

**Michigan Department of Agriculture & Rural Development**  
**Environmental Stewardship Division**  
**MAEAP SPILL RESPONSE – FY15**



**Coordinator:** Jack Knorek, 517-243-0072, knorekj@michigan.gov

**Legal Authority:** Natural Resources and Environmental Protection Act, Public Act 451 of 1994, Parts 83 (Pesticide Control) and 85 (Fertilizers)

**Description of the Program:**

- The Spill Response Program provides technical assistance for agri-chemical and manure spills, including the approval of land application of spilled materials at agronomic rates.
- Individuals with a pesticide, fertilizer, or manure spill can call the Michigan Department of Agriculture and Rural Development Spill Response line at 800-405-0101.
- An agreement between MDARD and the Michigan Department of Environmental Quality allows for MDARD to take the lead in the state's response to agri-chemicals and manure.
- This voluntary program allows agricultural producers to minimize or eliminate environmental contamination resulting from a spill incident.



**Why it Matters:**

- Michigan's farmers seek to raise food, feed, and fiber in a cost-effective and environmentally sensitive manner; the Spill Response Program provides support to address both aspects when accidents occur.
- While rare, accidents involving pesticides and/or fertilizers can present significant environmental risk.

**Key Stakeholders**

- Agricultural suppliers and producers
- Environmental advocates and regulators
- Michigan consumers

**Key Statistics:**

- 180,000 pounds of pesticides
- 615,000 pounds of fertilizers
- 1.2 million pounds of manure

**FY15 Accomplishments:**

- Enhanced environmental protection.
- Continuing trust between Michigan’s agricultural community and MDARD.
- Stronger working relationship between MDARD and MDEQ.

**Measuring Success:**

Metric	2011	2012	2013	2014	2015
<b>Spill Incidents Reported</b>	14	12	11	7	17
<b>Types of Spills</b>					
Agricultural	9	5	5	2	11
Lawn care	5	7	6	5	6
<b>Materials Spilled</b>					
Pesticides (pounds)	9,500	11,305	350	40,100	1,550
Fertilizer (pounds)	35,000	36,000	5,000	250	2,350
Manure (pounds)	45,000	135,000			80,000
<b>Material Disposal</b>					
Agronomic application	89,000	182,205	5,350		80,000
Landfill - incinerate	500	100		40,350	3,900

**Dashboards and Scorecards:**

- The Spill Response Program did not have an item on the departmental scorecard. Staff is working with MDARD’s Director of Strategy and Business Performance to improve metrics and design measures toward this end.

**FY16 Goals:**

- The Spill Response Program will have MDARD staff at the scene of an incident within four hours of any notification requiring a physical presence.