NovaCropControl
postbus 2218 - 5001 CE - Tilburg
www.novacropcontrol.nl

From May 22nd 2017, optimum ranges are provided by: CROPHEALTH LABS

Plant sap-sample [1] 202204151209
[2] 202204151210

Sample Date: 11-4-2022

Name: AEA - Florida

Address: 2611 Sammonds Road
Plant City, FL, 33563
USA

Location/plot: Corey McCain/Freedom Lane

Cultivation: Sweet Corn

Crop: Corn

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

Remarks

Mineral		Current Level	Optimum	
Total Sugars	%	0,1	0,5 - 1,4	1
	%	0,1		2
pH		4,7	6,2 - 6,6	1
		5,2		2
EC	mS/cm	13,0	10,7 - 13,3	1
	mS/cm	13,9		2
K - Potassium	ppm	4564	4568 - 5933	1
	ppm	4698		2
Ca - Calcium	ppm	419	923 - 1677	1
	ppm	605		2
K / Ca		10,89		1
		7,77		2
Mg - Magnesium	ppm	183	360 - 540	1
	ppm	238		2
Na - Sodium	ppm	50	6 - 12	1
	ppm	63		2
NH4 - Ammonium	ppm	185	125 - 250	1
	ppm	220		2
NO3 - Nitrate	ppm	118	<20 - 45	1
	ppm	427		2
N in Nitrate	ppm	27	<5 - 10	1
	ppm	96		2
N - Total Nitrogen	ppm	1026	1671 - 2261	1
	ppm	1066		2
Cl - Chloride	ppm	1002	302 - 599	1
	ppm	1124		2
S - Sulfur	ppm	201	247 - 403	1
	ppm	212		2
P - Phosphorus	ppm	380	255 - 595	1
	ppm	284		2
Si - Silica	ppm	35,8	52,0 - 78,0	1
	ppm	29,9		2
Fe - Iron	ppm	1,59	2,35 - 4,66	1
	ppm	1,39		2
Mn - Manganese	ppm	5,08	5,40 - 12,60	1
	ppm	5,75		2
Zn - Zinc	ppm	2,23	2,10 - 4,90	1
	ppm	2,19		2
B - Boron	ppm	1,58	2,68 - 5,32	1
	ppm	2,08		2
Cu - Copper	ppm	0,48	1,00 - 3,00	1
	ppm	0,62		2
Mo - Molybdenum	ppm	0,26	0,15 - 0,45	1
	ppm	0,15		2
Al - Aluminium	ppm	2,66	<0,50 - 0,62	1
	ppm	3,62		2
Co - Cobalt	ppm	<0,10		1
	ppm	<0,10		2

Consult your advisor for appropriate fertilizer recommendations.

301.20220407

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.