

**Plant sap-sample**      <sup>1</sup> 201506302193  
                                   <sup>2</sup> 201506302194  
**Name:**                    Next Step Produce  
**Address:**                10615 Benton Rd  
                                   20664      Newburg MD  
                                   USA

**Sample date:**            29-6-2015  
**Location/plot:**           Section 1  
**Cultivation:**            Section 1 Rice Gpno 2947  
**Crop:**                      Rice  
**Plant part:**                <sup>1</sup> Leaf (young)                    <sup>2</sup> Leaf (old)

**Remarks**

| Mineral            |       | Current level |              |  |  |
|--------------------|-------|---------------|--------------|--|--|
| Total Sugars       | %     | 0,8           | <sup>1</sup> |  |  |
|                    | %     | 0,6           | <sup>2</sup> |  |  |
| pH                 |       | 6,9           | <sup>1</sup> |  |  |
|                    |       | 6,8           | <sup>2</sup> |  |  |
| EC                 | mS/cm | 16,4          | <sup>1</sup> |  |  |
|                    | mS/cm | 15,2          | <sup>2</sup> |  |  |
| K - Potassium      | ppm   | 8673          | <sup>1</sup> |  |  |
|                    | ppm   | 6879          | <sup>2</sup> |  |  |
| Ca - Calcium       | ppm   | 11            | <sup>1</sup> |  |  |
|                    | ppm   | 26            | <sup>2</sup> |  |  |
| K / Ca             |       | 826,04        | <sup>1</sup> |  |  |
|                    |       | 262,55        | <sup>2</sup> |  |  |
| Mg - Magnesium     | ppm   | 808           | <sup>1</sup> |  |  |
|                    | ppm   | 1683          | <sup>2</sup> |  |  |
| Na - Sodium        | ppm   | 19            | <sup>1</sup> |  |  |
|                    | ppm   | 30            | <sup>2</sup> |  |  |
| NH4 - Ammonium     | ppm   | 1020          | <sup>1</sup> |  |  |
|                    | ppm   | 1875          | <sup>2</sup> |  |  |
| NO3 - Nitrate      | ppm   | 79            | <sup>1</sup> |  |  |
|                    | ppm   | <20           | <sup>2</sup> |  |  |
| N in Nitrate       | ppm   | 18            | <sup>1</sup> |  |  |
|                    | ppm   | <5            | <sup>2</sup> |  |  |
| N - Total Nitrogen | ppm   | 2606          | <sup>1</sup> |  |  |
|                    | ppm   | 3053          | <sup>2</sup> |  |  |
| Cl - Chloride      | ppm   | 1048          | <sup>1</sup> |  |  |
|                    | ppm   | 1198          | <sup>2</sup> |  |  |
| S - Sulfur         | ppm   | 563           | <sup>1</sup> |  |  |
|                    | ppm   | 372           | <sup>2</sup> |  |  |
| P - Phosphorus     | ppm   | 628           | <sup>1</sup> |  |  |
|                    | ppm   | 676           | <sup>2</sup> |  |  |
| Si - Silica        | ppm   | 93,3          | <sup>1</sup> |  |  |
|                    | ppm   | 87,1          | <sup>2</sup> |  |  |
| Fe - Iron          | ppm   | 2,42          | <sup>1</sup> |  |  |
|                    | ppm   | 3,66          | <sup>2</sup> |  |  |
| Mn - Manganese     | ppm   | 5,28          | <sup>1</sup> |  |  |
|                    | ppm   | 7,59          | <sup>2</sup> |  |  |
| Zn - Zinc          | ppm   | 4,15          | <sup>1</sup> |  |  |
|                    | ppm   | 2,35          | <sup>2</sup> |  |  |
| B - Boron          | ppm   | 1,55          | <sup>1</sup> |  |  |
|                    | ppm   | 1,54          | <sup>2</sup> |  |  |
| Cu - Copper        | ppm   | 1,76          | <sup>1</sup> |  |  |
|                    | ppm   | 1,05          | <sup>2</sup> |  |  |
| Mo - Molybdenum    | ppm   | 0,63          | <sup>1</sup> |  |  |
|                    | ppm   | 1,24          | <sup>2</sup> |  |  |
| Al - Aluminium     | ppm   | 0,75          | <sup>1</sup> |  |  |
|                    | ppm   | 0,67          | <sup>2</sup> |  |  |

Consult your advisor for appropriate fertilizer recommendations.

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Because NovaCropControl has no effect and / or no control over the sampling, NovaCropControl accepts no liability for adverse effects as a result of its analysis or advice provided.