
"HOGG SENSE"

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Editor
Vol. 3, No. 3.

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Trichuris suis and Porcine Intestinal Adenomatosis (PIA): *Trichuris suis* (whipworms) may be associated with outbreaks of PIA. Look carefully for whipworm infestation when faced with a PIA outbreak. (Mansfield, LS: Proc. Am. Soc. Trop. Med. & Hyg., 9-1-93).

The Influence of Ursoselevit on Occurrence of MMA and Fertility of Sows: Uroseselevit (contains 5 mg sodium selenite and 30 mg tocopherol acetate) decreased clinical signs of MMA. Conception after weaning was 94.4% in treated sows and 75.9% in controls. Pig mortality on day 28 was 6.2% in treated sows and 13.2% in controls. (ISU Comm. in CE, Nov. 1993).

Enterotoxin Gene in *Clostridium perfringens*, Type A: A diarrhetic syndrome in piglets is caused by *Clostridium perfringens*, Type A. Type A does not contain the enterotoxin gene of *Clostridium perfringens*, indicating that this toxin is not involved in the Type A syndrome. (Van Damme-Jongsten, et al, Vet Record 126 (1990), pp 191-92). (Editors Note: If *Clostridium perfringens*, Type A, is the cause of piglet diarrhea, vaccinating sows with *Clostridium perfringens*, Type C, toxoid is not likely to be an effective prophylactic measure.)

Oxytocin Improves AI Success: NCSU researchers tested the effect of injecting 20 IU/oxytocin 2 minutes before AI. Pre-breeding oxytocin improved both farrowing rate and litter size. Farrowing rate: 85.3% for controls; 92.4% for oxytocin treated sows. Born alive: 9.4 for controls; 10.1 for oxytocin treated sows (semen was stored for > 72 hours). (National Hog Farmer, Dec. 15, 1994, p 17).

Marketing Cull Sows: Best to feed cull sows ad lib for 10 to 14 days after weaning at which time they qualify as a dry sow. Recently weaned sows (wet sows) are usually discounted \$1-3/cwt. Sows will gain 2 to 5 lbs. per day during the 2nd and 3rd week post-weaning but lose weight during the first week after weaning. Sow prices are lowest in November and December, therefore, it might be better to sell October/November weaned sows as wet sows. (Swine Line, Vol. 11, No. 1, 1995).

Lactating Sows too Warm: For every 1° F increase in farrowing house temperature above the sow's comfort zone (65-70 F), feed intake will decrease by 0.12 lb. per day. (Soc. for Therio. Sept/Oct 1993).

PRRS Virus: 1. NADC-8 virus exposure did not protect against Lelystad strain of PRRS virus. 2. PRRS can transmit in semen. (J. Zimmerman, DVM, ISU).