



# Professional Turf & Sod Uses

To ensure all interests are factored into the development and implementation of Best Management Practices/Pollution Prevention Measures for Imidacloprid, the Department is requesting comments from all Stakeholders. The goal of these measures is to reduce or eliminate the movement of Imidacloprid to Long Island's groundwater while continuing to meet the region's pest management needs.

Check the box below that applies to your interest in attending the Imidacloprid Stakeholder Meeting

- Imidacloprid User
- Imidacloprid Distributor
- Concerned About Imidacloprid in Long Island Groundwater

1) Modifications to Imidacloprid Uses and Application Techniques		A Good Option	Already in Use	More Information Needed	Option Really Does Not Apply
<b>Question #1:</b> Select the Boxes that Apply for Each of the Possible Modified Use & Application Techniques for Professional Turf & Sod Applications					
1	Reduce imidacloprid application rates				
2	Limit use to one application per season				
3	Limit use to 0.4 lb active ingredient per acre per year				
3	Application via drop rather than broadcast spreaders for granular materials with runoff warning language				
4	Develop guidance on timing of applications to maximize quantity staying on target and loss of imidacloprid through runoff and leaching				
5	Establish irrigation water management plan				
6	Light irrigation to reduce unwanted movement (soil application) and avoid irrigation immediately following foliar sprays (except for light irrigation of turf)				
7	Improve calibration of application equipment				
8	Establish agricultural handling facility for mixing of chemicals				
9	Do not apply immediately prior to heavy rain				
10	Do not apply to saturated or waterlogged soil				
11	Scout and treat only where grub or leatherjacket populations are over threshold				

**Question #2:** As an imidacloprid user, order the top three approaches listed above, that you feel will allow continued beneficial use of imidacloprid while at the same time reduce or eliminate movement of this insecticide to Long Island's groundwater.

1) \_\_\_\_\_

2) \_\_\_\_\_

3) \_\_\_\_\_

**Question #3:** Based on your experience, are there possible Pollution Prevention (P2) Measures/Best Management Practices (BMPs) that are not included in the list above? If so, please describe in the space below.

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**Question #4:** Are there P2 measures/BMPs in the list above that do not belong? If so, please describe in the space below.

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**Question #5:** Are there certain situations where you feel that changes are difficult to implement or where there are no current alternatives? If so, please describe in the space below.

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### Possible Alternative/Rotational Insecticides – Landscape Turf and Sod Farms

**Question #6:** As an imidacloprid user, which products listed are the most effective alternatives or rotational products that may reduce imidacloprid usage.

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_

Trade Names		Active Ingredient
1)	BotaniGard	Beauveria bassiana
2)	Bisect, Menace, Talstar	Bifenthrin
3)	Sevin	Carbaryl
4)	DuraGuard ME, Lorsban, Dursban, etc.	Chlorpyrifos
5)	Dylox	Trichlorfon
6)	Oriental Beetle MD	z-tetradec-7-en-one

Possible Non-Pesticide/IPM Alternatives Landscape Turf and Sod Farms		A Good Option	Already in Use	More Information Needed	Option Really Does Not Apply
<b>Question #7:</b> Select the Boxes that Apply for Each of the Possible Non-Pesticide/IPM Alternatives					
1	Use of tolerant cultivars				
2	Improve soil health and quality				
3	Improve irrigation practices/develop an irrigation water management plan				
4	Use of mating disruption techniques (oriental beetle)				
5	Biological control (entomopathogenic nematodes)				
6	Manage soil moisture to discourage egg laying (leatherjackets) and maintain turf vigor				
7	Promote guidance on proper handling of containers and excess product to minimize potential for groundwater contamination.				

Education and Outreach	
<b>Question #8:</b> The Department intends on offering BMP/P2 Education and Outreach events. To help us schedule these, please list dates and names of known events between October and December 2015?	
Date/s	Event
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

**Question #9:** Are there specific areas where assistance is needed or where assistance would be helpful with implementing specific BMPs/P2 measures? If so, please indicate below. This could include financial, educational, technical, planning assistance, etc.


### Groundwater Quality

**Question #10:** Are there additional approaches that should be considered for protecting groundwater quality on Long Island? If so, please indicate below.


### General Comments


Written comments can also be mailed to the Long Island Pesticide Pollution Prevention Strategy team at: NYSDEC, Division of Materials Management, 625 Broadway, Albany, NY 12233-7254 or emailed to: [LongIslandStrategy@dec.ny.gov](mailto:LongIslandStrategy@dec.ny.gov)

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Business or Organization:	
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