

Off-target Pesticide Drift in Michigan

Pesticide Use Regulation No. 637, Rule 10

All pesticide applications are required to be made in a manner that minimizes off-target drift, unless prior authorization and consent are obtained from the owner or resident of the land onto which drift may occur. Off-target drift is the physical movement of a pesticide at the time of application from the targeted site of application to any non-target site. It does not include the off-target movement of a pesticide by means of erosion, volatilization or windblown soil particles after the application of a pesticide. Off-target pesticide drift can injure non-target plants, humans and animals, and has the potential for producing illegal residue on non-target sites.

When pesticide off-target drift is likely to occur because of the nature of the application or atmospheric conditions such as wind speed and direction, *a written drift management plan shall be utilized* by the applicator to minimize the occurrence and adverse effects of off-target drift. A record of sites where off-target drift occurred shall be maintained for at least one year for any general-use pesticide application and at least three years for any restricted-use pesticide application.

DRIFT MANAGEMENT PLAN

Directions: Complete all applicable sections and maintain the plan on file in case of a complaint. A drift management plan must be reviewed annually by the pesticide applicator or completed each time off-target pesticide drift occurs. This plan meets the requirements of Pesticide Use Regulation No. 637.

1) Planning a pesticide application

Read the pesticide label(s) to identify drift management requirements.	<input type="checkbox"/> Yes		
Is off-target pesticide drift likely?	<input type="checkbox"/> Yes	<input type="checkbox"/> No (Spray cautiously; a drift management plan is not required. If drift does occur, complete sections 2-5 below.)	
If yes, what is the possible direction of off-target drift?	N NE E SE S SW W NW		
Are there sensitive areas (homes, crops, plants, people, livestock, etc.) that may receive off-target drift?	<input type="checkbox"/> Yes	<input type="checkbox"/> No (Spray cautiously; a drift management plan is required. Complete sections 2-5 below.)	
Document the informed consent of the residents in the affected areas to off-target drift (before application). Get signatures, if possible. If not all residents agree, then you should delay pesticide application until off-target drift is NOT likely to occur.			
Resident name:	Sensitive area(s):	Date of consent:	
_____	_____	_____	
_____	_____	_____	

2) Pesticide application information*

Date of application:	Time of application:
Wind speed:	Other data:
Field(s)/farm(s):	
Applied pesticide(s) and EPA registration number(s):	
_____	<input type="checkbox"/> General-use <input type="checkbox"/> Restricted-use pesticide
_____	<input type="checkbox"/> General-use <input type="checkbox"/> Restricted-use pesticide
_____	<input type="checkbox"/> General-use <input type="checkbox"/> Restricted-use pesticide
*Your regular pesticide record-keeping form should agree with this section and include all state and federal required application information.	

3) Indicate (✓) the pesticide off-target drift-reducing practices that will be or were used:

Larger spray droplet sizes: <input type="checkbox"/> Larger nozzle size <input type="checkbox"/> Reduced spray pressure <input type="checkbox"/> Increased spray volume <input type="checkbox"/> Spray additive or thickeners
<input type="checkbox"/> Specialized equipment that is designed to minimize drift (drift-reducing nozzle types)
<input type="checkbox"/> Reduced release distance from sprayer tip to target
<input type="checkbox"/> A no-spray buffer strip
<input type="checkbox"/> Identification of maximum wind speed and direction when application can be made
<input type="checkbox"/> Wind shields on sprayer
<input type="checkbox"/> Windbreaks to contain or deflect spray drift
<input type="checkbox"/> Other practices (specify):

4) Notification documentation: If off-target pesticide drift occurs, before leaving the application site the applicator must provide either verbal or written information to the residents of the affected areas. The information must include at least the name, address and phone number of a person who may be contacted regarding the pesticide application.

Resident(s) affected	Method of notification			Date and time
	Verbal	Sign	Written letter	

5) Name of pesticide applicator

Complete this form anytime that off-target pesticide drift occurs or annually when reviewed by the pesticide applicator. Keep a written copy of this plan on file.

Pesticide applicator and certification number (if applicable)	Date