemia, acute death, swollen eyelids

Prevention- Decrease stress, improve environment

#### 2. **Rota Virus**

Clinical Sign- Temporary diarrhea 3-4 days post weaning

Treatment- Supportive care

Prevention- Increase sanitation, vaccinate pigs

#### 3. **Enzootic TGE**

Clinical Sign- Diarrhea between 7 and 14 days post weaning

Prevention- Vaccinate

#### 4. **Salmonella, Hemophilus, Erysipelas**

Clinical Signs- Diarrhea and increased temperature

### Respiratory

#### 1. **Atrophic Rhinitis**

Clinical Signs- Sneezing, tearing, wrinkled nose, coughing, close confinement

Prevention- Management, environment, nutrition, vaccinate sows

#### 2. **Mycoplasma**

Clinical Signs- Dyspnea, cough after exercise, no fever

Prevention- Medicate feed, older sows, vaccinate?

#### 3. **Haemophilus**

Clinical Signs- Increased temperature, anorexia, productive cough, lameness

Prevention- Vaccinate, decrease stress, isolate

#### 4. **Others**

Pasteurella, Salmonella, Swine influenza

### Neurologic

#### 1. **Salt Poisoning**

Clinical Signs- Thirst, restlessness, depression, convulsions, death

Prevention- Provide free access to water, reduce salt in feed