



Position Statement

Response to:

“Perturbation of Organogenesis by the Herbicide Atrazine in the Amphibian *Xenopus laevis*”

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<http://www.ehponline.org/members/2007/10742/10742.html>

In evaluating the real-world implications of the above study, Syngenta believes it prudent to consider the following facts:

- First, the concentrations tested (levels in parts per million) were near or at the limit of atrazine's aqueous solubility, were unrealistically high, and are not found in thousands of samples taken from Midwestern streams. Thus, the effects Lenkowski et al reports are not relevant to potential environmental scenarios.
- Second, the effects observed were simply related to general acute-phase effects on organogenesis. Even though the authors report that effects were observed on most organs, this is simply an indication of non-specific acute, high-dose toxicity rather than any atrazine-specific toxicity on any individual tissues. Testing chemicals at such unrealistic concentrations is sure to generate effects, but the results have no bearing in real life.

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