

**Michigan Department of Agriculture & Rural Development**  
**Environmental Stewardship Division**  
**MAEAP SPILL RESPONSE – FY17**



**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:**

- 182,500 pounds of pesticides
- 615,000 pounds of fertilizers
- 1.2 million pounds of manure

**FY16 Accomplishments:**

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

**Measuring Success:**

Metric	2012	2013	2014	2015	2016	2017
<b>Spill Incidents Reported</b>	12	11	7	17	8	11
<b>Types of Spills</b>						
Agricultural	5	5	2	11	4	7
Lawn care	7	6	5	6	4	4
<b>Materials Spilled</b>						
Pesticides (pounds)	11,305	350	40,100	1,550	2,585	5,353
Fertilizer (pounds)	36,000	5,000	250	2,350		600
Manure (pounds)	135,000			80,000	80	8,000
<b>Material Disposal</b>						
Agronomic application	182,205	5,350		80,000	480	13,953
Landfill - incinerate	100		40,350	3,900	2,185	

**Dashboards and Scorecards:**

- 100% of spills will be properly mitigated, with reports filed within 48 hours of the incident’s resolution.
- A hot wash will be conducted within two weeks of each incident.
- If necessary as determined by MDARD staff, or as requested by a responsible party, MDARD staff will be at the scene of an incident within four hours of first contact.

**FY18 Goals:**

- All program metrics will be met.