Supporting Data for EPA's Effect Determinations for Atrazine Relative to Three Federally Listed Endangered Freshwater Mussels and Two Federally Listed Endangered Freshwater Fish. (August 14, 2007)

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VIA FEDERAL EXPRESS

August 14, 2007

Arthur-Jean B. Williams
Document Processing Desk (7504P)
Office of Pesticide Programs
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202

SUBJECT:	**Supporting Data for EPA's Effect Determinations for Atrazine Relative to Three Federally Listed Endangered Freshwater Mussels [Catspaw (*Epioblasma obliquata obliquata*), Fat pocketbook (*Potamilus capax*), Northern riffleshell (*Epioblasma torulosa rangiana*)] and Two Federally Listed Endangered Freshwater Fish [Pallid sturgeon (*Scaphirhynchus albus*), Topeka shiner (*Notropis Topeka*)]**

Dear Ms. Williams,

With this letter and attached submission volume Syngenta is providing available scientific data for use in the United States Environmental Protection Agency's (EPA's) effect determinations for atrazine relative to three federally listed endangered freshwater mussels [Catspaw (*Epioblasma obliquata obliquata*), Fat pocketbook (*Potamilus capax*), Northern riffleshell (*Epioblasma torulosa rangiana*)] and two federally listed endangered freshwater fish [Pallid sturgeon (*Scaphirhynchus albus*), Topeka shiner (*Notropis Topeka*)].

Syngenta is providing detailed species location information for the listed mussels and fishes and information on habitat characteristics for each of the above-mentioned species. This refined spatial analysis is provided here and in electronic format accompanying this submission (accompanying CD). Pursuant to the terms of the NATURESERVE AGREEMENT FOR LICENSE OF THREATENED AND ENDANGERED SPECIES DATA AND SUPPORT SERVICES (further described within an electronic copy of the confidentiality statement provided on the accompanying CD), documents generated from such files and revealing specific location data must include the note "Confidential and Proprietary – For Internal Use Only."

Overall, spatial analyses of species locations, appropriate representation of the atrazine monitoring data, differences in flow rate, consideration of effects data, and a more detailed evaluation of the potential impact of atrazine on grassy/herbaceous and woody riparian areas

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supports "no effect" or "may affect, but not likely to adversely affect" determinations for potential direct and indirect effects to the five species named above.

Syngenta appreciates the opportunity to provide this information. If you have questions or any additional information needs please contact me at 336-632-7627.

Sincerely,

Dan Campbell
Senior Regulatory Product Manager II
Syngenta Crop Protection, Inc.