

12-7-18

2-3 Month

A90100



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)
3-4 months	2-3 months	1-2 months	1-1.5 months

Surface application (grams)

Common container volumes	Approx. containers per cubic yard <sup>1</sup>	Low Med High		
		Low	Med	High
4" standard (0.88 pt.)	1836	0.6-0.8	0.8-1.4	1.4-1.9
4" square (1.25 pt.)	1293	0.9-1.2	1.2-2	2-3
5" azalea (1.62 pt.)	998	1.1-1.5	1.5-2.5	2.5-3.5
1 quart	850	1.3-1.8	2-3	3-4
6" azalea (1.5 qt.)	539	2-3	3-5	5-6
6" hanging basket (1.5 qt.)	539	2-3	3-5	5-6
6" standard (1.75 qt.)	462	2.5-3.0	3-5	5.0-7.5
6.5" azalea (1.8 qt.)	449	2.5-3.3	3-6	6-8
2 quart	400	3-4	4-6	6-8
1 gallon trade	300	4-5	5-8	8-12
8" azalea (3 qt.)	269	4-6	6-9	9-13
8" hanging basket (3 qt.)	269	4-6	6-9	9-13
8" mum pan (1 gal.)	260	4-6	6-10	10-13
1 gallon	210	5-7	7-12	12-16
9" mum pan (1.25 gal.)	166	7-9	9-15	15-19
10" hanging basket (1.5 gal.)	150	8-10	10-17	17-23
2 gallon trade	125	9-12	12-20	20-28
12" color bowl (2 gal.)	112	10-13	13-22	22-31
2 gallon	102	11-15	15-24	24-34
12" hanging basket (2.25 gal.)	100	11-15	15-25	25-35

Incorporation

	Low	Med	High
Pounds per cubic yard	2.5-3.3	3.5-5.5	5.5-7.6
Grams per cubic foot	42-56	56-93	93-128
Grams per liter	1.5-2.0	2.0-3.3	3.3-4.5

<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 (N-NH <sub>4</sub> )	
5.3% Nitrate Nitrogen (N-NO <sub>3</sub> )	
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> . . . . .	1.0%
1.0% Water Soluble Magnesium (Mg)	
Sulfur (S) <sup>2</sup> . . . . .	7.5%
7.5% Combined Sulfur (S)	
Boron (B) . . . . .	0.03%
Iron (Fe) <sup>2</sup> . . . . .	0.35%
0.08% Chelated Iron (Fe)	
Manganese (Mn) <sup>2</sup> . . . . .	0.05%
0.05% Water Soluble Manganese (Mn)	
Molybdenum (Mo) <sup>2</sup> . . . . .	0.02%

Derived from: Polymer-coated: Ammonium Nitrate, Ammonium Phosphate, Potassium Sulfate, Magnesium Sulfate, Magnesium Oxide, Sodium Borate, Iron EDTA, Iron Oxide, 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 12% coated slow-release nitrogen (N), 7.5% 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% coated slow-release magnesium (Mg), 6% coated slow-release sulfur (S), 0.02% coated slow-release boron (B), 0.35% coated slow-release iron (Fe), 0.05% coated slow-release manganese (Mn), and 0.02% coated x-release molybdenum (Mo).

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.

