



Professional Growing Products

What One Bale or Bag Fills

Pot Size	Pots per 3.8 cf bale	Pots per 2.8 cf bag
Standard Round Pots		
2.5"	1550	620
3"	900	360
4"	363	145
5"	195	78
6"	105	42
8"	50	20
10"	24	9.5
12"	14	5.4

Azalea Pots		
4"	490	196
5"	245	98
5.5"	155	62
6"	133	53
6.5"	100	40
7"	83	33
8"	55	22
10"	28	11

Geranium Pots		
4"	425	170
4.25"	350	140
4.5"	313	125

This chart is a general guide.
The measurements are approximate.
They will vary depending upon the
pot manufacturer and the grower's
handling of the product.

Pot Size	Pots per 3.8 cf bale	Pots per 2.8 cf bag
Square Pots		
2.5"	1313	525
3"	875	350
3.5"	525	210
4"	325	130
4.5"	275	110
5.5"JS	110	44

Mum Pans		
8" x 5"	70	28
9" x 6.5"	45	18

Bulb Pans		
6"	163	65
8"	73	29
10"	38	15

Perennial & Nursery Containers		
Quart	240	96
0.5 Gallon	113	45
1 Gallon	65	26
2 Gallon	30	12
3 Gallon	23	9
C-100	240	96
C-300	65	26
C-400	50	20
C-600	30	12
C-900	25	10
C-1200	16	6.5

Pot Size	Pots per 3.8 cf bale	Pots per 2.8 cf bag
Decorative Pots		
6"	125	50
8"	58	23
10"	30	12
12"	16	6.5
14"	10	4

Bowls		
10"	53	21
12"	33	13
14"	23	9

Squares		
8"	40	16
12"	15	6
15"	8	3

Ovals		
12"	58	23
16"	28	11
20"	23	9

Hanging Baskets (without Saucers)		
6"	150	60
8"	70	28
10"	38	15
12"	23	9

Hanging Baskets (with external Saucers)		
6"	138	55
8"	65	26
10"	35	14
12"	21	8.5

Pot Size	Pots per 3.8 cf bale	Pots per 2.8 cf bag
Ornamental Plug Trays		
128 cell	65	26
288 cell	98	39
406 cell	110	44
512 cell	113	45

Propagation Trays		
Std Flat	50	20
36 cell	45	18
50 cell	63	25
72 cell	100	40
84 cell	125	50
98 cell	80	32

Seedling Trays		
128 cell	40	16
200 cell	38	15
288 cell	43	17
338 cell	50	20
392 cell	43	17

True 10" x 20" Inserts		
804	43	17
806	50	20
1203	50	20
1204	53	21
1801	40	16

Slim Jim 8.5" x 20" Inserts		
606	38	15
806JS	40	16
1204JS	43	17

TECHNIGRO
WATER SOLUBLE FERTILIZER

Fertilizer Calculations

Pounds (oz) of fertilizer per 100 gallons of solution

Desired ppm N	20% N	18% N	15% N
400	1.67 (27)	1.86 (30)	2.22 (35)
300	1.25 (20)	1.39 (22)	1.67 (27)
250	1.04 (17)	1.15 (18)	1.39 (22)
200	0.83 (13)	0.92 (15)	1.11 (18)
150	0.63 (10)	0.70 (11)	0.83 (13)
100	0.42 (6.7)	0.47 (7.5)	0.56 (9.0)

Drench Rates for Soilless Media

Drench Definitions	Milliliters of Solution/ Liter of Soil Volume	Percent of Soil Saturation (v/v)
Spreng, very light drench, heavy spray	25	2.5
Light drench	50	5.0
Moderate drench - STANDARD	100	10.0
Heavy drench	150	15.0
Very heavy drench, full saturation	200	20.0

The conversions, rates, calculations and data shown in the above
tables are approximations intended for general reference only.

Spray Coverage

Spray Definitions	Acre	100 sq ft	10 sq meters
Very light, surface spray (glistening)	50 gallons	0.125 gallons	0.5 gallons
Light spray	100	0.25	1.0
Moderate spray - STANDARD	200	0.50	2.0
Heavy spray, full plant coverage	300	0.75	3.0
Very heavy spray, full coverage, dripping	400	1.00	4.0

Common US to Metric Conversions

1 pound/100 gallons = 1.2 g/liter = 4.56 g/gallon

1 pound/cubic yard = 0.6 g/liter of mix = 0.6 Kg/liter of mix =
16.8 g/cubic foot of mix

At your service: Scientists with advanced degrees

It's not just our great products that ensure your success; it's what goes along with them.
Our team of horticultural scientists can help you select the right product, design your fertility
program based on your needs and provide answers to your most challenging questions.