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# "HOGG SENSE..."



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Editor  
Vol. 4 No. 6

Sponsored By:  
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**Formula for 10% Buffered Formalin:** 900ml distilled water; 100ml 37% formaldehyde solution; 8 grams NaCl; 4 grams potassium phosphate monobasic; 6.5 grams potassium phosphate dibasic (ISU Vet. Diag. Lab., User's Manual 1996, p. 11).

**Treatment for Ileitis:** There are no approved antibiotics for treating ileitis that is caused by *Lawsonia intracellularis*. However, there seems to be a low to medium minimum inhibitory (MIC) for tylosin, erythromycin, tetracycline, virginiamycin, penicillin, and fluroquinolones. A more common regimen for control of ileitis is carbodox at 50 grams/ton up to 75 lbs. followed by tylosin at 40 to 100 grams/ton for 21 days. The level of tylosin depends on the clinical picture (Winkelman, NL, Food Animal Medicine and Management, pp. S19-S25, The Compendium, Jan. 1996).

**Treatment of Post-weaning *E. coli* Diarrhea with Zinc Oxide:** The following is a consensus of a review article about the use of different regimens of zinc oxide to control post-weaning diarrhea in pigs: Feed 2,500 ppm of white zinc oxide (100% pharmaceutical grade). This would be about five pounds per ton. Feed zinc for 14 days, starting after weaning (Dee, S.E., Special Editor, Food Ani. Med. & Mgt., p. S26, The Compendium, Jan. 1996).

**How to Sharpen a Posting Knife:** Keeping a knife sharp is the job of the sharpening steel. Here's how: hold the steel vertically like a dagger with the point of the steel firmly placed on a wooden cutting board or similar piece of wood. Place the heel of the knife blade against the top of the steel. With the knife blade at a 20° angle to the steel, stroke the knife downward, pulling the knife handle toward you as you go down the steel, as if slicing off a piece of the steel. Use light to medium pressure. Be sure to stroke the entire blade edge from base to tip. Alternate between the right and left sides of the knife, four or five strokes per side. A knife should be steeled every time it is used (Chicago Cutlery, Lebanon, Missouri, 65536).

**The Post-weaning Diet:** The relative value of highly digestible (94%) post-weaning diets is 1.4:1 to 2.3:1 in favor of the expensive special weaning diet compared to grow/finisher feed. In addition, you end up with healthier, more trouble-free stock by avoiding the post-weaning stall-out (John Gadd, Pigs, Vol. 12:2, 1996).

**The Effects of Long and Short Day Photoperiods on Sexual Behavior in Young Boars:** Young boars reared during short photoperiods may need to be exposed to a longer photoperiod (15 hours/day) after reaching puberty before they will express an adequate level of sexual behavior. Young boars reared during long photoperiods may need to be exposed to a shorter photoperiod after reaching puberty to increase their sperm production capability (Don Levis, PhD, Ani. Sci. Dept., UN-L, Lincoln, NE).