

TURF PROGRAM

SPRING TURF: Fertilization & Renovation Plans



Get your lawn back in shape after the long Winter months. With all the cold and wet weather your turf may look a little yellow, stressed, have moss, and be wet. When the warmer weather comes back, it will try to spring back to life. With limited nutrients in the soil, excess wetness, or full of moss, it will struggle to come back and weeds will try to take over. This is the perfect time to get your lawn back into shape. Hendrikus Organics has the Organic fertilizer, seed, and soil amendments to make your lawn healthy for the long Spring and Summer ahead.

IMPROVING TURF QUALITY AND FERTILITY WITH MINOR LAWN RENOVATION

1. Remove largest patches of thatch, weeds & moss with a garden trowel, rake or shovel.
2. Aerate lawn with power aerator or foot aerator to break up thatch layer and allow nutrients to get to the roots easier. Make sure to pop a core out of the ground. If the soil is too wet or too dry this will be difficult, so timing is critical to get proper aeration. If the soil is poor, remove the cores from the lawn.
3. Apply **AxisDE[®]** (diatomaceous earth) to wettest areas in non-irrigated lawns or wettest and driest areas in irrigated lawns and rake or stiff broom into aeration holes. You can also mix **AxisDE[®]** with sand in wet areas to add more structure. Every application is a permanent addition and doesn't break down, so new applications add to the previous application.
4. Fertilize lawn with Hendrikus Organics **Seasons[™] 8-0-4** OR **Nitrogen Plus[™] 10-0-2***
If your lawn has been applied with synthetic fertilizer, or it's a little yellow or looks hungry, we recommend our **Nitrogen Plus[™] 10-0-2. It will provide a little kick up front to green up your lawn.*

 **Seasons[™] 8-0-4:** **APPLY AT 10# PER 1000 SQUARE FEET.**

 **Nitrogen Plus[™] 10-0-2:** **APPLY AT 8# PER 1000 SQUARE FEET.**

5. Spray a mixture of Hendrikus Organic's **HuMagic[®] Liquid & OceanMagic[™]** on the lawn with a tank sprayer to add humic acid, biochar, fish nutrients, and microbial life.

 **MIX 8 OZ OF EACH & ADD WATER TO MAKE 2 GALLONS. 2 GALLONS OF MIXTURE WILL COVER 1000 SQ.FT.**

6. Over-seed bare areas in existing lawn with **Hendrikus Sun/ Shade Turf Seed Mix**. Make sure seed makes contact with soil. Ideally apply seed when day highs are 60F+. If you apply seed below 60F, make sure to apply it heavier. Try not to apply seed before heavy rains as rain can move seed around.
7. Apply a light top dressing of mulch on bare areas in lawn to help hold in moisture for seed germination.
8. Lightly water lawn to dampen mulch and seed. Keep seed moist with light afternoon waterings for the first 7-10 days if needed to promote germination. Dry seed will not germinate.
9. Apply **Calpril[™]** lime to raise pH 3 weeks after fertilization.

 **Calpril[™] :** **APPLY AT 20# - 40# PER 1000 SQUARE FEET**

IMPROVING TURF QUALITY AND FERTILITY WITH FULL LAWN RENOVATION

1. Remove any excess dead moss, grass & thatch with rake or power rake (dethatcher).
2. Remove all existing weeds with garden trowel, rake or shovel.
3. Aerate lawn with a power or foot aerator to break up thatch layer and allow nutrients to get to the roots easier. Make sure to pop a core out of the ground. If the soil is too wet or too dry this will be difficult, so timing is critical to get proper aeration. If the soil is poor, remove cores from the lawn.
4. Apply **AxisDE®** (diatomaceous earth) to entire lawn with a fertilizer spreader and rake or stiff broom into the soil and aeration holes. Try to fill up as many aeration holes with **AxisDE®** as you can. You can also mix **AxisDE®** with sand in wet areas to add more structure.

 **AxisDE®:** *APPLY AT 100# - 150# PER 1000 SQUARE FEET.*

5. Fertilize lawn with Hendrikus Organics **Nitrogen Plus™ 10-0-2** to help fill in the lawn after dethatching and help transition the lawn to our organic fertilizers.

 **Nitrogen Plus™ 10-0-2:** *APPLY AT 8# PER 1000 SQUARE FEET*

6. **OPTION** – If you didn't do a soil test to confirm high phosphorus levels or the soil test confirmed low phosphorus levels, apply Hendrikus Organics **Soil Enhancer™ 2-10-0** to ensure you have enough phosphorus for good, new seed root growth.

 **Soil Enhancer™ 2-10-0:** *APPLY AT 8# PER 1000 SQUARE FEET*

7. Spray a mixture of Hendrikus Organic's **HuMagic® Liquid & OceanMagic™** on the lawn with a tank sprayer to add humic acid, biochar, fish nutrients and microbial life.

 *MIX 8 OZ OF EACH & ADD WATER TO MAKE 2 GALLONS. 2 GALLONS OF MIXTURE WILL COVER 1000 SQ.FT.*

8. Over-seed entire lawn with **Hendrikus Sun/ Shade Turf Seed Mix**. Make sure seed makes contact with soil. Ideally apply seed when day highs are 60F+. If you apply seed below 60F, make sure to apply it heavier. Try not to apply seed before heavy rains as rain can move seed around.

 **Hendrikus Turf Seed:** *APPLY AT 8# - 10# PER 1000 SQUARE FEET.*

9. Apply a light top dressing of mulch on bare/thin areas in lawn to help hold in moisture for seed germination.

10. Lightly water lawn to dampen mulch and seed bed. Keep seed moist with light afternoon waterings if needed for the first 7-10 days to promote germination. Dry seed will not germinate.

11. Apply **Calpril™** lime to raise pH 3 weeks after fertilization.

 **Calpril™:** *APPLY AT 20# - 40# PER 1000 SQUARE FEET*