



WESTCHESTER COUNTY
PEST MANAGEMENT
COORDINATOR

ANNUAL REPORT 2009

GOALS OF THE PMC

- Protect the health of people
 - Reduce direct exposure to toxins
 - Improve indoor air quality
- Protect water resources from pesticide contamination
- Set a good example for Westchester Co.
- Promote Integrated Pest Management

Pest Management Committee Changes

- IPM COORDINATOR HIRED
- MEETS LAST **WEDNESDAY** OF THE MONTH
- SITE VISITS AND REPORTS
- DATABASE OUTPUT
- EXPERIMENTATION WITH CIVITAS LOW RISK FUNGICIDE
- INVENTORY OF PRODUCTS USED V. CANCER RISKS
- PHOSPHORUS ELIMINATION PLAN

IMPLEMENTING THE LAW

- Develop procedures and guidelines for integrated pest management
 - No Phosphorous based fertilizers are used on county property unless new seeding is initiated.
 - Only low risk pesticides are used unless waiver is granted.
- Consult with department heads who are involved with or contract for pest management programs and methods.

SITE VISITS COMPLETED TO DATE

- DUNWOODIE
- MAPLE MOOR
- HUDSON HILLS
- MOHANSIC
- PLAYLAND PARK
- SAXON WOODS
- SPRAIN LAKE
- PEEKSKILL WWTP
- BOARD OF ELECTIONS—WHITE PLAINS
- DEPARTMENT OF SOCIAL SERVICES
- VALHALLA CORRECTIONAL FACILITY
- OFFICE OF DISABLED—WHITE PLAINS

Exempt pesticides

- Containerized baits for ant, roach, and rodent control
 - Almost exclusively using baits and gels to reduce exposure
- EPA exempt materials (FIFRA 25b list)
 - EcoPCO exempt products for roaches



WHILE PERFORMING AN ON-SITE VISIT WITH THE DPW, WE WERE ABLE TO TREAT A BEDBUG INFESTATION WITHIN HOURS OF THE OCCURRENCE, RELOCATE THE EMPLOYEES TO ANOTHER ROOM, TREAT WITH THE LEAST TOXIC METHODS, AND ALLOW THEM BACK IN NEXT DAY WITHOUT MISSING WORK. SUBSEQUENT FOLLOW –UP DEMONSTRATES THE TREATMENT WAS 100% EFFECTIVE.



IMPORTANCE OF SITE VISITS

- NOTED AREA WHERE OLD CONTAINERS WERE USED AND SUBSEQUENTLY REMOVED
- HANDS ON INSTRUCTION OF APPLICATORS
- LOCATIONS NEEDING MORE ATTENTION BY CERTIFIED APPLICATORS
- BETTER COMPLIANCE WITH NYSDEC REGULATIONS
- DIALOGUE WITH DEPARTMENTS AND APPLICATORS



Implementation plans

- "County departments responsible for pest management shall prepare an annual implementation plan."

Hudson Hills Golf Course
Pesticide Management Plan
2009

Hudson Hills Golf Course is the latest installment to Westchester County Golf Courses. We have taken advantage of the latest technology to help in the reduction of pesticides. This technology plus the following strategies will enhance our ability to comply with the *Westchester County Pesticide Reduction Law*.

Audubon Cooperative Sanctuary Program

Hudson Hills is in its final step in certification into the Audubon Cooperative sanctuary program. Assessment of our golf management practices in the following six areas will assist us in achieving our goals:

1. Environmental Planning
2. Wildlife and Habitat Management
3. Chemical Use Reduction and Safety
4. Water Quality Management
5. Outreach and Education

Integrated Pest Management

Hudson Hills incorporated the principles of Integrated Pest Management. A systematic approach to managing pest, focusing on long term prevention or suppression with a minimum impact on human health, the environment, and non-target organisms characterize the management practices.



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Sponsors

We are supported by and partner with organizations and individuals from around the world to help foster sustainability and environmental stewardship. Through financial and in-kind contributions, sponsorships, program support, knowledge-sharing, on-the-ground stewardship projects, program membership, and assistance in outreach and education these organizations help us make a difference. Below are a few examples of the types of support we receive from organizations and the ways we are partnering with others.

To become a partner, contact: Jessica DesLauriers, Development Manager, by [Email](#)

Naturalized Areas

Reducing the areas to be maintained and allowing these areas to go natural will reduce the use of pesticides. The creation of no mow areas, planting of wildflowers, and establishing wildlife corridors will be the elements of the naturalized areas.



Expansion of “no-mow” areas and natural wildlife corridors enhances beauty and reduces the need for pesticides and associated labor costs.

Posting and Notification

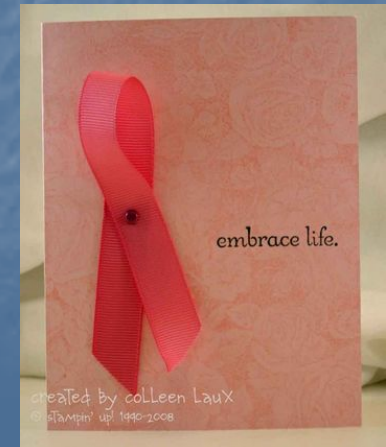


LINK TO POSTING WILL BE HERE ON FINAL
PRESENTATION

EPA RISK CATEGORY FOR PESTICIDES REGISTERED IN NYS

1. CARCINOGEN TO HUMANS—NONE
2. LIKELY TO BE CARCINOGENIC—NONE
3. SUGGESTIVE EVIDENCE OF CARCINOGENIC POTENTIAL—NONE
4. INADEQUATE INFORMATION TO ASSESS CARCINOGENIC POTENTIAL—NONE
5. NOT LIKELY TO BE CARCINOGENIC TO HUMANS—NONE
6. MULTIPLE DESCRIPTORS—NONE

**THERE ARE CURRENTLY NO
PESTICIDES USED IN
WESTCHESTER COUNTY
PROPERTIES THAT APPLY TO
THESE CATEGORIES.**



ROUND-UP HERBICIDE USE LASDON PARK

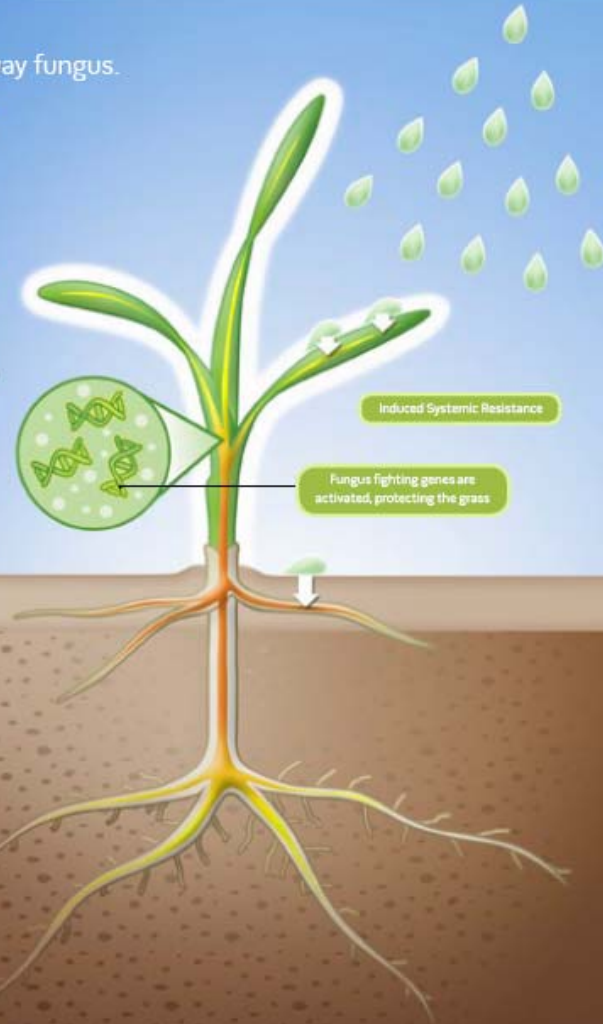
AMOUNT IN OZ.	LOCATION	PRODUCT	YEAR
246		ROUND-UP	1997
344		ROUND-UP	2000
64		ROUND-UP	2001
724		ROUND-UP	2002
152		ROUND-UP	2003



LEAST TOXIC ALTERNATIVE

Here's how CIVITAS drives away fungus.

- ▶ CIVITAS is the first commercially available fungicide for the golf industry based on an Induced Systemic Resistance (ISR) mode of action.
- ▶ Unlike chemical fungicides, CIVITAS does not kill the fungus.
- ▶ CIVITAS is a "plant defense activator" that turns on the natural defenses of the plant to fight off the fungus.
- ▶ Its synthetic isoparaffin-based formulation actually defends against fungus attack. Since the fungus can't gain a foothold, it dies off.
- ▶ CIVITAS strengthens turf quality right down to the roots – you'll notice greener grass in hours.



The result is effective fungus control... and a healthier, greener course.







THANK YOU