

Micronutrients

A90505

Recommended Rates

Surface application (grams)

Common container volumes	Approx. containers per cubic yard ¹	Low High	
		Low	High
6" azalea / hibiscus (1.5 qt.)	539	1	2
6" standard (1.75 qt.)	462	1	2
6.5" azalea (1.8 qt.)	449	1	2
8" azalea / hibiscus (3 qt.)	269	2	3
8" mum pan (1 gal.)	260	2	3
9" mum pan (1.25 gal.)	166	3	5
10" mum pan (1.25 gal.)	150	3	6
12" color bowl (2 gal.)	112	4	8
12" hanging basket (2.25 gal.)	100	5	9
1 quart	850	1	1
2 quart	400	1	2
1 gallon trade	300	2	3
1 gallon	210	2	4
2 gallon trade	125	4	7
2 gallon	102	4	9
3 gallon	70	6	13
5 gallon	52	9	17
7 gallon	35	13	26

Large container volumes	Surface area in square feet	Low High	
		Low	High
10 gallon (17" diam.)	1.4	16	31
15 gallon (17.5" diam.)	1.5	17	34
20 gallon (21" diam.)	2.3	26	52
25 gallon (22.5" diam.)	2.8	31	63
30 gallon (26.5" diam.)	3.8	43	85
45 gallon (30" diam.)	4.8	54	108
65 gallon (30" diam.)	4.8	54	108
100 gallon (36" diam.)	7.1	80	159
200 gallon (48.5" diam.)	12.8	143	287
24" box	4.0	45	90
30" box	6.25	70	140
36" box	9.0	101	202
48" box	16.0	179	359
For containers not listed, multiply surface area by:		11	22

Incorporation

	Low	High
Pounds per cubic yard	1	2
Kilograms per cubic meter	0.6	1.2
Grams per liter	0.6	1.2

Landscape²

	Low	High
Pounds per 1,000 square feet	1	2

¹May vary depending on container brand, media, and fill method.

²ICL recommends low rate on heavy or clay soils, high rate on light or sandy soils.

Approximate Volume Measurements

ICL spoons

	#1	#2	#3	#4	#5	#6	#7
Grams	11	16	21	44	58	85	114

Conventional measures

	1 tsp.	1 tbsp.	1/4 c.	1/3 c.	1/2 c.	1 c.
Grams	6	18	80	107	160	321

Guaranteed Analysis

Calcium (Ca)	6%
Magnesium (Mg)	3%
0% Water Soluble Magnesium (Mg)	
Sulfur (S)	12%
12% Combined Sulfur (S)	
Boron (B)	0.1%
Copper (Cu)	1%
1% Water Soluble Copper (Cu)	
Iron (Fe)	17%
17% Water Soluble Iron (Fe)	
Manganese (Mn)	2.5%
2.5% Water Soluble Manganese (Mn)	
Molybdenum (Mo)	0.05%
Zinc (Zn)	1%
1% Water Soluble Zinc (Zn)	

Derived from: Calcium Carbonate, Magnesium Carbonate, Ferrous Sulfate, Manganese Sulfate, Zinc Sulfate, Copper Sulfate, Sodium Borate and Sodium Molybdate

Directions

- thoroughly blend into dry, soilless growing media to ensure uniform distribution without over-mixing
- Micromax may also be surface applied to containers or broadcast in growing media or soil containing insufficient micronutrient levels
- irrigate after application (irrigation frequency and volume should be monitored and adjusted during the crop production cycle)
- product may cause staining if left on cement or other porous surfaces
- for maximum effectiveness, Micromax should be the primary source of micronutrients and shouldn't be combined with any other micronutrient products or mixes
- elements not included in Micromax should be provided from other sources
- a product trial is recommended before adopting a new fertilizer program or making full-scale changes to standard local practices (for assistance, contact your regional ICL Territory Manager or call ICL Customer Service at 800-492-8255)

All information is intended for use as a guideline only and may not be suitable for all regions and conditions.