

15-9-12

5-6 Month

A903226



Approximate Volume Measurements

ICL spoons

	#1	#2	#3	#4	#5	#6	#7
Grams	9	14	18	38	49	75	100

Conventional measures

	1 tsp.	1 tbsp.	1/4 c.	1/3 c.	1/2 c.	1 c.
Grams	5	16	71	94	141	283

Recommended Rates

Longevity at average media temperature

60°F (15°C)	70°F (21°C)	80°F (26°C)	90°F (32°C)
6-7 months	5-6 months	4-5 months	3-4 months

Surface application (grams)

Common container volumes	Approx. containers per cubic yard ¹	Surface application (grams)		
		Low	Med	High
6" azalea / hibiscus (1.5 qt.)	539	5	8	12
6" standard (1.75 qt.)	462	5	10	14
6.5" azalea (1.8 qt.)	449	6	10	15
8" azalea / hibiscus (3 qt.)	269	9	17	24
8" mum pan (1 gal.)	260	10	17	25
9" mum pan (1.25 gal.)	166	15	27	40
10" hanging basket (1.5 gal.)	150	17	30	44
12" color bowl (2 gal.)	112	22	41	59
12" hanging basket (2.25 gal.)	100	25	45	66
1 quart	850	3	5	8
2 quart	400	6	11	16
1 gallon trade	300	8	15	22
1 gallon	210	12	22	31
2 gallon trade	125	20	36	53
2 gallon	102	24	45	65
3 gallon	70	36	65	94
5 gallon	52	48	87	127
7 gallon	35	71	130	188

Large container volumes	Surface area in square feet	Surface application (grams)		
		Low	Med	High
10 gallon (17" diam.)	1.4	86	157	228
15 gallon (17.5" diam.)	1.5	92	168	244
20 gallon (21" diam.)	2.3	142	258	374
25 gallon (22.5" diam.)	2.8	173	314	455
30 gallon (26.5" diam.)	3.8	234	426	618
45 gallon (30" diam.)	4.8	296	538	780
65 gallon (30" diam.)	4.8	296	538	780
100 gallon (36" diam.)	7.1	438	796	1154
200 gallon (48.5" diam.)	12.8	789	1435	2081
24" box	4.0	247	448	650
30" box	6.25	385	701	1016
36" box	9.0	555	1009	1463
48" box	16.0	986	1794	2601

For containers not listed, multiply surface area by: 62 112 163

Incorporation

	Low	Med	High
Pounds per cubic yard	5.5	10.0	14.5
Kilograms per cubic meter	3.3	5.9	8.6
Grams per liter	3.3	5.9	8.6

Landscape²

	Low	Med	High
Pounds per 1000 square feet	13.0	20.0	26.5
Kilograms per 100 square meters	6.3	9.8	12.9
Pounds of N per 1000 square feet	2.0	3.0	4.0

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.

Guaranteed Analysis

Total Nitrogen (N) ³	15%
8.4% Ammoniacal Nitrogen (N-NH ₄)	
6.6% Nitrate Nitrogen (N-NO ₃)	
Available Phosphate (P ₂ O ₅) ³	9%
Soluble Potash (K ₂ O) ³	12%
Magnesium (Mg) ³	1.3%
0.9% Water Soluble Magnesium (Mg)	
Sulfur (S) ³	6%
6.0% Combined Sulfur (S)	
Boron (B)	0.02%
Copper (Cu)	0.05%
0.05% Water Soluble Copper (Cu)	
Iron (Fe) ³	0.46%
0.09% Water Soluble Iron (Fe)	
0.01% Chelated Iron (Fe)	
Manganese (Mn) ³	0.06%
0.02% Water Soluble Manganese (Mn)	
Molybdenum (Mo) ³	0.02%
Zinc (Zn)	0.05%
0.011% Water Soluble Zinc (Zn)	

Derived from: Polymer-coated: Ammonium Nitrate, Ammonium Phosphate, Potassium Sulfate, Magnesium Sulfate, Sodium Borate, Iron Phosphate, Iron EDTA, Manganese Sulfate, Sodium Molybdate, Zinc Sulfate, Copper Sulfate, Zinc Oxide

³The nitrogen, phosphate, potash, magnesium, sulfur, boron, iron, manganese, molybdenum, and a portion of the zinc sources have been coated to provide 15% coated slow-release nitrogen (N), 9% coated slow-release available phosphate (P₂O₅), 12% coated slow-release soluble potash (K₂O), 1.3% coated slow-release magnesium (Mg), 6% coated slow-release sulfur (S), 0.02% coated slow-release boron (B), 0.46% coated slow-release iron (Fe), 0.06% coated slow-release manganese (Mn), 0.02% coated slow-release molybdenum (Mo), and 0.05% coated slow-release zinc (Zn).

Directions

- recommended for use in covered greenhouses (low to medium rates suggested), nurseries, landscape beds, and containers
- verify product analysis, longevity, and rates (for assistance, contact your regional ICL Territory Manager or call ICL Customer Service at 800-492-8255)
- thoroughly blend into growing media to ensure uniform distribution without over-mixing
- growing media should be used two to four weeks after incorporation
- for top-dress applications, spread fertilizer evenly on container surface (avoid piling fertilizer directly against plant stem)
- irrigate after application (irrigation frequency and volume should be monitored and adjusted during the crop production cycle)
- a product trial is recommended before adopting a new fertilizer program or making full-scale changes to standard local practices
- use caution when applying to plants being over-wintered under cover (if you can't monitor soluble salts and/or adjust irrigation, avoid Fall and Winter applications)
- store in a clean, cool, dry place

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

