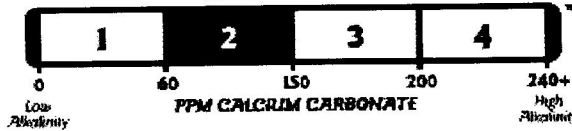




SPECIALIZING IN ANALYSIS OF: SOILLESS MEDIA, TISSUE, WATER, FERTILIZER SOLUTIONS  
 300 Speedway Circle Suite 2, Lincoln, NE 68502 - Phone: 1-877-HORT-LAB (1-877-467-8522) - FAX: 402-476-0302  
 www.scottsprohort.com  
 www.PetersABC.com

## SOLUTION ANALYSIS

FOR WATER  
 TYPE 2



ACCT# 4790707  
 NAME Purdue University/Rob Eddy  
 ADDRESS Room HGRH 1139B  
 625 Ag Mall Drive  
 CITY/STATE/ZIP West Lafayette, IN 47907  
 PHONE 765-496-3710  
 FAX  
 E-MAIL robеды@purdue.edu

DATE RECEIVED 22-Sep-2010  
 DATE COMPLETE 28-Sep-2010  
 TURN AROUND 6 Days  
 LAB I.D. AC52423  
 SAMPLE I.D. FERT

Date Sampled:  
 This Sample Is:  
 Source of Water:  
 Water Treated:  
 Concerns/Problems:

Fertilizer Solution:  
 Concentration:  
 Injector/Ratio:

| TEST          | RESULTS       | TEST           | RESULTS                       |
|---------------|---------------|----------------|-------------------------------|
| Soluble Salts | mmhos/cm 2.14 | Copper         | Cu ppm 0.13                   |
| pH            | 6.3           | Zinc           | Zn ppm 0.36                   |
| Alkalinity    | ppm 112.00    | Molybdenum     | Mo ppm 0.44                   |
| Calcium       | Ca ppm 101.33 | Aluminum       | Al ppm 0.06                   |
| Magnesium     | Mg ppm 54.09  | Nitrate        | NO <sub>3</sub> -N ppm 144.35 |
| Sodium        | Na ppm 17.12  | Ammonium       | NH <sub>4</sub> -N ppm 46.06  |
| Chloride      | Cl ppm 35.38  | Total Nitrogen | N ppm 190.41                  |
| Boron         | B ppm 0.27    | Phosphorus     | P ppm 27.00                   |
| Fluoride      | F ppm 1.23    | Potassium      | K ppm 156.23                  |
| Iron          | Fe ppm 0.93   |                |                               |
| Manganese     | Mn ppm 0.70   |                |                               |
| Sulfur        | S ppm 83.06   |                |                               |