

"HOGG SENSE..."

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Antigens: How many antigens are too many? Pigs receiving a single antigen (*Pasteurella multocida*, type A) (PMA) had higher PMA antibody titers than pigs receiving a multi-component vaccine ($P < .0004$). An approximate ten-fold increase was observed in the amount of antibodies formed in the pigs that received the PMA bacterin only. At the very least, producers should be advised to vaccinate only for the pathogens known to be present on the farm. (Stalder, KJ, MS, PhD, et al: *Large Animal Veterinarian*, May/June 1994, pp 18-19). Editor's Note: Because of the information above, knowledgeable veterinarians are monitoring the disease level on their client's farms and using farm specific autogenous vaccines to avoid overloading macrophages or other inhibitions by unnecessary antigens.

Evaluation of Lung Lesions: Accurate evaluation of the lungs at necropsy is not as simple as one might initially suspect. The most important features that must be assessed are the texture of the lung and the distribution of lesions. "If it's not firm, it's not pneumonia." Don't be too easily influenced by color. Redness only indicates the presence of blood in the tissues. (J. M. King, DVM, PhD, Cornell University; *Georgia Veterinary Newsletter*).

Dilution is the Key to Lagoon Management: Adequate dilution is the most important management factor in preventing odors from a lagoon. Add six gallons of fresh water to the lagoon for every gallon of manure. If a lagoon smells, the dilution rate may be too low. (Lorimor, J., Ag Engineer, ISU, Ames, Iowa; *Pork '97*, pp 24).

FDA Order Prohibits Extralabel Use of Fluoroquinolones and Glycopeptides: In the May 22, 1997, Federal Register, the FDA issued the above order to be added to the list of drugs that are prohibited for extralabel uses in food-producing animals. There are 11 drugs on the current list, they are:

1. Chloramphenicol;
2. Clenbuterol;
3. Diethylstilbestrol;
4. Dimetridazole;
5. Iprnidazole;
6. Other nitroimidazoles;
7. Furazolidone;
8. Nitrofurazone;
9. Sulfonamide drugs in lactating dairy cattle;
10. Fluoroquinolones; and
11. Glycopeptides.

***Lawsonia intracellularis* (Ileitis):** The most common ileitis situation is sudden death loss in late finishing pigs in high health status herds 10 to 14 days after the heaviest pigs are sorted off and sold. Stresses that occur in the late finishing stage from sorting, etc. cause carrier pigs to shed the organism to naive pen mates. (Winkelman, N., DVM, Morris, MN; *Swine Practitioner/July-August, 1997*, pp 4-7).

Post-weaning Multisystemic Wasting Syndrome - Another new Viral Disease?: Practitioners should be aware of this new disease that may be caused by a circovirus. Read about it in Dr. E. G. Clark's paper in the 1997 AASP Proceedings, page 499-500.