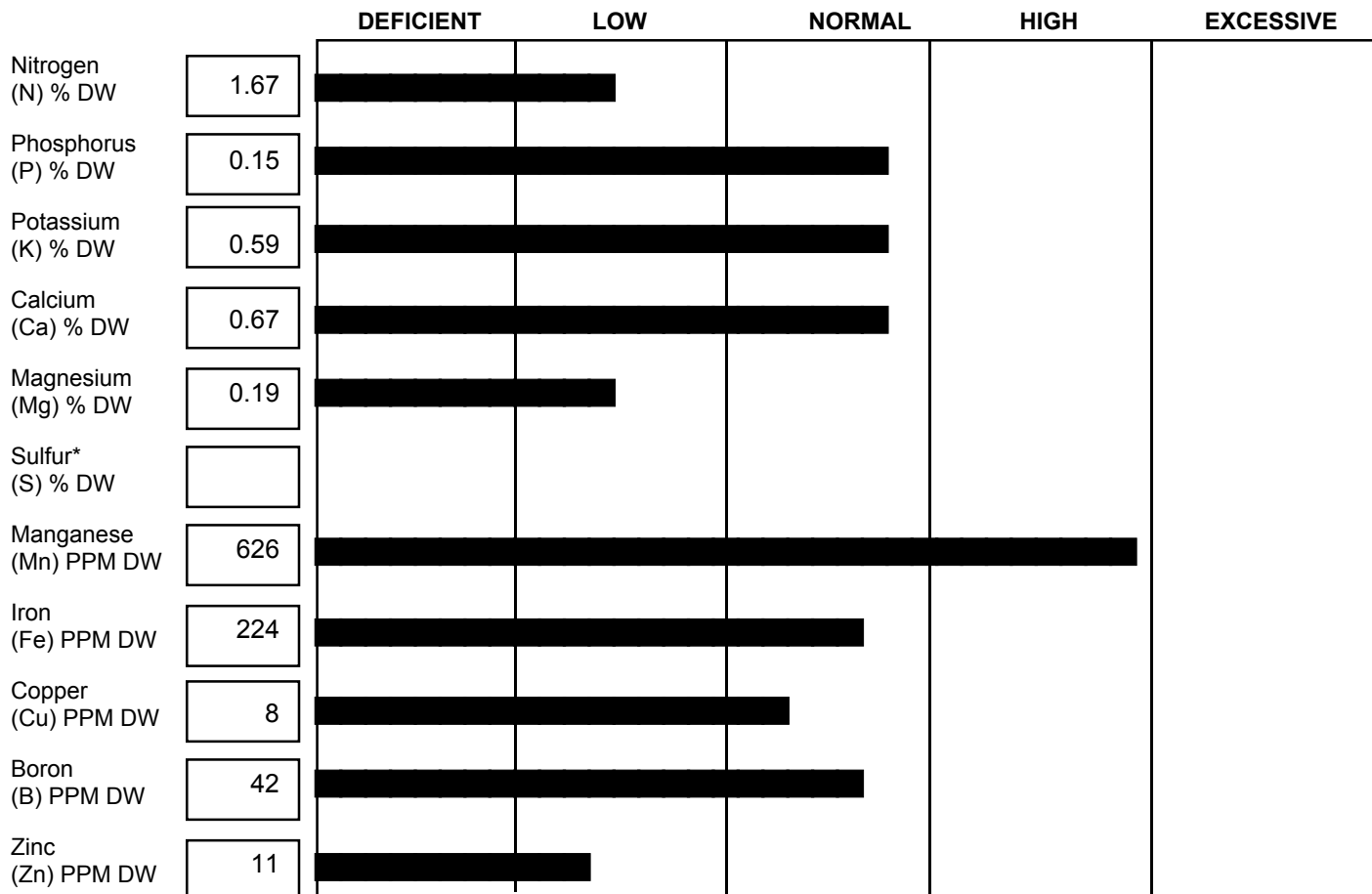




PLANT TISSUE ANALYSIS FOR:				ADDITIONAL COPY TO:			
Jane J. Doe Doe Farms R.R.#2 Box 14 Wysox PA 18854							
KIT ID	LAB ID	FIELD NAME	HOUSE	BENCH	RECEIVED	COMPLETED	COUNTY
12345	PK00001	1			01/05/2000	01/10/2000	Bradford

Crop: Blueberries **Variety:** Any



*Sulfur analysis is available upon request.

FERTILIZER RECOMMENDATIONS:

The following recommendations are based on the above leaf element concentrations and the best information currently available. If there are any questions regarding these recommendations, please consult the county extension agent in your area.

NITROGEN: Value is LOW (Normal is 1.70 - 2.10)
Low nitrogen. Increase rate of nitrogen application by 10% for each 0.1% that sample is below desired level. If soil pH is above 5.0, use ammonium sulfate; if below 5.0, use urea. Do not use ammonium nitrate or chloride fertilizers. Apply no later than April 20.

PHOSPHORUS: Value is NORMAL (Normal is 0.07 - 0.18)
Phosphorus falls within normal ranges. No alteration of present program is necessary.

POTASSIUM: Value is NORMAL (Normal is 0.40 - 0.65)

Potassium within range. If K/Mg ratio > 4.00, omit K from your fertilization program to improve the balance between potassium and magnesium in your plants.

CALCIUM: Value is NORMAL (Normal is 0.30 - 0.80)

Calcium falls within normal range. No alteration of present program is necessary.

MAGNESIUM: Value is LOW (Normal is 0.20 - 0.30)

Low magnesium. Refer to soil test and apply dolomitic limestone if pH is below 4.0. If pH is above 4.0, apply 250 lbs/A magnesium sulfate or use sul-po-mag (400 lbs/A) if potassium is also low. Apply in fall or early spring.

MANGANESE: Value is HIGH (Normal is 50 - 500)

High manganese. Refer to soil test for possible pH adjustment.

IRON: Value is NORMAL (Normal is 70 - 300)

Iron falls within normal ranges. No alteration of present program is necessary.

COPPER: Value is NORMAL (Normal is 5 - 15)

Copper falls within normal ranges. No alteration of present program is necessary.

BORON: Value is NORMAL (Normal is 30 - 50)

Boron falls within normal ranges. No alteration of present program is necessary.

ZINC Value is LOW (Normal is 15 - 30)

Low zinc. Apply 2.0 lbs/100 gal/A zinc chelate post-bloom, post-harvest and late summer. If product label is different from this recommendation, follow label recommendation. If condition persists for several consecutive years and soil pH is within desired range (4.5-5.0), apply 10 lbs/A zinc sulfate to soil surface in early spring.

These recommendations assume that the soil pH is 4.4-5.0. If the pH is outside of this range, recommendations may not be effective. Soil test annually to verify pH. Soil test kits may be obtained through your local county extension office.