

22-3-8

5-6 Month

A90152



Approximate Volume Measurements

ICL spoons

	#1	#2	#3	#4	#5	#6	#7
Grams	8	12	16	33	44	65	90

Conventional measures

	1 tsp.	1 tbsp.	1/4 c.	1/3 c.	1/2 c.	1 c.
Grams	5	15	68	76	114	228

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
1 quart	850	2	4	5
2 quart	400	5	8	11
1 gallon trade	300	6	11	15
1 gallon	210	9	15	22
2 gallon trade	125	15	25	36
2 gallon	102	18	31	45
3 gallon	70	26	45	65
5 gallon	52	35	61	87
7 gallon	35	52	91	130

Large container volumes	Surface area in square feet	Surface application (grams)		
		Low	Med	High
10 gallon (17" diam.)	1.4	63	110	157
15 gallon (17.5" diam.)	1.5	67	118	168
20 gallon (21" diam.)	2.3	103	180	258
25 gallon (22.5" diam.)	2.8	126	220	314
30 gallon (26.5" diam.)	3.8	170	298	426
45 gallon (30" diam.)	4.8	215	377	538
65 gallon (30" diam.)	4.8	215	377	538
100 gallon (36" diam.)	7.1	318	557	796
200 gallon (48.5" diam.)	12.8	574	1004	1435
24" box	4.0	179	314	448
30" box	6.25	280	490	701
36" box	9.0	404	706	1009
48" box	16.0	717	1256	1794

For containers not listed, multiply surface area by: 45 78 112

Incorporation

	Low	Med	High
Pounds per cubic yard	4.0	7.0	10.0
Kilograms per cubic meter	2.4	4.2	5.9
Grams per liter	2.4	4.2	5.9

Landscape

	Low	Med	High
Pounds per 1000 square feet	9.0	13.5	18.0
Kilograms per 100 square meters	4.4	6.6	8.8
Pounds of N per 1000 square feet	2.4	3.0	4.0

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

Guaranteed Analysis

Total Nitrogen (N) ²	22%
6.4% Ammoniacal Nitrogen (N-NH ₄)	
5.7% Nitrate Nitrogen (N-NO ₃)	
9.9% Urea Nitrogen (Ur-N)	
Available Phosphate (P ₂ O ₅)	3%
Soluble Potash (K ₂ O)	8%
Magnesium (Mg)	1.1%
0.5% Water Soluble Magnesium (Mg)	
Sulfur (S) ²	9.2%
3.8% Combined Sulfur (S)	
5.4% Free Sulfur (S)	
Iron (Fe)	0.77%
0.001% Water Soluble Iron (Fe)	
Manganese (Mn)	0.29%
0.19% Water Soluble Manganese (Mn)	
Zinc (Zn)	0.090%
0.001% Water Soluble Zinc (Zn)	

Derived from: Polymer-coated, Sulfur-coated Urea; Polymer-coated: Ammonium Nitrate, Ammonium Phosphate, Potassium Sulfate, Calcium Phosphate; Ferrous Sulfate, Iron Oxide, Magnesium Sulfate, Magnesium Oxide, Zinc Sulfate, Zinc Oxide, Manganese Sulfate, Manganese Oxide

²The nitrogen, phosphate, potash, and sulfur sources have been coated to provide 20% coated slow-release nitrogen (N), 3% coated slow-release available phosphate (P₂O₅), 8% coated slow-release soluble potash (K₂O), and 2.9% coated slow-release sulfur (S).

Directions

- recommended for use in outdoor nurseries and landscape beds
- 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.

