

ATTACHMENT 3**FY 2004-05 IPM/Pesticide Report**

- Comprehensive records of pesticide use in the Landscape Division/Public Works Department during the last fiscal year indicate that Town staff provided the following pesticide related services:
 - A. Applied a total of 459 diluted gallons of “Round-up” to Town properties. Of this amount 31% was applied in Parks and along the wooded edges of trail systems, 38 % was applied to facilities (including Housing), and the remaining 21% was applied along Fordham Boulevard, Martin Luther King Jr, Boulevard, and the Town's Park and Ride lots.
 - B. Applied a total of 35 diluted gallons of “Vantage” (selective grass herbicide). This product was used in a limited number of Town perennial beds.
 - C. Applied a total of 4 diluted gallons of poison ivy killer/brush killer. This product was used at limited locations at Homestead Park **and** along the wooded edges of trail systems.
 - D. Applied a total of 55 lbs. of granular “Snap Shot” (broad leaf pre-emergent herbicide) in perennial beds at Park and Ride Lots and along Fordham Boulevard.
 - E. Applied a total of 2.5 diluted gal of “Manage” to control sedges in turf areas at limited sites.
 - F. Applied a total of 1,500 lbs. of 29-17-19 slow release fertilizer at the Town’s six Bermuda grass playing fields.
 - G. Utilized a total of 22 17.5 oz cans of wasp and hornet killer. This product was used in public areas that received heavy use including parks, Public Housing neighborhoods and Town facilities

- Typical examples of I.P.M. practices utilized during the course of the year included; significant hand pulling of weeds in all annual beds, most perennial beds and tilling up of weeds in playgrounds; mulching all bedding areas during the winter; and installing disease resistant annuals and perennials during the relevant growing seasons.

- Witherspoon who treats for disease and insects at the Town’s rose garden provided us with a typical treatment schedule (attached). The “Captan” is a fungicide, “Clearys” is a systemic insecticide and “Orthene” is a contact insecticide. Note that there is a July treatment which contains “Sevin” and may vary in it’s frequency of treatment depending on the Japanese beetle population at that time. The January treatment contains lime sulfur which is a least toxic pest management measure to eliminate over-wintering insects.

- The Fire and Housing Departments reported no heavy pest infestations in their buildings and therefore no interior contact spraying was provided in the last fiscal

year. Instead, when needed, their pest control contractor “Cleggs” utilized a baiting system that is specific to the target pest (i.e. ants, roaches etc.).

- The Public Works Facilities Maintenance Division utilized “The Bug Man” as their pest control contractor. “The Bug Man” used Pyrethroids, which are a plant based broad-spectrum residual insecticide. About 17 diluted gallons were sprayed in Town facilities last fiscal year. The Parks and Recreation Department used “Sawyer” as their pest control contractor and they utilized Lambda - cyhalothrin for structural pest control. About 3 1/2 gallons were applied at the Parks and Recreation administration building during the last year fiscal year.
- “TruGreen Chemlawn” was contracted to apply pre and post-emergent weed controls to the soccer and baseball fields at Homestead Park and the soccer fields at Meadowmont Park in accordance with a treatment schedule (attached). This represents a total area of 8.3 acres.
- “Orkin” Pest Control was used to control the rat population in the Central Business District. They utilize an Anticoagulant Rodenticide in a baiting system. A total of 720 oz. were used during the last fiscal year.

**F.E. Stroud Memorial Garden
Chapel Hill, NC 27514**

# of Plants Sprayed	Month	# of Sprayings	Products	# of oz. Per gallon	# of gallons water sprayedeach time	Total # of oz per month
471	January	1	Lime Sulfer	4.5 gal per 100	40 gal	1.8 gals
471	April	2	Captan Clearys Orthene	13 oz 4.5 oz 4.5 oz	55 gal	44 oz
471	May	3	Captan Clearys Orthene	16 oz 5.5 oz 5.5 oz	70 gal	82.5 oz
471	June	3	Captan Clearys Orthene	20.5 oz 6.5 oz 6.5 oz	85 gal	100.5 oz
471	July	3	Captan Clearys Sevin	22.5 oz 7.5 oz 22.5 oz	95 gal	157.5 oz
471	August	3	Captan Clearys Orthene	22.5 oz 7.5 oz 7.5 oz	95 gal	112.5 oz
471	September	3	Captan Clearys Orthene	22.5 oz 7.5 oz 7.5 oz	95 gal	112.5 oz
471	October	3	Captan Clearys Orthene	22.5 oz 7.5 oz 7.5 oz	95 gal	112.5 oz
Totals for Year		21 Sprayings			630 gallons water	746 oz
Sprayings done by: Witherspoon Rose Culture 3312 Watkins Rd. Durham, NC 27707 (919) 489-4446						

TRUGREEN ChemLawn

TruGreen Limited Partnership
Commercial Services
PO Box 590
Morrisville, NC 27560
Main: 919-787-0905
Fax: 919-781-7086

Spec Sheet for Chapel Hill Public Works' Athletic Fields
July '04 - July '05

10/1/04: Barricade (.33lbs/A), TruPower (1418 mls/A)
11/18/04: TruPower (1418 mls/A)
3/4/05: Barricade (.33lbs/A), Cool Power (1418 mls/A)
5/5/05: Barricade (.33lbs/A), Triplet (1500 mls/A)
6/16/05: Triplet (1500 mls/A), Manage (1.33 ozs/A), MSMA (1500 mls/A)