Gluten-8 Pre-emergent  
**RATE:** 1 quart per 1,000 sq. ft. diluted by hose-end sprayer

Milky Spore  
**RATE:** 7,000 sq. ft.

ICT CaFe Lime  
**RATE:** 1 quart per 16,000 sq. ft.

Regalia  
**RATE:** 1-2 oz. per gallon  
3-8 pts. per acre

EarthWorks 3-4-3  
**RATE:** 5 pounds per 1,000 sq. ft.

EarthWorks 10-2-5  
**RATE:** 5,000 sq. ft.

EarthWorks Renovate Plus  
**RATE:** 20-50 pounds per 1,000 sq. ft.

Corn Gluten Granular  
**RATE:** 3,000 sq. ft.

**TURF AND GARDENING STORE GENERAL RECOMMENDATIONS**

- **LET US ANALYZE YOUR SOIL ONCE PER YEAR AND PUT YOUR RESULTS ON FILE FOR FUTURE REFERENCE. THE COST IS MINIMAL...DEPENDING ON SCIENCE IS BETTER THAN GUESSSING.**
- **ALWAYS READ THE MANUFACTURER LABEL WHEN APPLYING ANY AND ALL SOLU-CAL, FERTILIZER, FUNGICIDES, INSECTICIDES, HERBICIDES, AND ANY OTHER LAWN AND GARDEN PRODUCT. IT IS IMPORTANT TO BE CAUTIOUS, SAFE, AND RESPONSIBLE TO BOTH YOU AND MOTHER EARTH.**
- **ALWAYS SWEEP AND/OR BLOW ANY AND ALL LAWN AND GARDEN PRODUCT MATERIALS OFF IMPERVIOUS SURFACES (DRIVEWAYS, SIDEWALKS, WALKWAYS) BACK INTO YOUR LAWN, GARDEN OR PLANT BEDS.**

**APPLICATION GUIDE**

**PROFESSIONAL SOIL ANALYSIS for your LAWN...PLANT BEDS...OR GARDENS**

As a professional do-it-yourself home lawn owner, it is imperative you learn proper fundamental agronomic science. Once you understand a few basic critical scientific premises, you will be much more successful in your attempts to develop your lush green lawn...rich healthy plant bed...wholesome productive garden! And, by following your *Specialists*’ advice at The Turf & Gardening Store, you can save both time and money!

When you bring us your soil sample from your lawn, plantbeds or garden, your friendly Specialist from The Turf & Gardening Store will send it to be analyzed. We use a professional laboratory...turn around time is about 1 week. Your Turf & Gardening Store Specialist will then review the analysis with you, teach you how to understand it, and make the proper recommendations to improve your lawn, plantbeds, or gardens. Then we personalize the process by filing a copy of your lawn analysis and our recommendations in a file at The Turf & Gardening Store for further reference.

We recommend you bring us a 1 pint soil sample at least once a year so that you can learn what...when...how much...and most importantly...why! Your Specialist at The Turf & Gardening Store understands that sound agronomic advice and our mission at The Turf & Gardening Store is simply to offer ONLY PROFESSIONAL ADVICE...and teach you properly so that you own the knowledge FOREVER!
1. **January/February**

**LET US TEST YOUR SOIL AND DESIGN AN ANNUAL MAINTENANCE PROGRAM**

Start the year with a scientific analysis of your lawn soil and let us help you design an Annual Lawn Maintenance Program specifically designed for your lawn. Stop guessing at what may or may not be best for your lawn. Depend on scientific soil analysis and let the Turf and Gardening Store help you with professional planning and scientific advice.

**SOIL ANALYSIS:** Pull approximately 1 pint of soil from 3 separate locations in your lawn. Extract the soil from the top 3 in. of your soil profile. Mix all 3 samples homogeneously and bring to the Turf and Gardening Store.

2. **March**

**MARCH 15 – MARCH 30**

- ICT Gluten-8 Liquid Corn Gluten pre-emergent weed control
- KaPre Embella
- Start Regalia for deer
- Apply granular corn gluten for crabgrass

3. **April**

**APRIL 1 – APRIL 30**

- ICT CaFe Lime
- Repellex mole/vole control
- Apply Scythe or Fiesta for broadleaf weeds
- ICT Gluten-8 Liquid Corn Gluten pre-emergent weed control
- 2nd application of corn gluten
- 1st application of milky spore
- Insect control: Spinoasd, neem oil or horticultural oil

4. **May**

**MAY 15 – MAY 30**

- ICT Gluten-8 Liquid Corn Gluten pre-emergent weed control...
- KaPre Embella
- Regalia Fungicide for brown patch
- Apply pesticides:
  - Spinoasd, neem oil or horticultural oil
  - Apply Apri Flos or copper fungicide for ornamentals
- Organic feed Earthworks 8-2-2

5. **June**

**JUNE 1 – JUNE 30**

- Earthworks 3-4-3 100% Organic Fertilizer
- KaPre Embella
- Apply 2nd application of Regalia for brown patch
- Apply copper fungicide for ornamentals
- 2nd application of corn gluten
- Apply Scythe or Fiesta for broadleaf weeds
- 2nd application of milky spore

6. **July**

**JULY/AUG**

- ICT CaFe Lime
- 3rd application of Regalia Fungicide
- 3rd application of corn gluten
- Earthworks 3-4-3
- Spray Serenade for plant fungus

7. **August**

**AUGUST**

- 4th application of Regalia Fungicide
- KaPre Embella
- Apply Spinoasd, eight or triple action for insect control

8. **September**

**FALL LIGHT & TOTAL RENOVATION**

(Aeration, Liming, Fertilization, Seeding)

- Visit the Turf and Gardening Store and design a program to fit your needs and budget.

**OVERSEEDING (LIGHT RENOVATION)**

**STEP 1**

Visit the Turf and Gardening Store and design a program to fit your needs and budget.

**STEP 2**

Mow your existing lawn to a maximum height of 2.0 inches. Do not collect the clippings. Begin aeration ASAP after mowing.

**STEP 3**

Aerate any/all areas you plan to overseed. Aerate slowly with one pass in the better lawn areas...2 slow passes in your worst areas. Cross-cross your pattern and allow the soil plugs to fall and remain on the lawn.

**STEP 4**

Apply SOLU-CAL (if needed) at approximately 6.0 lb. per 1,000 sq. ft. Drag on and or the freshly aerated soil plugs and the SOLU-CAL into the aerated holes throughout the lawn.

**STEP 5**

EarthWorks Renovate PLUS applied after aeration
- ICT Earth’s Harvest Liquid Fertilizer applied at time of over-seeding and again 1 week later as starter fertilizer
- Solu-Cal Enhanced Calcium Lime if needed as determined after soil test

**STEP 6**

Apply professional Blue-Tag Certified groSMART Seed through-out all aerated areas at approximately 3-5 lbs. of grass seed per 1,000 sq. ft.

**STEP 7**

Immediately after STEP 6, water (if possible) the entire renovated area thoroughly. This will help reduce seed loss to wind/rain erosion and birds feeding.

**STEP 8**

Water (if possible) the entire renovated area (depending on natural rainfall) daily. Continue to water the entire area thoroughly for approximately 2 weeks until new turf grass is established. Once new lawn is established...water thoroughly once a week.

**HEAVY SEEDING (TOTAL RENOVATION)**

**STEP 1**

Visit the Turf and Gardening Store and design a program to fit your needs and budget.

**STEP 2**

Mow your existing lawn to a very low height of approximately 2.0 in. Please collect the clippings. Try not to allow them to fall onto existing lawn.

**STEP 3**

OPTIONAL: For total renovation, apply Round-Up Quick Pro at 1.5 oz. per 1,000 sq. ft. on any/all existing turfgrass you plan to renovate. Wait 5 days and reaply where needed.

MANDATORY: Aerate any/all areas you plan to totally renovate, slowly. Aerate slowly a minimum of 2 passes...3 or 4 if necessary while criss-crossing your pattern with each pass. Allow all soil plugs to remain on lawn...as they fall.

**STEP 4**

Apply SOLU-CAL (if needed) at approximately 12.5 lb. per 1,000 sq. ft. Drag or the freshly aerated soil plugs and the SOLU-CAL into the renovated area throughout your lawn.

**STEP 5**

Drum and or rake your final lawn elevation to a smooth and moveable surface. Fill in low areas/depressions and remove excessive humps. Put your lawn’s final surface into moveable condition.

**STEP 6**

Apply the Turf and Gardening Store Professional (starter) fertilizer at approximately 7.0 lb. of fertilizer per 1,000 sq. ft. over the entire renovated lawn area.

**STEP 7**

Apply Professional Blue-Tag Certified groSMART Seed through-out all aerated areas at approximately 5 lbs. of grass seed per 1,000 sq. ft.

**STEP 8**

Immediately after STEP 7, water (if possible) the entire renovated area thoroughly. This will help reduce grass seed loss to wind/rain erosion and birds feeding.

**STEP 9**

Water (if possible) the entire renovated area (depending on natural rainfall) daily. Continue to water the entire area thoroughly for approximately 2 weeks until new turf grass is established. Once new lawn is established...water thoroughly once a week.

9. **October**

- EarthWorks 10-2-5 100% Organic Fertilizer
- KaPre Embella
- Apply Milky Spore

10. **November**

- EarthWorks 10-2-5 100% Organic Fertilizer

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