

May 1, 1989

NOTE TO FRANK SANDERS

**RE: ISOXABEN
POTENTIAL TO LEACH INTO GROUND WATER**

The pending registration of isoxaben on turf has been evaluated by EFGWB. This evaluation indicated that under the utmost extreme conditions where most pesticides would get into ground water, a degradate of isoxaben would also get into ground water. The ground water assessment stated additional data would be needed to fully assess the leaching potential of isoxaben. However based on available data, isoxaben under normal use conditions is not expected to leach into ground water.

The data supporting isoxaben registration meets the data requirements in Part 158. These data are not the same set of data desired to fully assess the leaching potential of a chemical. In order to do a more complete assessment of isoxaben, an adsorption/desorption batch equilibrium study and an anaerobic soil metabolism study using isoxaben and its degradate are needed. In order to complete the assessment of isoxaben and its degradates, the registrant should be asked to submit these data. These additional data, for reasons given above, are not to be construed as a condition of registration

/s/

Henry J., (Acting) Chief
Environmental fate
and Ground Water Branch