

27-4-8

5-6 Month

A90259



Approximate Volume Measurements

ICL spoons

	#1	#2	#3	#4	#5	#6	#7
Grams	8	12	15	32	42	61	82

Conventional measures

	1 tsp.	1 tbsp.	1/4 c.	1/3 c.	1/2 c.	1 c.
Grams	4	13	52	69	104	208

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	3	5
2 quart	400	3	6	10
1 gallon trade	300	5	8	13
1 gallon	210	6	12	18
2 gallon trade	125	11	20	31
2 gallon	102	13	24	38
3 gallon	70	19	36	55
5 gallon	52	26	48	74
7 gallon	35	39	71	110

Large container volumes	Surface area in square feet	Surface application (grams)		
		Low	Med	High
10 gallon (17" diam.)	1.4	47	86	133
15 gallon (17.5" diam.)	1.5	50	92	143
20 gallon (21" diam.)	2.3	77	142	219
25 gallon (22.5" diam.)	2.8	94	173	267
30 gallon (26.5" diam.)	3.8	128	234	362
45 gallon (30" diam.)	4.8	161	296	457
65 gallon (30" diam.)	4.8	161	296	457
100 gallon (36" diam.)	7.1	239	438	677
200 gallon (48.5" diam.)	12.8	430	789	1220
24" box	4.0	135	247	381
30" box	6.25	210	385	596
36" box	9.0	303	555	858
48" box	16.0	538	986	1525
For containers not listed, multiply surface area by:		34	62	95

Incorporation

	Low	Med	High
Pounds per cubic yard	3.0	5.5	8.5
Kilograms per cubic meter	1.8	3.3	5.0
Grams per liter	1.8	3.3	5.0

Landscape

	Low	Med	High
Pounds per 1000 square feet	7.5	13.0	15.0
Kilograms per 100 square meters	3.7	6.3	7.3
Pounds of N per 1000 square feet	2.0	3.5	4.1

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

Guaranteed Analysis

Total Nitrogen (N) ²	27%
6.5% Ammoniacal Nitrogen (N-NH ₄)	
6.0% Nitrate Nitrogen (N-NO ₃)	
14.5% Urea Nitrogen (Ur-N)	
Available Phosphate (P ₂ O ₅) ²	4%
Soluble Potash (K ₂ O) ²	8%
Calcium (Ca)	1.2%
Sulfur (S) ²	3.0%
3.0% Combined Sulfur (S)	

Derived from: Polymer-coated Urea, Ammonium Nitrate, Ammonium Phosphate, Potassium Sulfate, Calcium Phosphate

²The nitrogen, phosphate, potash, calcium, and sulfur sources have been coated to provide 27% coated slow-release nitrogen (N), 4% coated slow-release available phosphate (P₂O₅), 8% coated slow-release soluble potash (K₂O), 1.02% coated slow-release calcium (Ca), and 3.00% 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.

