



A DIVISION OF PATTEN SEED COMPANY

FOR ESTABLISHED LAWNS

ZOYSIA MAINTENANCE PROGRAM

DATE	PRODUCTS	APPLICATION COVERAGE
February	Fortify Crabgrass Preventer (To prevent grassy weeds) Fast Acting Lime	2 lbs / 1000 sq. ft. (Only use on established turf) 6 lb / 1000 sq. ft.
April	Fortify Crabgrass Preventer **Weed Control Granules Fungicide -Prophesy	2 lbs / 1000 sq. ft. 2 lbs / 1000 sq. ft. 5 lbs / 1000 sq. ft.
May	Fertilizer, 29-3-4 Fungicide - Prophesy	3.5 lbs / 1000 sq. ft. 5 lbs / 1000 sq. ft.
June	Iron Granules (green-up turf) **Soil Wetting Agent	2.5 lbs / 1000 sq. ft. 3.5 lbs / 1000 sq. ft.
Late	Grubz Away (10 lbs) or (30 lbs)	2 lbs / 1000 sq. ft.
July	Lawn Food 29-3-4 Lawnstar (Bifenthrin) (to prevent Army Worms, Fire Ants, General Pest Control) Iron Granules **Soil Wetting Agent	3.5 lbs / 1000 sq. ft. 2 lbs / 1000 sq. ft. 2.5 lbs / 1000 sq. ft. 3.5 lbs / sq. ft.
August	**Soil Wetting Agent Lawnstar (Bifenthrin) (to prevent Army Worms, Fire Ants, General Pest Control)	3.5 lbs / 1000 sq. ft. 2 lbs / 1000 sq. ft.
September	Fertilizer, 5-10-25 + Fortify Crabgrass Preventer (to prevent winter weeds) Fungicide, Disarm	4 lbs / 1000 sq. ft. 3 lbs / 1000 sq. ft.
October	Fast Acting Lime Fungicide, Disarm	6 lb / 1000 sq. ft. 3 lbs / 1000 sq. ft.

The reverse side of this integrated Maintenance Program will define some of the products listed above and the roles they play. REMEMBER, "AN OUNCE OF PREVENTION IS WORTH A POUND OF CURE".

** Optional items as needed

NOTE: Always read and follow closely the instructions on the label of any products you apply to your turf

*Products and application rates are based on Professional Turf Recommendations.

*Soil wetting Agent application is a key component to this program. Please use it!

*If you have any questions or concerns please give us a call @ 1-800-928-TURF or 704-525-8873.

MOWING HEIGHT: 1/2" - 1-1/2". Raise 1/2" higher during the summer heat. Remove no more than 1/3 total height at one time.

WATER: Established lawns - 1 inch per week if no rainfall. Sod laid in fall or winter months must not be allowed to dry; water as needed.

PRE-EMERGENT

Weeds can be a problem in most every lawn. Most broadleaf weeds can be controlled easily with a good POST-EMERGENT HERBICIDE (*Fortify Weed Control Granules*) unlike most grassy weeds, like Crabgrass and Goose grass. Grassy weeds are harder to kill after they are established and can be very costly to control. Also, fertilization is a key factor in having a weed free turf but it is not the total solution. Using a PRE-EMERGENT HERBICIDE strategically will aid greatly in controlling a weed problem before it begins. ****Fortify WEED CONTROL GRANULES APPLICATION: Grass should be damp with no chance of rain or cutting for 1-2 days. NOTE: DO NOT USE THESE PRODUCTS BEFORE OVERSEEDING AND SEEDING. PLEASE CALL US FOR DETAILED INFORMATION ON OVERSEEDING AND THE USE OF PRE-EMERGENTS.**

POST-EMERGENT HERBICIDES FOR BROADLEAF WEEDS

There are several good POST-EMERGENT HERBICIDES we recommend. Granular, concentrated liquids and ready-to-use liquids are available. Please stop in a see us for the recommendation that will suit your need. We have products for both applications. Post-Emergent should only be used when turf is actively growing and not under stress. ****FORTIFY, WEED CONTROL GRANULES**, can be used on most turf type grasses.

DISEASES

There are various diseases, which can affect Zoysia Turf grass. Large Patch (*Rhizoctonia solani*) of Zoysia is a fungus that can wreak havoc on a Zoysia lawn during cool, wet conditions of fall and early spring. Properly timed applications of a fungicide can help reduce the damage that fungus can cause. A fungicide application should be made starting late summer when soil temperatures are below 70 degrees, with a second follow up application made 28 days later. A couple of cultural practices that will help reduce the incidence of Large Patch are to avoid excessive nitrogen applications especially in the late summer. Also correct any areas that may be poorly drained and avoid over watering.

HEAT STRESS AND DRY CONDITIONS

High temperatures, high humidity and dry conditions are common denominators for stressed Zoysia Turf during the summer months. **Soil Wetting Agent** is the best product to use during this period to fight these stressful conditions attacking your Zoysia Turf. Soil wetting Agent allows the soil to absorb as much water as it can hold and makes that water readily available to the grass. It also, helps excess water to penetrate the soil surface quickly, preventing excess moisture at surface level, removing a primary element for fungus infestation. This product will also improve the grass's ability to uptake nutrients in the soil. Using Soil Wetting Agent will not only optimize the water applied to your turf but it will reduce the amount and frequency needed to sustain a healthy Zoysia Turf during the summer months. **PLEASE USE THIS PRODUCT. NOTE: WAIT AT LEAST 5 DAYS BEFORE OR AFTER FERTILIZATION BEFORE APPLYING THIS PRODUCT.**

OTHER DROUGHT PRODUCTS

Soil Wetting Agent is very good product to apply during the hot summer months and drought conditions. This product allows the surface of the ground and plants to accept the water faster and pull the water deeper into the root system. By doing this the plant receives a more efficient watering with less water. The soil wetting agent also will distribute the water more evenly throughout the lawn. If you have small low areas that may tend to say to wet this product can help prevent this in some cases. Wind as well as heat can dry out newly install sod.
ABOUT OUR DROUGHT PLAN!

DETHATCH:

If thatch exceeds .5" deep use a vertical mower with blades 1" part; go over the lawn only two directions. Topdressing with .25" of soil is most effective.

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