



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

### Modifications to Imidacloprid Uses and Techniques

**Question #1:** Select the Boxes that Apply for Each of the Possible Modified Use & Application Techniques for Agriculture Use Patterns

		A Good Option	Already in Use	More Information Needed	Option Really Does Not Apply
1	Precision banded soil applications (esp. cucurbits)				
2	Reduce application rates (esp. soil treatment)				
3	Treat hot spots only				
4	Use of treated seed (carrot, onion, leek)/seed piece treatment (potato)				
5	Restricting use to perimeter or trap crops (e.g. cucurbits, potato, tomato)				
6	Use only later in the season, not at-plant (e.g. potato at hilling; cucurbits, fruiting & leafy vegetables, brassica in drip or sidedress)				
7	Improve calibration of application equipment				
8	Establish agricultural handling facility for mixing of chemicals				
9	Treat transplants in flats (e.g. cucurbits, fruiting vegetables) rather than in-field				
10	Have supplemental label for soil applications (added restrictions)				
11	Wider band rather than narrow spray in furrow (potato)				
11	Guidance on timing of application to maximize quantity staying on target and loss of imidacloprid through runoff and leaching.				

**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 – Agriculture

**Question #6:** As an imidacloprid user, order the top five insecticides from the table on the right, that you feel are the most effective alternatives or rotational products that may reduce imidacloprid usage.

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_
- 4) \_\_\_\_\_
- 5) \_\_\_\_\_

	Trade Names	Active Ingredient
1)	Agri-Mek, Reaper, etc.	Abamectin
2)	Orthene 97, Acephate, etc.	Acephate
3)	Assail	Acetamiprid
4)	Azatin, Neemix, Aza-Direct, etc.	Azadirachtin
5)	Sevin, Carbaryl, etc.	Carbaryl
6)	Dursban, Lorsban	Chlorpyrifos
7)	Kryocide, Prokil Cryolite	Cryolite
8)	Cygon 400, Dimethoate, etc.	Dimethoate
9)	Super Tin	Fentin Hydroxide
10)	Beleaf	Fonicamid
11)	Avaunt	Indoxacarb
12)	Malathion	Malathion
13)	Lannate	Methomyl
14)	Rimon	Novaluron
15)	M-Pede	Potassium Laurate
16)	Fulfill	Pymetrozine
17)	Baythroid, Warrior, Asana, Ambush, Brigade, Danitol, Pounce, etc.	Pyrethroids
18)	Esteem	Pyriproxyfen
19)	Radiant	Spinetoram
20)	Entrust/Blackhawk	Spinosad
21)	Movento	Spirotetramat
22)	SunSpray Ultra-Fine, SuffOil-X, Stylet Oil	Horticultural Oil

Possible Non-Pesticide/IPM Alternatives Agriculture Use Patterns		A Good Option	Already in Use	More Information Needed	Option Does not Really Apply
1	Rotation of crops				
2	Use of intercropping techniques				
3	Interseeding cover crops				
4	Use of crop Isolation techniques				
5	Use of infield vegetative strips				
6	Use of resistant rootstocks				
7	Use of resistant cultivars				
8	Row covers during early stages of plant growth				
9	Use of reflective or plastic mulch				
10	Physical removal of pests and infested foliage/plants				
11	Post-harvest crop destruction				
13	Use of trench trapping in the spring along field borders adjacent to overwintering sites (Colorado potato beetle)				
14	Use of propane flame treatment on field perimeters for newly emerged adults as plants emerge (Colorado potato beetle, potatoes)				
15	Improve soil health and quality				
16	Reduced tillage				
17	Improved guidance on timing of tillage to avoid soil compaction and tillage during pesticide applications				
18	Encourage use of IPM field scouting and forecasting (e.g. NEWA) to time management applications				
19	Improve irrigation practices/develop an irrigation water management plan				
20	Use of mating disruption techniques				
21	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)

Name: \_\_\_\_\_ Business or Organization: \_\_\_\_\_ Phone: \_\_\_\_\_ Email: \_\_\_\_\_