

LABORATORY SOIL ANALYSIS FOR COMPLETE LAWN CARE

PROFESSIONAL PRESCRIPTION SOIL ANALYSIS



SURVEY INFORMATION...
showing soil porosity and thatch thickness allows for recommendations for improvement to foster better root development and easier watering.

Main Root Development: 3 inches
Regular Cutting Height: 2.5 inches
Sq. Footage of Test Area: 8600 feet
NAME: MR. & MRS. MAURER
STREET: 941 GOVERNORS ROAD
CITY: ROSLYN NY 11565
(516) 555-1212
CLIENTS NAME: BLUE/RYE MIX
WATERING METHOD: MANUAL (HOSE & SPR.)
LAWN LIFE STAGE: ESTABLISHED
Client Number: MAW941
Sample Date: 05/05/99
Report Date: 05/14/99
Type of Soil: CLAY
Last Liming: 04/01/99

THE pH IS MEASURED
4 factors are considered in making the final recommendations. Nothing will work right if the soil pH is wrong.

LABORATORY ANALYSIS AND RECOMMENDATIONS

TEST	RESULTS	OPTIMUM RANGE	RATING	RECOMMENDATIONS
1a. Corine Depth:	4"	12" +	LOW	Apply 4 oz./1000 sq. ft. Organic Soil Conditioner at 6-8 wk. intervals until Optimum Range reached.
1b. Thatch Layer Depth:	.5"	0 - .125"	HIGH	2 Applications micro-organisms at 6 week intervals.
2. Nitrogen Content	2%	10% +	LOW	Add 50 lbs./1000 sq.ft. organic material. (2 appl. of 25 lbs./1000 sq.ft. at 4-6 mo. Do not remove short grass clippings. Continue program which stimulates deep root growth and a healthy soil condition.
5. Nitrates (NO ₃)	5.2	6.5 - 7.5	LOW	Add 110 lbs./1000 sq.ft. of Limestone. (2 Appl. of 55 lbs./1000 sq.ft. at 4-6 mo. Retest Next Year.
6. Ammonium (NH ₄)	9	15 - 35	LOW	See Recommendations under Tests 5 and 14.
7. Calcium	5	10 - 20	LOW	Continue applying a balanced fertilizer.
8. Phosphate (HPO ₄)	80	150 - 200	LOW	Continue applying a balanced fertilizer.
9. Potassium	4	2 - 5	NORMAL	You are applying lime. No further correction needed.
10. Magnesium (Mg)	9	5 - 25	NORMAL	Continue applying balanced fertilizer.
11. Iron (Fe)	41	10 - 30	HIGH	Continue applying balanced fertilizer.
12. Chlorides (Cl ⁻)	.2	.5 - 5	LOW	No correction necessary.
13. Sulfates (SO ₄)	.1	.5 - 5	LOW	Apply trace elements for a balanced diet.
14. Chlorides	40	40 - 150	NORMAL	Apply trace elements for a balanced diet.
Additional Notes:				Avoid fertilizers containing Chlorides.

THE HEALTH OF THE SOIL...
is considered because it is the foundation for a lasting vigorous lawn.

ADDITIONAL NOTES
are recorded as required

THE AVAILABILITY OF ESSENTIAL NUTRIENT GROUPS
is measured. Exact recommendations are given by turf and soil experts to ensure healthy growth.

SOLUBLE SALTS & CHLORIDES

If the readings are high, it may signal immediate or future problems. Recommendations are given to correct or head-off a potentially dangerous situation. High readings can often mean roots will be burned and top growth starved of necessary moisture.

This simple-to-read-and-understand 14-Point Soil Analysis is the result of many years of research to determine what items need to be tested... and what recommended corrections will give the most lasting results!