

Seed Starting Flats, Trays, Domes & Pots

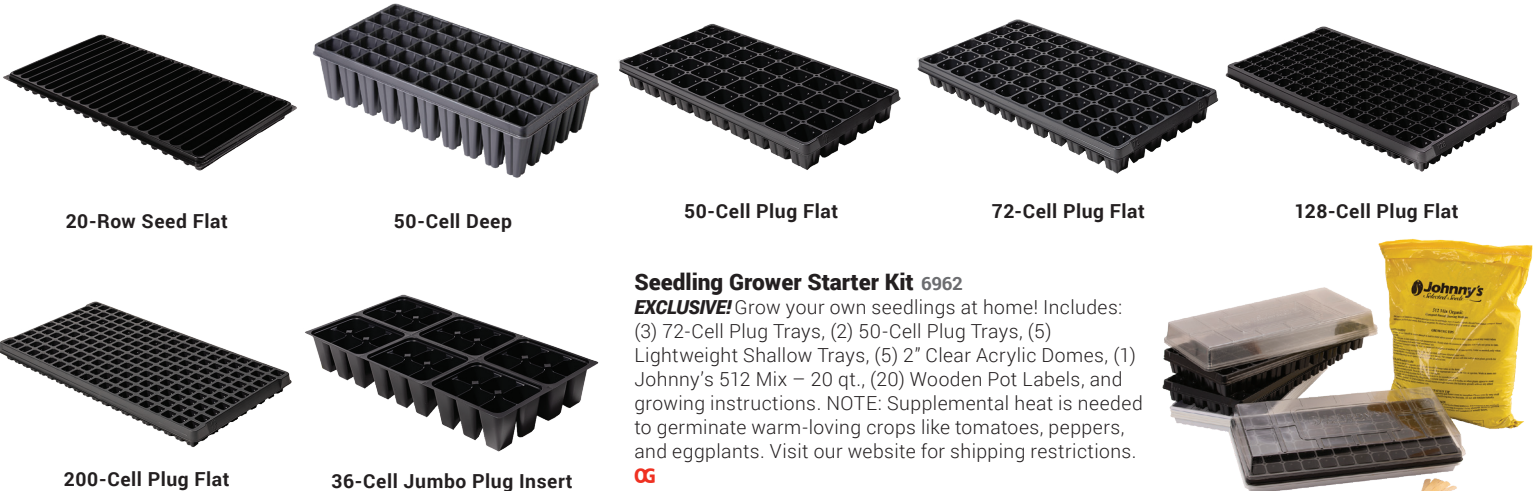
SEEDLING FLATS

To incorporate our seedling flats into your growing system, first identify which flat best accommodates your crop using the chart below. Typically, the larger the seedling, the larger the cell you will need to allow for proper root development. Those crops that will be in flats for longer may benefit from being started in 20-row flats and “potted up” into plug flats. Seedlings can also be started in, or transplanted into, plug inserts or pots.

	Recommended Crops	Compatible With†	Cell Size‡	Part #	Qty
20-Row Seed Flats Save space by starting seeds in one flat and transplanting into cell trays after germination.					
20-Row	Crops that take longer to germinate and grow (e.g., Peppers, Eggplant, Perennial Herbs, Lisianthus)	Lightweight Shallow Trays (with or without holes)	9 ³ / ₄ " L x 7 ⁷ / ₈ " W x 1 ¹ / ₄ " D	9523	5
				9524	50
SureRoots Deep-Cell Plug Flats Promotes deeper root development.					
50-Cell	Sweet Peas, Asparagus, Perennials, and crops with a taproot or that are sensitive to root disturbance	All bottom trays and 1020 domes	2" Square x 5" D	7554	5
				7553	25
Plug Flats The standard compact design for efficiently growing seedlings.					
50-Cell	Artichokes, Cucumbers, Melons, Ornamental Grasses, Peppers, Squash, Tomatoes	Lightweight Shallow Trays (with or without holes)	1 ⁷ / ₈ " Square x 2 ³ / ₈ " D	9498	5
				9499	100
72-Cell	Basil, Broccoli, Cabbage, Flowers, Herbs, Kale, Swiss Chard	Lightweight Shallow Trays (with or without holes)	1 ¹ / ₂ " Square x 2 ¹ / ₄ " D	9496	5
				9497	100
128-Cell	Chicory, Delphinium, Fennel, Lettuce, Lisianthus, Onions, Shallots, Stock	Lightweight Shallow Trays (with or without holes)	1 ¹ / ₈ " Square x 1 ⁷ / ₈ " D	9494	5
				9495	100
200-Cell	Flowers and Herbs (small-seeded, e.g., Alyssum and Chamomile)	Lightweight Shallow Trays (with or without holes)	1 ³ / ₁₆ " Square x 1 ³ / ₈ " D	9492	5
				9493	50
Jumbo Plug Inserts Separates into 6-packs for seedling sales.					
Six 6-Packs	Tomatoes, Peppers, Broccoli, Kale, Lettuce, Greens (for bunching), Flowers, Herbs	Lightweight Deep Trays (with or without holes), Mesh Trays	2" L x 2 ¹ / ₄ " W x 3 ¹ / ₄ " D	9027	5
				9019	100

† Only compatible with products listed.

‡ All seedling flats shown here have drainage holes.



Seedling Grower Starter Kit 6962

EXCLUSIVE! Grow your own seedlings at home! Includes: (3) 72-Cell Plug Trays, (2) 50-Cell Plug Trays, (5) Lightweight Shallow Trays, (5) 2" Clear Acrylic Domes, (1) Johnny's 512 Mix – 20 qt., (20) Wooden Pot Labels, and growing instructions. NOTE: Supplemental heat is needed to germinate warm-loving crops like tomatoes, peppers, and eggplants. Visit our website for shipping restrictions.

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Try our [Seed Starting Date Calculator](https://Johnnyseeds.com/seed-starting-calculator) to determine when to start your seeds.
Johnnyseeds.com/seed-starting-calculator

SUPPORT TRAYS

Use the chart below to select the right tray for your needs. Deep “1020” trays without holes serve as water reservoirs, carry trays for seedling flats and inserts, and are ideal for most seed-starting applications. Shallow trays are excellent for microgreens production. Mesh trays support seedling flats and soil blocks and are best for any application where water drainage is beneficial.

Solid Trays without Holes	For Bottom Watering	Compatible With†	Depth	Part #	Qty	Color
Polypro Shallow Trays	Shallow polypropylene trays with deep channels drain away excess water. Ideal for bottom watering, soil blocking, and microgreens production	2.5" Pots, Polypro 5x5 Insert Pots (see page 181), Polypro Trays	1 1/4"	6375	4 Count	Black
				6377	24 Count	Black
Polypro Endurance Deep Trays	Johnny's thickest wall trays. Developed to endure the most rigorous commercial grower applications.	2.5" Pots, Polypro 5x5 Insert Pots (see page 181)	2 3/10"	6343	4 Count	Black
				6345	4 Count	Red
				6344	4 Count	Blue
				6346	24 Count	Black
				6348	24 Count	Red
6347	24 Count	Blue				
Lightweight Deep Trays	Ideal for bottom watering.	Jumbo Plug Insert, Soil Block Propagation Tray, Plastic Pots	2 1/2"	9514	5 Count	Black
				9515	100 Count	Black
Lightweight Shallow Trays	Ideal for bottom watering.	20-row Seed Flat, Soil Block Propagation Tray, Plug Flats	1 1/4"	7244	5 Count	White
				7245	36 Count	White
Solid Trays with Holes For Drainage						
Polypro Shallow Trays	Durable polypropylene shallow trays with holes for drainage. Available in colors for color-coded production.	2.5" Pots, Polypro Insert Pots (see page 181)	1 1/4"	6369	4 Count	Black
				6370	4 Count	Blue
				6371	4 Count	Red
				6372	24 Count	Black
				6373	24 Count	Blue
				6374	24 Count	Red
6376	6 Count	Multi				
Lightweight Deep Trays (with Holes)	Standard 1020 tray. Seed straight into tray or use for extra support. Has holes for drainage.	Jumbo Plug Insert, Plastic Pots	2 1/2"	9509	5 Count	Black
				9508	100 Count	Black
Lightweight Shallow Trays (with Holes)	Perfect for microgreens and shoots production. Has holes for drainage.	20-row Seed Flat, Plug Flats	1 1/4"	7291	5 Count	Black
				7290	100 Count	Black
Mesh Trays						
Polypro Shallow (Mesh) Trays	Tight mesh polypropylene design with reinforced ribbing for extra durability.	2.5" Pots, Polypro Insert Pots (see page 181)	1"	6378	4 Count	Black
			1"	6379	24 Count	Black
			2.3"	6380	4 Count	Black
			2.3"	6381	24 Count	Black
Medium Weight Mesh Tray	Provide easy transportation and support for seedling flats.	Jumbo Plug Insert, Plastic Pots	2 1/2"	7304	5 Count	Black
				7305	50 Count	Black
Heavyweight Mesh Tray	Provide easy transportation and extra support for seedling flats.	Jumbo Plug Insert, Plastic Pots	2 1/2"	7306	5 Count	Black
				7307	50 Count	Black

† Only compatible with products listed.



Polypro Endurance Deep Tray
3 Colors



Lightweight Deep Tray



Lightweight Shallow Tray



Polypro Shallow Tray (with Holes)
3 Colors



Lightweight Deep Tray (with Holes)



Polypro Shallow Mesh Tray



Medium Weight Mesh Tray



Heavyweight Mesh Tray



2" Clear Acrylic Dome



Large 7" Clear Propagation Dome

HUMIDITY DOMES

Provide the perfect environment for germination by covering your flat with a plastic dome that helps retain moisture and warmth. Remove the dome once the seeds emerge to reduce the risk of disease. Use in conjunction with a heat mat for faster, more uniform germination of heat-loving crops. NOTE: Dome rests lightly over the tray and does not form a tight seal.

2" Clear Acrylic Domes

Standard humidity dome for germinating seedlings.

Compatible With

20-row Seed Flat, Plug Flats, Lightweight Shallow Tray (with Holes), Lightweight Shallow Tray, Lightweight Deep Tray (with Holes), Lightweight Deep Tray, Soil Block Propagation Tray, SureRoots Plug Flats

Vented?

No

Part

9519
9518

Qty

5 Count
50 Count

Large 7" Clear Propagation Domes

Great healing chamber for newly grafted plants.

20-row Seed Flat, Plug Flats, Jumbo Plug Insert, Lightweight Shallow Tray (with Holes), Lightweight Shallow Tray, Lightweight Deep Tray (with Holes), Lightweight Deep Tray, Mesh Trays, SureRoots Plug Flats

Yes

7150
7149

5 Count
25 Count

POTS

Biodegradable Fertil Pots

Round	Units per 1020 Tray	Part #	Qty
2 1/3" W x 2 1/3" H	32	9327	160 Count
		9313	3,000 Count
3 1/8" W x 3 1/8" H	18	9315	90 Count
		9429	1,370 Count
4" W x 4" H	14	9083	50 Count
		9452	810 Count

Square Insert Strips†

36 cells 1 1/2" W x 2" H	2	7384	10 Count
		7385	144 Count
20 cells 2" W x 2" H	2	9211	10 Count
		9457	87 Count
18 cells 2 1/8" W x 2 1/3" H	2	9217	10 Count
		9874	111 Count
12 cells 3 1/8" W x 3 1/8" H	1 1/2	9351	8 Count
		9477	64 Count

† Must be used with a support tray.

Square Plastic Pots‡

Mini	Units per 1020 Tray‡	Part #	Qty
3 1/2" Sq. x 2 7/8" D	18	9510	18 Count
		9512	540 Count

Maxi

3 1/2" Sq. x 3 1/2" D	18	7748	18 Count
		7746	540 Count

Jumbo

5 1/4" Sq. x 5 1/2" D	8	7749	8 Count
		7747	200 Count

† All plastic pots have drainage holes.

‡ Number of pots that fit into a standard 1020 tray.



Mini

Maxi



Fertil Pots



Polypro 5x5 Insert Pots
3 Colors

Polypro Insert Pots

Polypro 2.5" Insert Pots	Compatible With	Part #	Qty	Color
2.5" W x 3.5" H	Endurance Trays, Polypro Trays, and Polypro 5x5 Insert Pots	6361	8 Count	Red
		6365	32 Count	Red
		6359	8 Count	Blue
		6364	32 Count	Blue
		6357	8 Count	Black
		6363	32 Count	Black

Polypro 5x5 Insert Pots

5" W x 2.5" H	Endurance Trays, Polypro Trays, and 2.5" Insert Pots	6362	8 Count	Red
		6368	24 Count	Red
		6360	8 Count	Blue
		6367	24 Count	Blue
		6358	8 Count	Black
		6366	24 Count	Black