











Exploring Urban Integrated Pest Management

Activities and Resources for Teaching K-6















Written and Developed by

Erica Bosley Jenkins

Community and School IPM, Michigan State University Pesticide Education Program B18 Food Safety and Toxicology Building, East Lansing, MI 48824, jenkinse@msue.msu.edu

This resource was developed in partial fulfillment of a grant from the Michigan Department of Agriculture and the United States Environmental Protection Agency, Region V, entitled:

Urban Pest Management Policy and Programs: Applied Pilot Studies in Michigan, under the direction of **Dr. Christina DiFonzo**, MSU Pesticide Education Program and **Dr. R. James Bingen**, Department of Resource Development, Michigan State University.

October 2001

All lessons in this resource as well as updates and links can be found on the internet at: www.pested.msu.edu

Special Thanks

We would like to thank all of the individuals who helped test many of these lessons during the 2000-2001 school year at Emerson Elementary School in Saginaw, Michigan. We tested these ideas in a slightly different format as an IPM classroom. Modeled after the G.A.P. Agribusiness classroom, the Integrated Pest Management (IPM) classroom brought facilitated activities/lessons or field trips on related topics to both 4th grade classes at Emerson once a week for the entire school year. **Erica Jenkins, Demetrius Swilley, Kim Thiel and Lorna Keaner** co-taught the class to all 53 4th grade students at Emerson Elementary. We are indebted to all who participated in this endeavor including the following:

Ting Bienvenida Graduate Student, Resource Development Department, Michigan State University

Lorna Keaner Teacher, Emerson Elementary, Saginaw School District
Charles Lee Custodian, Emerson Elementary, Saginaw School District

Sam Maisano Science Coordinator, Saginaw School District

Donald Scott Assistant Superintendent, Saginaw School District; Saginaw IPM Program Director

Larry Swain Community Program Manager, Pesticide Division, Michigan Department of Agriculture

Demetrius Swilley G.A.P. (Growth and Afrocentric Program) Agribusiness Facilitator

Kim Thiel Teacher, Emerson Elementary, Saginaw School District

Lawrence Watson G.A.P. Program Manager; Saginaw IPM Program Outreach chairperson

Dr. Lawrence Wells Principal, Emerson Elementary, Saginaw School District

53 4th graders at Emerson Elementary, 2000-2001 school year

Additional Assistance in the Classroom

Darrell Drake Bernadette Franklin John Franklin Louis Harvey
Charles Lee Ellenor McCravy Irma Mitchell Thulani Moyo

Chris Ray Harry Staves



MSU is an affirmative-action, equal-opportunity institution. Michigan State University Extension programs and materials are open to all without regard to race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, marital status, or family status. Issued in furtherance of MSU Extension work, acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture, Margaret Bethel, Extension Director, Michigan State University, East Lansing, MI 48824.