Asian-Aust. J. Anim. Sci. Vol. 17, No. 10:1329~1478 October 2004 ISSN 1011-2367

## ASIAN-AUSTRALASIAN JOURNAL OF ANIMAL SCIENCES

JOINTLY PUBLISHED WITH KOREAN SOCIETY OF ANIMAL SCIENCE AND TECHNOLOGY

OFFICIAL JOURNAL OF THE ASIAN-AUSTRALASIAN ASSOCIATION
OF ANIMAL PRODUCTION SOCIETIES (AAAP)