MOSSY OAK BIO LOGIC PROVEN NUTRITION RENEW

SCIENTIFICALLY PROVEN WILD GAME SEED

Client : ** Copy To **	Grower : Mossyoak Biologic West Point MS 39773 Date Received : 05/05/2011	Report No: 11-125-0648 Cust No: 02302 * Date Printed: 05/06/2011 Page : 1 of 2 Lab Number : 07750

Sample Id : Run & Gun **Plot Size :** unknown

Nutrients	What is in the Soil (Very Low / Low / Medium / Optimum / Very High)
Phosphorus (P)	48 LB/ACRE
Potassium (K)	414 LB/ACRE
Calcium (Ca)	1858 LB/ACRE
Magnesium (Mg)	345 LB/ACRE

Lime Requirements		
Actual Soil pH		5.7
Desired pH	Soybeans	6.5
See table 3 for recommended Lime requirements.		

If your wildlife plot is over one acre you may want to purchase fertilizer from your local farm center/fertilizer/chemical dealer. Refer to Table 1 for recommendations for each nutrient of pure product. If using bagged fertilizer refer to Table 2 for application amounts.

If Table 2 does not have a fertilizer for your current nutrient values, see comment section under Table 1 for detailed application requirements or email us at email@biologiclabs.us.

Table 1 **Fertilizer to Apply for Bulk Application**

If one acre or greater apply using LBS/Acre (See table below.)

Forage : Soybeans LB/ACRE

Lime	Nitrogen	Phosphate	Potash	Magnesium
3500	0	60	40	0

Forage :

Lime	Nitrogen	Phosphate	Potash	Magnesium

If less than one acre apply using LBS/1000sq ft. (See table below.)

Forage : Soybeans LBS/1000sq ft

Lime	Nitrogen	Phosphate	Potash	Magnesium
80	0.0	1.4	0.9	0.0

Forage :

Lime	Nitrogen	Phosphate	Potash	Magnesium

Comments :

Soybeans

· For soybeans on soils with a pH of 6.2 or less, apply limestone as recommended or plant seed treated with molybdenum. Apply 1-2 oz of sodium molybdate (0.4-0.8 oz of elemental molybdenum) per acre as a seed treatment.

MOSSY OAK BRAND SEED

BIO LOGIC

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Table 2 — N P K Fertilizer to Apply when using Bagged Fertilizer

Please select only ONE product group from the list for the forage you are growing.

Soybeans

Products available in your area.	Pounds to apply per acre.	Pounds to apply per 1000 sq ft
0-20-20 0-46-0	200 43	4.59 1.00
0-46-0 0-0-60	130 67	2.99 1.53

Use pounds per 1000 square feet column if wildlife plot is less than 1 acre; otherwise use pounds per acre column. See Table 2.

** Nitrogen, phosphate and potash recommendations are provided for an optimum growing response of your food plot. Acceptable growth can be achieved by applying 80% of the recommended rate of nitrogen, phosphate, and potash.

Table 3 — Pounds per 1000 square feet calculation :

Lime to Apply

Soybeans

Pounds per acre calculation

3500 ÷ Enter CCE Here = lbs of Lime

lbs of Lime to apply per acre.

Pounds per 1000 square feet calculation :

80 ÷ Enter CCE Here = lbs of Lime

80 — Lime recommended in table 1.

Enter CCE Here — Calcium Carbonate Equivalency percentage found on lime bag.

lbs of Lime — lbs of Lime to apply per 1000 square feet.

Unknown Plot size

Example :
If the recommended Lime per table 1 equals 3500 and the Calcium Carbonate Equivalant is equal to 70% then :

Make sure to divide the Calcium Carbonate Equivalency percentage by 100 to get the decimal for your calculation.

3500 (Lime recommended in table 1.) ÷ .70 (Calcium Carbonate Equivalency percentage found on lime bag.) = 5000 lbs of Lime (Total pounds of Lime to apply per acre or per 1000 square feet..)

Limestone recommendations based on a limestone with 90% total neutralizing potential (1800 lbs/ton) and 70% effective calcium carbonate (1400 lbs/ton).

** Lime should always be applied at the recommended rate at least 2 weeks prior to a fertilizer application.