

Growing Mix Potting Guide

NOTE: Potting Guide outlines approximately how many units can be filled using 1x 3.8 Cu. Ft. bale of soilless growing mix at each given unit size (results may vary).

Cell Packs					Hanging Baskets				
Size	Top	Height	Volume (Cu. In.)	Fills Approx # Trays	Size	Top	Height	Volume (Cu. In.)	Fills Approx. # Baskets
606D	10x20	3.25"	323	39	8"	8.75"	5.5"	178	71
804	10x20	2.75"	316	40	10"	10.75"	6.75"	329	38
806	10x20	2.75"	281	45	11"	11.75"	7.25"	400	31
1004	10x20	2.625"	292	43	12"	12.75"	7.5"	550	23
1201	10x20	2.75"	359	35	Azalea Pots				
1203	10x20	2.5"	320	39	Size	Top	Height	Volume (Cu. In.)	Fills Approx. # Pots
1204	10x20	2.25"	264	48	4"	4"	2.75"	24	530
1206	10x20	2.75"	238	53	4.5"	4.5"	2.375"	24	530
1801	10x20	3.125"	398	32	5"	5"	3.5"	37	340
1803	10x20	2.75"	217	58	5.5"	5.5"	4.25"	47	271
Standard Round Pots					6"	6"	4.25"	81	157
Size	Top	Height	Volume (Cu. In.)	Fills Approx # Pots	7"	7"	5"	127	100
3"	3"	2.75"	14	900	8"	8"	5.625"	189	67
3.5"	3.5"	3"	20	638	10"	10"	7.25"	376	34
4"	4"	3.5"	28	454	Perennial & Nursery Containers				
4.5"	4.5"	3.75"	40	317	Size	Top	Height	Volume (Cu. In.)	Fills Approx. # Containers
5"	5"	5"	66	193	3.5"	3.5"	4"	34	375
6"	6"	5.75"	112	114	4.5"	4.5"	5"	58	220
8"	8"	2.25"	231	55	5.5"	5.375"	6.125"	124	103
Square Pots					1 Quart	4.5"	5"	58	220
Size	Top	Height	Volume (Cu. In.)	Fills Approx # Pots	1 Gallon	6.25"	6.375"	146	87
3.5"	3.5"	2.875"	30	424	300	6.5"	7"	173	73
4"	4"	3.5"	39	326	600	8.5"	8.5"	462	27
4.5"	4.25"	3.875"	57	224	1200	11"	9.625"	692	18
5.5"	5.375"	5.25"	102	125					

General Fertilizer Dilution

NOTE: Dilution Rates and Ratios are different for all fertilizers. This example uses Peter's Professional 20-20-20 General Purpose Fertilizer. For other fertilizers please refer to that products information sheet.

Weight (in ounces) of Product needed to Mix One Gallon of Concentrate						Gallons of Water Required to Dissolve One 25 lbs Bag of Fertilizer							
Target Fertilizer Concentration (N/ppm) After Dilution	Common Injector Ratios (ounces)					EC (mmhos/cm) of target Feed Rate After Dilution	Target Fertilizer Concentration (N/ppm) After Dilution	Common Injector Ratios (gallons)					EC (mmhos/cm) of target Feed Rate After Dilution
	1:15	1:100	1:128	1:200	1:300			1:15	1:100	1:128	1:200	1:300	
25	0.3	1.7	2.2	3.4	5.1	0.10	25	1580.2	237.0	185.2	118.5	79.0	0.10
50	0.5	3.4	4.3	6.8	10.1	0.21	50	790.1	118.5	92.6	59.3	39.5	0.21
75	0.8	5.1	6.5	10.1	15.2	0.31	75	526.7	79.0	61.7	39.5	26.3	0.31
100	1.0	6.8	8.6	13.5	20.2	0.41	100	395.1	59.3	46.3	29.6	19.8	0.41
125	1.3	8.4	10.8	16.9	25.3	0.51	125	316.1	47.4	37.0	23.7	15.8	0.51
150	1.5	10.1	13.0	20.3	30.4	0.62	150	263.4	39.5	30.9	19.8	13.2	0.62
175	1.8	11.8	15.1	23.6	35.4	0.72	175	225.7	33.9	26.5	16.9	11.3	0.72
200	2.0	13.5	17.3	27.0	40.5	0.82	200	197.5	29.6	23.1	14.8	9.9	0.82
250	2.5	16.9	21.6	33.8	50.6	1.03	250	158.0	23.7	18.5	11.9	7.9	1.03
300	3.0	20.3	25.9	40.5	***	1.23	300	131.7	19.8	15.4	9.9	***	1.23
350	3.5	23.6	30.2	47.3	***	1.44	350	112.9	16.9	13.2	8.5	***	1.44
400	4.1	27.0	34.6	54.0	***	1.64	400	98.8	14.8	11.6	7.4	***	1.64
450	4.6	30.4	38.9	***	***	1.85	450	87.8	13.2	10.3	***	***	1.85
500	5.1	33.8	43.2	***	***	2.05	500	79.0	11.9	9.3	***	***	2.05
600	6.1	40.5	51.8	***	***	2.46	600	65.8	9.9	7.7	***	***	2.46

*** Exceeds Maximum Solubility

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