



595 - INTEGRATED PEST MANAGEMENT IMPLEMENTATION REQUIREMENTS

Name:	Farm No./Tract No.:
Address:	Field Number(s):
Assisted by:	Financial Assistance Program:
Date:	Contract Number:

Practice Purpose(s) (check all that apply)	
<input type="checkbox"/> To prevent or mitigate off-site pesticide risks to water quality from leaching, solution runoff, and adsorbed runoff losses. <input type="checkbox"/> To prevent or mitigate off-site pesticide risks to soil, water, air, plants, animals, and humans from drift and volatilization losses.	<input type="checkbox"/> To prevent or mitigate on-site pesticide risks to pollinators and other beneficial species through direct contact. <input type="checkbox"/> To prevent or mitigate cultural, mechanical and biological pest suppression risks to soil, water, air, plants, animals, and humans.

Associated Practices																
<p>This practice may be applied alone or in combination with other supporting Delaware conservation practice standards.</p> <input type="checkbox"/> The following practices are needed, and have been or will be implemented: (check all that apply) <table style="width: 100%; margin-left: 20px;"> <tr> <td><input type="checkbox"/> Agrichemical Handling Facility (309)</td> <td><input type="checkbox"/> Nutrient Management (590)</td> </tr> <tr> <td><input type="checkbox"/> Brush Management (314)</td> <td><input type="checkbox"/> Mulching (484)</td> </tr> <tr> <td><input type="checkbox"/> Conservation Crop Rotation (328)</td> <td><input type="checkbox"/> Residue and Tillage Management, No-Till (329)</td> </tr> <tr> <td><input type="checkbox"/> Cover Crop (340)</td> <td><input type="checkbox"/> Residue and Tillage Management, Reduced Till (345)</td> </tr> <tr> <td><input type="checkbox"/> Field Border (386)</td> <td><input type="checkbox"/> Riparian Herbaceous Cover (390)</td> </tr> <tr> <td><input type="checkbox"/> Filter Strip (393)</td> <td><input type="checkbox"/> Riparian Forest Buffer (391)</td> </tr> <tr> <td><input type="checkbox"/> Forage Harvest Management (511)</td> <td><input type="checkbox"/> Other practices (specify):</td> </tr> <tr> <td><input type="checkbox"/> Irrigation Water Management (449)</td> <td></td> </tr> </table> <input type="checkbox"/> No associated practices are needed.	<input type="checkbox"/> Agrichemical Handling Facility (309)	<input type="checkbox"/> Nutrient Management (590)	<input type="checkbox"/> Brush Management (314)	<input type="checkbox"/> Mulching (484)	<input type="checkbox"/> Conservation Crop Rotation (328)	<input type="checkbox"/> Residue and Tillage Management, No-Till (329)	<input type="checkbox"/> Cover Crop (340)	<input type="checkbox"/> Residue and Tillage Management, Reduced Till (345)	<input type="checkbox"/> Field Border (386)	<input type="checkbox"/> Riparian Herbaceous Cover (390)	<input type="checkbox"/> Filter Strip (393)	<input type="checkbox"/> Riparian Forest Buffer (391)	<input type="checkbox"/> Forage Harvest Management (511)	<input type="checkbox"/> Other practices (specify):	<input type="checkbox"/> Irrigation Water Management (449)	
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Practice Specifications

Integrated Pest Management Layout and Plan	<input type="checkbox"/> Plan(s) attached
<p>This practice will be implemented according to an Integrated Pest Management (IPM) plan, which includes the following:</p> <ol style="list-style-type: none"> 1. Plan Map - field numbers and acres in the IPM system. 2. Soils Map - plus map unit descriptions for the managed area. Indicate <u>sensitive resources and setbacks</u>, if applicable. 3. Risk Assessment - interpretation of the environmental risk analysis from WIN-PST. Attach a copy of the completed <i>Pest Management Considerations in Conservation Planning</i> worksheet and <i>Integrated Pest Management</i> worksheet from the Excel-based WIN-PST Jobsheet. 4. Mitigation - identification of appropriate mitigation techniques. Refer to NRCS Agronomy Technical Note 5 – Table 1 and 2 for pesticide risk mitigation. 5. Prevention/Avoidance - a list of pest prevention and avoidance strategies that will be implemented, if applicable. 6. Scouting - a scouting plan for each crop that includes scouting guidelines based on plant’s stage of growth. Include scouting methods and pest thresholds that warrant treatment, if applicable. 7. Other Monitoring Plans (if applicable) - such as weather monitoring to indicate when pesticide application for prevention is warranted. <p><u>Note:</u> Items 5, 6, and 7 are required to document an Advanced (comprehensive) IPM plan, but they may not be applicable when only a limited number of mitigation techniques are sufficient to address identified natural resource concerns.</p>	

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Crop Types and Level of Integrated Pest Management (IPM) Treatment						
Field No(s).	Acres	Crop Types (describe)		Level of IPM*		
		Field/Forage Crops	Fruit/Vegetable Crops	Basic, 1 RC	Basic, >1 RC	Advanced
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>* For each line, check only <u>one</u> level of IPM treatment. The levels of IPM plans are: Basic IPM, 1 RC - basic plan for treatment of 1 identified resource concern Basic IPM, >1 RC - basic plan for treatment of 2 or more identified resource concerns Advanced IPM - comprehensive plan for treatment of all identified resource concerns</p>						
Operation and Maintenance (check all that apply)						
<p><input type="checkbox"/> Review and update the plan periodically in order to incorporate new IPM strategies, respond to cropping system and pest complex changes, and avoid the development of pest resistance.</p> <p><input type="checkbox"/> Maintain mitigation techniques identified in the plan in order to ensure continued effectiveness.</p> <p><input type="checkbox"/> Calibrate application equipment according to University of Delaware Cooperative Extension and/or manufacturer recommendations before each season of the use and with each major chemical change.</p> <p><input type="checkbox"/> Maintain records of pest management for at least two years. Pesticide application records shall be in accordance with USDA Agricultural Marketing Service's Pesticide Recordkeeping program and site specific requirements.</p> <p>As applicable records include:</p> <ol style="list-style-type: none"> 1. Monitoring or scouting results including the date, scouting method, pest population/degree of the infestation, pest threshold (action level) that warrant treatment, and the crop or plant community condition; 2. When and where each pest suppression technique was implemented; 3. When and where special IPM techniques were implemented to mitigate site-specific risks (e.g. soil incorporation of a pesticide to reduce surface runoff to a nearby stream). <p>Note: Applicability will depend on the level of IPM adoption and mitigation requirements.</p>						

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Operation and Maintenance (continued)

Record Keeping for Restricted Use Pesticides

The USDA requires private pesticide applicators to keep a record of all restricted use pesticide (RUP) applications. For additional information, refer to Delaware Department of Agriculture, Pesticide Section, "Pesticide Record Keeping Book for Private Applicators."

The Federal pesticide record keeping regulations require all commercial applicators to furnish a copy of the required data to the customer within 30 days of the RUP application. These records must be maintained for two years following application by the customer.

Any producer that employs non-family individuals must comply with WPS (Worker Protection Standards) requirements. These requirements are specified on product labels that include information on protective equipment, restricted entry, and posting. Commercial applicators must provide the following information to the grower before the application of a WPS-labeled pesticide:

1. Specific location to be treated; time and date the pesticide is scheduled to be applied;
2. Product name, EPA Registration No. and active ingredient;
3. Restricted entry interval for the pesticide;
4. Whether the field must be posted (Do Not Enter); and any other specific requirements on the pesticide labeling concerning the protection of workers and other persons.

Other requirements, or follow-up needed (describe):

Additional Recommendations/Notes:

Plan Approval

Certified Planner Signature	Title	Date
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Plan Received and Accepted

Client Signature	Date
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Certification of Practice Completion

This Integrated Pest Management Practice has been implemented and meets the requirements of Delaware NRCS Conservation Practice Standard 595. Any changes to the planned practice are noted in Practice Specifications.

Certified Planner Signature	Title	Date
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