



V I L L A G E O F K E Y B I S C A Y N E

Office of the Village Manager

MEMORANDUM

Village Council
Robert L. Vernon, Mayor
Enrique Garcia, Vice Mayor
Michael W. Davey
Robert Gusman
Michael E. Kelly
Jorge E. Mendia
Thomas Thornton

Village Manager
Genaro "Chip" Iglesias

DATE: June 1, 2010
TO: Honorable Mayor and Members of the Village Council
FROM: Genaro "Chip" Iglesias, Village Manager
RE: Crandon Park Agronomic Service Plan

RECOMMENDATION

It is recommended that the Village Council authorize the agronomic treatment schedule of the fields at Crandon Park by TRUGREEN for a total cost of \$8,400/yr as described in Exhibit "A".

BACKGROUND

The fields at Crandon Park are currently used by the Village for athletic activities. The Village would like to improve the condition of the fields so they will be more suitable for these activities. The field is currently a mix of several species of grass and weeds.

The Village reviewed different options to provide an improved playing surface. The first option was to replace existing mixed grass with new sod. This option was prohibitively expensive in light of the fact that the amended use agreement for this facility will expire on May 4, 2013. The second option is to treat the existing field using an annual agronomic service plan to improve the field. The services proposed for the Crandon Park fields are intended to support increased growth of the desirable St. Augustine and Bermuda turf in this mixed grass field while reducing weeds and insect activity, particularly fire ants. The frequency will provide the best results in the shortest period of time.

Miami-Dade County has agreed to permit the annual service plan contingent on the following conditions:

- 1. A copy of the label on all chemicals that will be applied to the field.
2. A proposed schedule for the application of fertilizers and chemicals (for conflicts with special events).
3. MSMA is no longer permitted as an herbicide in County parks.
4. A copy of the insurance certificate naming the County as 'additional insured'.
5. Contractor to coordinate with the park manager entering and exiting the park.

The Village and the Contractor are confident that these conditions can be met.

These agronomic services will be expanded to include the Village Green, KBCS and St. Agnes in the new fiscal year budget. Any service required prior to the new fiscal year will be paid from the existing field maintenance line item within the Parks and Recreation Department. The services proposed for the fields located at the Village Green, KBCS and St. Agnes are developed to support very good results on high traffic athletic turf. These specifications are nearly identical to the services TRUGREEN provides to the NFL football field playing surface at All-Tel Stadium, home of the Jacksonville Jaguars. The scope of service provides all of the chemical and fertilization inputs required to deliver quality athletic turf. The scope of work to be provided by TRUGREEN is attached as Exhibit "B".

EXHIBIT “A”



Village of Key Biscayne
 Master Service Schedule - Crandon Park Fields

Village of Key Biscayne Crandon Park Mixed Turf

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
Granular Fertilization		N		N				N		N		N	5
Liquid Fertilization	C		C			C	C		C		C		7
Grassy Weed Control	Po	Po	Po	Po		Po	12						
Broadleaf Weed Control	Po	Po	Po	Po		Po	12						
Surface Insect Control	T	T	T	T		T	T	T	T	T	T	T	12
Fire Ant	T	T	T	T		T	T	T	T	T	T	T	12
Application Price	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	8,400.00
Monthly	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	700.00	

Service Key

Fertilization: N = Ammonium Sulfate
 SRN = Complete fertilizer 25% slow release
 C = Complete fertilizer, Liquid
 F = Iron
 K = Potassium Sulfate

Weed Control: Pr = Pre Emergent
 Po = Post Emergent
 S = Spot Treat as needed

Insect Contr T = Talstar as needed
 TC = TopChoice

EXHIBIT “B”



Village of Key Biscayne
Athletic Fields Maintenance

Scope of Work:

Scheduled applications will be completed twelve (12) times per. Applications will include fertilization, turf damaging insect control, broadleaf weed control, grassy weed control and pre-emergent weed controls. Applications will follow the Master Service Schedule attached.

Application types:

- Liquid and/or granular fertilizer will be used to improve health and vigor or due to property conditions. Nitrogen target rates are 12-16 lbs/1000 square feet annually.
- Pre-Emergent weed control (Ronstar) will be applied one (1) time per year to help control both broadleaf and grassy weeds. TruGreen will also apply Pre-emergent weed control during the growing season to assist in prevention of grassy and broadleaf weeds.
- Post-Emergent broadleaf and grassy weed control will be applied in both blanket applications and for area treatment
- Top-Choice Insecticide will be used for control of mole crickets and fire ants one (1) time per 12 month period. This will provide season long control for mole crickets and year long control of fire ants. The application will be completed in June to control nymphs and hatching mole crickets. Additional insect controls will be used throughout the year as needed at no additional charge.
- Liquid insect control will be applied as needed to control surface insects in both blanket treatments and area treatment
- Disease control will be used on an as needed basis
- All services will be performed at times which will least interfere with scheduled activities.

Soil samples will be taken from 3 times annually or more often if needed from each section on the sites. The samples will be tested for funguses, diseases, soil ph and nematode activity. There unfortunately is no nematode control available. A healthy, vigorous turf is the best protection from nematodes. Soil sample testing is free of charge and available at any time. If it is determined that applications of products outside the scope of this contract are required there may be an additional cost. TruGreen will work with you to make sure that your property is properly taken care of.

TruGreen shall perform monthly performance reviews on site with the designate of the Village of Key Biscayne. This will consist of a scheduled walk through in a written report card format (Quality Audit). Areas noted as deficient or needs work will be documented and action and time line agreed upon.