STATUS DECISION OF CONTROLLED 
AND NON-CONTROLLED SUBSTANCE(S)

Substance:  Zearalane

Based on the current information available to the Office of Controlled 
Substances, it appears that the above substance is:

Controlled  □
Not Controlled  X

under the schedules of the Controlled Drugs and Substances Act (CDSA) for the 
following reason(s):

- the substance is not listed in the schedules of the CDSA and can not be 
considered to belong to any family or group listed in the schedules.
- currently Zeranol is listed on Schedule IV of the CDSA as “24. Zeranol 
(3,4,5,6,7,8,9,10,11,12-decahydro-7,14,16-trihydroxy-3-methyl-1H-2-
benzoxacyclotetradecin-1-one)”, derivatives are not included.
- Zearalane is a derivative of Zeranol.

Supporting document(s) attached:  □

Prepared by:  ___________________________    Date:  2005-03-22
Ian Grimwood

Verified by:  ___________________________    Date:  2005-05-20
By E-mail  Richard Laing

Approved by:  ___________________________    Date:  2005-06-13
DIRECTOR, OFFICE OF 
CONTROLLED SUBSTANCES
Zearalane
Related Names:
3,4,5,6,7,8,9,10,11,12-Decahydro-14,16-dihydroxy-3-methyl-1H-2-benoxacyclotetradecin-1-one
2,4-Dihydroxy-7-methyl-7,8,9,10,11,12,13,14,15,16-decahydro-6-oxa-benzocyclotetradecen-5-one

Zeranol
(3,4,5,6,7,8,9,10,11,12-decahydro-7,14,16-trihydroxy-3-methyl-1H-2-benoxacyclotetradecin-1-one)