

Assignment 2. Number of pots and flats that can be filled from 1 ft³ of soil mix

Pot Size (in)	Approximate Dimension Top x Depth x Bottom (in)	Number of Pots/ft ³	Type	Approximate Dimension Top x Depth x Bottom (in)	Units/ft ³
Standard Round Pots			Flats		
2¼	2¼ x 2¼ x 1¾	256	Germination tray	11½ x 21¼ x 1½	7.0
2½	2¾ x 2¼ x 2	208	20-row Seeding tray	11½ x 21¼ x 1½	11.0
3	3 x 2 13/16 x 2¼	120	Standard Cell-Packs		
3½	3¾ x 3¾ x 2¾	80	6-6 cell packs per tray		5.4
4	4 x 3¾ x 2¾	48	8-6 cell packs per tray		5.9
4½	4¾ x 4¾ x 3	40	10-4 cell packs per tray		6.2
5	5 x 3½ x 4	28	10-6 cell packs per tray		6.7
5½	5½ x 5¾ x 3 13/16	20	12-4 cell packs per tray		6.0
6	6 x 5¾ x 4 1/16	16	12-6 cell packs per tray		7.0
7	6¾ x 7¾ x 4 11/16	10	Standard size 11¼ x 21¼ x 2½		
8	7 5/8 x 7¾ x 5 3/8	6	Plug Flats		
10	9 7/8 x 9¾ x 6 7/8	3	50 sq. flat	1 7/8 x 2¼	6.3
Azalea Pots			72 rd. flat	1 7/16 x 1¾	12.8
4	4 x 2 3/16 x 3	56	72 sq. flat	1 9/16 x 2 3/16	7.3
4½	4½ x 3 3/8 x 3¼	44	98 sq. flat	1 5/16 x 2	7.9
5	5 x 3 13/16 x 3 9/16	28	128 sq. flat	1 3/16 x 1 13/16	9.0
5½	5½ x 4¼ x 3 7/8	24	162 sq. flat	1 x 1½	9.2
6	6 x 4 5/8 x 4¼	18	200 sq. flat	5/16 x 1½	10.7
6½	6½ x 5 x 4 9/16	16	273 sq. flat	¾ x 1 1/8	18.6
7	6 7/8 x 5 3/8 x 5 1/16	12	288 rd. flat	1 3/16 x 1	19.1
7½	7 3/8 x 5 11/16 x 5 3/8	10	288 sq. flat	1 3/16 x 1¼	15.0
8	8 1/8 x 5 7/8 x 6	7	392 sq. flat	5/8 x 7/8	23.1
8½	8 1/8 x 6¼ x 6¼	6	406 sq. flat	5/8 x 7/8	22.2
10	9 7/8 x 7 3/8 x 7¼	4	512 sq. flat	9/16 x ¾	24.7
Square Pots			Nursery Containers (plastic)		
2¼	1 5/16 x 1 7/8 x 1½	357	1 gal	6½ x 6½	10.0
2½	2 3/8 x 1 15/16 x 1 7/8	224	2 gal	8½ x 8½	4.5
3	2¾ x 2¼ x 2 1/8		3 gal	10¼ x 9 5/8	3.3
3½	3¼ x 2¾ x 2½		Saucerless		
4	3 5/8 x 3 1/8 x 2 1/8		8		9.7
4½	4 1/8 x 3 5/8 x 3¼		0		5.3
Bulb Pans			2		3.1
6	6 1/16 x 3 9/16 x 4 9/16	24	Hanging Baskets		
7	7 1/16 x 3 13/16 x 5 9/16	16	6	6 x 4½ x 3¼	29
10	10¼ x 4 15/16 x 8 1/8	5	8	7½ x 4 7/8 x 4 1/16	11
12	12 1/8 x 6 x 9¾	3	10	10 x 6 1/8 x 4	5