

Plant sap-sample ¹ 202308012288
 ² 202308012289

Name: Novia University of Applied Sciences

Address: Raseborgvägen 9
 106 00 Ekenäs
 Finland

Sample Date: 21-7-2023

Location/plot: Lill-Nagels Agroforestry

Cultivation: 2023 Tree Line Cash Crop Ljubasha T3 0-2

Crop: Garlic

Plant part: ¹ Leaf (young) ² Leaf (old)

Remarks

1 Medium

2 Medium

Mineral		Current Level	Optimum			
Sugars	%	1,0	0,7 - 1,9	¹	<div></div>	
	%	0,5		²	<div></div>	
pH		6,0	6,1 - 6,5	¹	<div></div>	
		6,0		²	<div></div>	
EC	mS/cm	11,7	9,5 - 13,8	¹	<div></div>	
	mS/cm	11,4		²	<div></div>	
K - Potassium	ppm	3246	3475 - 5250	¹	<div></div>	
	ppm	3993		²	<div></div>	
Ca - Calcium	ppm	1064	550 - 1200	¹	<div></div>	
	ppm	775		²	<div></div>	
K / Ca		3,05		¹	<div></div>	
		5,15		²	<div></div>	
Mg - Magnesium	ppm	702	230 - 420	¹	<div></div>	
	ppm	509		²	<div></div>	
Na - Sodium	ppm	15	9 - 21	¹	<div></div>	
	ppm	27		²	<div></div>	
NH4 - Ammonium	ppm	620	250 - 490	¹	<div></div>	
	ppm	398		²	<div></div>	
NO3 - Nitrate	ppm	<20	< 290	¹	<div></div>	
	ppm	41		²	<div></div>	
N in Nitrate	ppm	<5	< 65	¹	<div></div>	
	ppm	9		²	<div></div>	
N - Total Nitrogen	ppm	2727	1700 - 2700	¹	<div></div>	
	ppm	1780		²	<div></div>	
Cl - Chloride	ppm	1232	675 - 1375	¹	<div></div>	
	ppm	622		²	<div></div>	
S - Sulfur	ppm	844	790 - 1250	¹	<div></div>	
	ppm	568		²	<div></div>	
P - Phosphorus	ppm	240	230 - 400	¹	<div></div>	
	ppm	175		²	<div></div>	
Si - Silica	ppm	16,1	5,0 - 13,4	¹	<div></div>	
	ppm	17,0		²	<div></div>	
Fe - Iron	ppm	1,07	1,70 - 3,90	¹	<div></div>	
	ppm	1,18		²	<div></div>	
Mn - Manganese	ppm	7,59	2,00 - 5,00	¹	<div></div>	
	ppm	7,35		²	<div></div>	
Zn - Zinc	ppm	1,50	1,45 - 2,70	¹	<div></div>	
	ppm	0,97		²	<div></div>	
B - Boron	ppm	5,92	1,70 - 4,00	¹	<div></div>	
	ppm	3,00		²	<div></div>	
Cu - Copper	ppm	0,22	0,30 - 0,60	¹	<div></div>	
	ppm	0,19		²	<div></div>	
Mo - Molybdenum	ppm	0,06	0,05 - 0,25	¹	<div></div>	
	ppm	0,05		²	<div></div>	
Al - Aluminium	ppm	1,03	0,60 - 3,20	¹	<div></div>	
	ppm	1,46		²	<div></div>	

Consult your advisor for appropriate fertilizer recommendations.

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