

LABORATORY SOIL ANALYSIS FOR COMPLETE LAWN CARE



PROFESSIONAL PRESCRIPTION SOIL ANALYSIS

50660

Main Root Development
Regular Cutting Height
Sq. Footage of Test Area

3
2.5
8600

Inches
Inches
Feet

Main Type Grasses
Watering Method
Lawn Life Stage

BLUE/RYE MIX
MANUAL (HOSE & SPR)
ESTABLISHED

NAME

550

STREET

CLIENTS NAME
MR. & MRS. MAURER

941 GOVERNORS ROAD
ROSLIN, NY 11565
(516) 555-1212

Client Number
Sample Date
Report Date
Type of Soil
Last Liming

MAU941
05/05/99
05/14/99
CLAY
04/01/99

SURVEY INFORMATION...

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

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	RE- SULTS	OPTIMUM RANGE	RATING	RECOMMENDATIONS
1a. Core 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. Worms 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.
	5.2	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.
5. Nitrates (NO ₃)	9	15 - 35	LOW	See Recommendations under Tests 5 and 14.
6. Ammonium (NH ₄)	5	10 - 20	LOW	Continue applying a balanced fertilizer.
7. Calcium	1	5 - 10	LOW	Continue applying a balanced fertilizer.
8. Phosphate (HPO ₄)	80	150 - 200	LOW	You are applying lime. No further correction needed.
9. Potassium	4	2 - 5	NORMAL	Continue applying balanced fertilizer.
10. Magnesium (Mg)	9	5 - 25	NORMAL	Continue applying balanced fertilizer.
11. Iron (Fe)	41	10 - 30	HIGH	No correction necessary.
	.2	.5 - 5	LOW	Apply trace elements for a balanced diet.
	.1	.5 - 5	LOW	Apply trace elements for a balanced diet.
	40	40 - 150	NORMAL	
	10	0 - 30	NORMAL	Avoid fertilizers containing

THE HEALTH OF THE SOIL...

is considered because it is the foundation for a lasting vigorous lawn.

THE AVAILABILITY OF ESSENTIAL NUTRIENT GROUPS

is measured. Exact recommendations are given by turf and soil experts to ensure healthy growth.

ADDITIONAL NOTES

are recorded as required

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.

Additional Notes:

Prescription Soil

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!