

to her neighbors who may have already farrowed can help save their piglets as well.

The thermal environment is probably the second most critical aspect to which to attend. Ensuring that the sow is not too hot and that the piglets are plenty warm can be tricky. However, success in both areas will allow the sow to have a maximum feed intake which will provide the pigs with greater nutrition, and it will help the pigs combat the challenges of malnutrition and disease.

As always, a clean environment goes a long way in providing a disease free state for both the sow and the piglet. Sow health can not be overlooked. Unhealthy sows, lame sows, and sows with pressure sores are less likely to be adept at lying and responding to their piglets and thus have a higher incidence of crushing.

References

1. Alonso, S.M., Ramirez, N.R., Gonzalez, L.M. Mota, R.D. and Trujillo, O.M.E. Piglet survival in early lactation: a review. *Journal of Animal and Veterinary Advances*. 2007; 6(1): 76-86.
2. Bowman, G.L., Ott, S.L. and Bush, E.J. Management effects on preweaning mortality: a report of the NAHMS National Swine Survey. *Swine Health and Production*. 2001; 4(1): 25-32.
3. Dutta, B. and Rahman, T. Epidemiological studies on the preweaning mortality of piglets in the organised farms of Assam. *Indian Veterinary Journal*. 2006; 83(4): 376-378.
4. Friendship, R.M., Wilson, M.R. and McMillan, I. Management and housing factors associated with piglet preweaning mortality. *Canadian Veterinary Journal*. 1989; 27: 8, 307-311.
5. Glastonbury, R.R. J. Preweaning mortality in the pig. Pathological findings in piglets dying between birth and weaning. *Australian Veterinary Journal*. 1977, 53: 7, 310-314; 32.
6. Johnson, A.K., Morrow, J.L., Dailey, J.W. and McGlone, J.J. Preweaning mortality in loose-housed lactating sows: behavioral and performance differences between sows who crush or do not crush piglets. *Applied-Animal-Behaviour-Science*. 2007; 105(1/3): 59-74.
7. Kalita, G., Roychoudhury, R. and Goswami, R.N. Causes of pre-weaning mortality in piglets. *Indian Veterinary Journal*. 2002; 79(1): 82-83.
8. Msolla, P. and Bhoop, S. Causes of preweaning mortality in a herd of Large-white and Hampshire pigs. *Indian Journal of Veterinary Medicine*. 1986; 6(2): 113-114.
9. Munya, S.J.M., Agumbah, G.J.O., Njenga, M.J., Kuria, K.J.N. and Kamau, J.A. Causes of preweaning mortality in small-scale and medium-scale intensive piggeries in Central Kenya. *Indian Journal of Animal Sciences*. 1991; 61(2):126-128.
10. Nath, D.R., Deka, D., Saikia, S and Mili, D.C. Studies on preweaning mortality of piglets in an organised farm. *Indian Journal of Animal Health*. 2001; 40(2): 133-136.
11. O'Reilly, K.M., Harris, M.J., Mendl, M., Held, S., Moyle, C., Statham, P., Marchant, F.J. and Green, L.E. Factors associated with preweaning mortality on commercial pig farms in England and Wales. *Veterinary-Record*. 2006; 159(7): 193-196.
12. Rao, A.V.N. and Rao C.R. Pre-weaning piglet mortality in pig breeding stations in Andhra Pradesh. *Livestock-Adviser*, Bangalore, India. 1981, 6: 9, 53-55; 3.
13. Schutter, A.C. Factors affecting preweaning mortality in swine. *Canadian Journal of Animal Science*. 1987; 67(4): 1165-1166.
14. Shobhamani, B. and Reddy, K.K. Causes of preweaning mortality in swine. *Indian Veterinary Journal*. 1999; 76(3): 257-258.
15. Sinha, D.K. and Rathore, B.S. An epidemiological study on preweaning piglet mortality in an organised farm. *Indian Journal of Comparative Microbiology, Immunology and Infectious Diseases*. 1998; 19(2): 114-117.
16. Vaillancourt, J.P. and Tubbs, R.C. Preweaning mortality. *Veterinary Clinics of North America, Food Animal Practice: Swine Reproduction*. 1992; 8(3): 685-706.
