

Plant sap-sample 202304051214

Sample Date: 2-4-2023

Name: Novalis Terra SARL
Address: 35 Rue Hermel
75018 Paris
France

Location/plot: BM Herve
Cultivation: Folie Winter Barley
Crop: Barley
Plant part: Leaf (young)

Remarks

| Mineral | | Current Level | Optimum | |
|--------------------|-------|---------------|-------------|--|
| Sugars | % | 1,1 | 0,7 - 3,7 | |
| pH | | 6,6 | 6,2 - 6,7 | |
| EC | mS/cm | 12,7 | 13,4 - 16,7 | |
| K - Potassium | ppm | 7237 | 5550 - 7300 | |
| Ca - Calcium | ppm | 807 | 725 - 2150 | |
| K / Ca | | 8,97 | | |
| Mg - Magnesium | ppm | 126 | 190 - 390 | |
| Na - Sodium | ppm | 26 | 46 - 183 | |
| NH4 - Ammonium | ppm | 139 | 180 - 465 | |
| NO3 - Nitrate | ppm | 803 | < 150 | |
| N in Nitrate | ppm | 181 | < 34 | |
| N - Total Nitrogen | ppm | 2413 | 2150 - 3340 | |
| Cl - Chloride | ppm | 351 | 730 - 2390 | |
| S - Sulfur | ppm | 522 | 350 - 670 | |
| P - Phosphorus | ppm | 582 | 250 - 560 | |
| Si - Silica | ppm | 43,1 | 25,4 - 45,7 | |
| Fe - Iron | ppm | 1,70 | 2,30 - 4,15 | |
| Mn - Manganese | ppm | 2,87 | 2,80 - 7,20 | |
| Zn - Zinc | ppm | 1,85 | 2,35 - 4,60 | |
| B - Boron | ppm | <0,20 | 0,40 - 1,60 | |
| Cu - Copper | ppm | 1,00 | 0,55 - 1,15 | |
| Mo - Molybdenum | ppm | <0,05 | 0,05 - 0,20 | |
| Al - Aluminium | ppm | <0,50 | | |

Consult your advisor for appropriate fertilizer recommendations.

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