

12-7-18

5-6 Month

A90102



Approximate Volume Measurements

ICL spoons

	#1	#2	#3	#4	#5	#6	#7
Grams	10	15	20	42	55	80	108

Conventional measures

	1 tsp.	1 tbsp.	1/4 c.	1/3 c.	1/2 c.	1 c.
Grams	6	17	68	91	136	273

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 <sup>1</sup>	Low Med High		
4" standard (0.88 pt.)	1836	0.9-1.4	1.4-1.9	1.9-2.5
4" square (1.25 pt.)	1293	1.2-1.9	1.9-2.6	2.6-3.5
5" azalea (1.62 pt.)	998	1.6-2.5	2.5-3.4	3.4-4.5
1 quart	850	2-3	3-4	4-5
6" azalea (1.5 qt.)	539	3-5	5-6	6-8
6" hanging basket (1.5 qt.)	539	3-5	5-6	6-8
6" standard (1.75 qt.)	462	3-5	5-7	7-10
6.5" azalea (1.8 qt.)	449	4-6	6-8	8-10
2 quart	400	4-6	6-9	9-11
1 gallon trade	300	5-8	8-11	11-15
8" azalea (3 qt.)	269	6-9	9-13	13-17
8" hanging basket (3 qt.)	269	6-9	9-13	13-17
8" mum pan (1 gal.)	260	6-10	10-13	13-17
1 gallon	210	8-12	12-16	16-22
9" mum pan (1.25 gal.)	166	10-15	15-12	21-27
10" hanging basket (1.5 gal.)	150	11-17	17-23	23-30
2 gallon trade	125	13-20	20-27	27-36
12" color bowl (2 gal.)	112	14-22	22-30	30-41
2 gallon	102	16-24	24-33	33-45
12" hanging basket (2.25 gal.)	100	16-25	25-34	34-45

Incorporation

	Low	Med	High
Pounds per cubic yard	3.5-5.5	5.5-7.5	7.5-10
Grams per cubic foot	59-92	92-126	126-168
Grams per liter	2.1-3.3	3.3-4.4	4.4-5.9

<sup>1</sup>May vary depending on container brand, media, and fill method.

Guaranteed Analysis

Total Nitrogen (N) <sup>2</sup> . . . . .	12%
6.7% Ammoniacal Nitrogen	
5.3% Nitrate Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) <sup>2</sup> . . . . .	7%
Soluble Potash (K <sub>2</sub> O) <sup>2</sup> . . . . .	18%
Magnesium (Mg) <sup>2</sup> . . . . .	1.1%
0.7% Water Soluble Magnesium (Mg)	
Sulfur (S) <sup>2</sup> . . . . .	7.0%
Boron (B) . . . . .	0.03%
Iron (Fe) <sup>2</sup> . . . . .	0.36%
0.07% Water Soluble Iron (Fe)	
Manganese (Mn) <sup>2</sup> . . . . .	0.05%
0.05% Water Soluble Manganese (Mn)	
Molybdenum (Mo) <sup>2</sup> . . . . .	0.018%

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

<sup>2</sup>The 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 (P<sub>2</sub>O<sub>5</sub>), 12% coated slow-release soluble potash (K<sub>2</sub>O), 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)
- 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.

