

Western Laboratories, Inc.

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Lab No:

EX-1

Test # 11

Reported: 4/9/2012

Grower: Western Laboratories

Dealer No: 11-111

Dealer : Western Laboratories, Inc

Sample ID: 1

Address 211 Hwy 95

Irrigation:

PO Box 1020

Crop: Russett

Parma

ID 83660

PLANT ANALYSIS REPORT

| PLANT NUTRIENTS | SUFFICIENCY RANGE | YOUR TEST RESULTS | | NUTRIENT SUGGESTIONS IN POUNDS PER ACRE | | |
|----------------------------------|-------------------|-------------------|----|---|------------------------|-------------|
| | | | | FOLIAR | INJECTION OR WATER RUN | YOU APPLIED |
| NITRATE NO ₃ - ppm | 29660 | 25600 | | | | |
| NITROGEN N - % | - | | N | 7 | 20 | |
| PHOSPHORUS P - % | .2 - .55 | .32 | P | | | |
| POTASSIUM K - % | 7.5 - 15 | 6.8 | K | 2 | 20 | |
| SULFUR S - % | .2 - .5 | .28 | S | | | |
| CALCIUM Ca - % | .45 - 2 | .52 | Ca | | | |
| MAGNESIUM Mg - % | .4 - 1.7 | .91 | Mg | | | |
| ZINC Zn - ppm | 23 - 55 | 20 | Zn | 0.2 | 0.25 | |
| MANGANESE Mn - ppm | 33 - 70 | 30 | Mn | 0.2 | 0.25 | |
| COPPER Cu - ppm | 5 - 30 | 16 | Cu | | | |
| IRON Fe - ppm | 75 - 350 | 185 | Fe | | | |
| BORON B - ppm | 21 - 55 | 32 | B | | | |

| | | | | | | | | | | | |
|------------------|---|---|---|---|----|----|----|----|----|----|---|
| HIGH RANGE | | | | | | | | | | | |
| SUFFICIENT RANGE | | ● | | ● | ● | ● | | | ● | ● | ● |
| DEFICIENT RANGE | ● | | ● | | | | ● | ● | | | |
| | N | P | K | S | Ca | Mg | Zn | Mn | Cu | Fe | B |

John P. Taberna, Soil Scientist