

Revived Soil Technology Lab.Trust  
 56 Main St. Wyoming,N.Y.14591  
 Ph.716-495-6654

Customer Robert A.Russo  
 Address 732 Beaver Dam Rd.  
 Tech. Friedens,Pa.  
 15541

Date Recieved 5/2/97  
 Date Tested 5/6/97 lbs./Acre  
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Field #	Sample #	Lab.#	Optium levels for Seed & Fruit crops, with adequate moisture	Optium levels for Hay,Leaf crops.& Strawberries.
20 Acers		7853		
ITEM		lb./Acre		
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Humus %		2	5% to 6%	5% to 6%
Ph.		5.9	6.2 to 6.8	6.2 to 6.8
Nitrate		45	60 to 80 lb.	80 to 100 lb.
Ammonia		0	60 to 80lb.	40 lb.
Phosphate		30	400 lb.	400
Potash		170	200 lb.	50 to 100 lb.
Calcium		546	2,000 to 3,000lb.	6,000 to 10,000
Magnesium		171	30 lb.	30 lb.
Sulfate		4	200 lbs.	100
Iron		6.8	15 lbs.	40
Manganese		3.7	10 lbs.	30 lb.
Zinc		2.8	5 lbs.	15 lb.
Copper		0.5	5 lbs.	15 lb.
Boron		0.2	2 lbs.	3 lb.
Chlorine		3.	2 lbs.	3 lb
ERGS		40	100 at planting &	400 mid season.
Aluminum		36	No req.Problem at	200 or more.
Sodium		25	58 ppm	58 ppm
ORP Opt.25 to 28		25.4	Tight soil under	25
			Oxidizing too fast	over 28

ORP

25 to 28 Opt.Weak Oxidizing.  
 28.1 to 34 moderate Oxidizing.  
 34.1 to 42 Strong Oxidizing.  
 24.9 to 19 Indifferent.  
 18.9 to 9 Weak Reducing.  
 8.9 to 0 Strong Reducing.

NOTE WEEDS

Low Calcium = Grass type weeds  
 High Potash & Low Phosphate = Broad Leaf type weeds  
 PLOWING & or/ TILLING TOO WET = TIGHT SOIL & BIG WEED PROBLEM !!!  
 After plowing or chisle plowing leave soil in the rough  
 for TWO WEEKS before tilling !!!!

Most WEEDS grow in an aniarobic condition in the soil.  
 If the serface soil top 1" to 4" is airobic (oxygen)  
 the weeds will not usually grow except Lambs Quaters,  
 and Red Root Pig Weeds.If they were not present before  
 and they start to appear,you have the soil fertility  
 going in the right direction.

Revived  
Soil  
Technology Lab.Trust

P.O.Box 137  
56 Main St.  
Wyoming,N.Y.14591  
Tel.716-495-6654

Farmer  
Address  
Robert A.Russo  
732 Beaver Dam Rd.  
Friends.Pa.  
15541

Date  
5/6/97

Lab.#  
7853

Field  
20 Acers

Crop  
Tall Fescue

#### RECOMMENDATION

APPLY EARLY SPRING & AFTER EACH CUTTING OR  
EVERY 30 DAYS IF GRAZING:

250 lbs.PMF Hay--Gro / acre.

APPLY THIS FALL:

3500 lbs.PMF Hay Builder / acre.

Products contain Soft Rock Phosphate, Aragonite, Carbon source,  
& trace minerals.

Products can be ordered from:

Bio-Farm Services  
David Kunkle  
216 Pleasant Valley Rd.  
East Earl.Pa. 17519

Phone (717)-445-4794

OR you can call me and I can place order for you.