

# Tools & Supplies

## Bed Preparation — Prepare your garden beds with optimal efficiency



Tilther

### A Trusted Grower Favorite Since 2005

#### Tilther

The only tool of its kind designed and endorsed by Eliot Coleman and ideal for reducing tillage on the farm. The Tilther mixes only the top 2" of soil, leaving soil structure and beneficial microbes intact, without bringing weed seeds to the surface to germinate. Lightweight and portable for use in high tunnels, and the drill-powered design means no fumes! At 15" wide, it is perfectly sized to quickly prepare half of a 30" bed for the next planting. Made in Maine. Powered by a standard rechargeable 18V drill (not included). 📞

9286

#### 📺 MORE ONLINE

Watch our Tilther demo to learn how to mix in compost and refine the soil to create perfect tilth for direct seeding or transplanting. [Johnnyseeds.com/videos](http://Johnnyseeds.com/videos)



Model 520 (#9677)

#### Traditional Broadforks

Broadforks allow you to break up soil compaction in established beds while leaving beneficial organisms and soil structure intact. A great choice for minimal tillage operations, they also help to improve soil structure over time. Ergonomically designed with parabolic-curved tines and lightweight ash wood handles. Tines are 10 1/2" long. Made in Maine. 📞  
9383 Model 415: Four tines, 15" wide  
9677 Model 520: Five tines, 20" wide  
9338 Model 727: Seven tines, 27" wide



Traditional  
Tine Shape

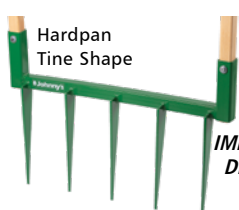


#### Harvest Broadfork

Based on our 520 Traditional Broadfork (#9677), but with closely spaced tines to loosen soil around root crops with minimal damage. 📞  
9061 Model 920: Nine tines, 20" wide.

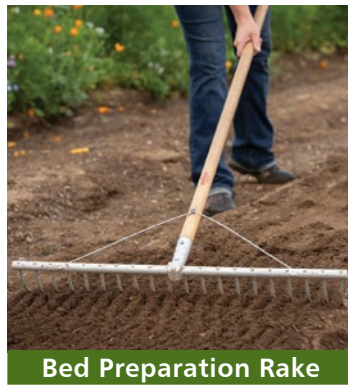
#### Hardpan Broadfork

Made with heavy-duty steel-plate tines, these are your best choice for rocky and compacted soils. 📞  
7310 Model 415HP: Four tines, 15" wide  
7238 Model 520HP: Five tines, 20" wide  
7309 Model 727HP: Seven tines, 27" wide



Hardpan  
Tine Shape

IMPROVED  
DESIGN!



#### Bed Preparation Rake

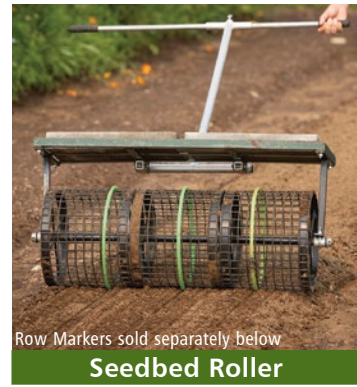
The unique curve of the tines and 6' long handle allow you to ergonomically push and pull the soil to make perfectly smooth beds. The lightweight 29" wide head is used to level the soil and remove rocks. 📞  
9219

#### Row Markers for Bed Prep Rake

Slide over the tines for marking rows or creating a transplanting grid. 📞  
9867 6 count



Row Markers for Bed Prep Rake



Row Markers sold separately below

#### Seedbed Roller

Simple, but highly effective solution for firming beds prior to seeding or transplanting. Heavy-duty lobster trap wire roller easily rolls down the bed and has a built-in rack for holding standard cinder blocks for added weight. The 30" model has 3 independent rollers that provide a slip differential for easy turning at the end of a row. Made in Maine. 📞  
7219 30" wide  
7705 36" wide  
7706 48" wide

#### Dibble Starter Pack

Includes 36 small, 18 medium, and 12 large snap-in dibbles. 📞 7292

#### Row Markers for Seedbed Roller

**EXCLUSIVE!** Polyethylene tubing easily attaches to wire mesh. 📞  
7411 6 count



# Popular Tools Developed by Johnny's



**Six-Row Seeder, Second Edition**

We have re-engineered our Six-Row Seeder to make it more efficient and easier to use. Our new model includes tabs on the drive wheel for improved traction in a wider variety of soil types, open wheel ends for easily cleaning out the wheel cage, a seed funnel for efficiently collecting unused seed (saving you time and money), a powder-coated steel frame, and an adjustable offset 59" handle. Design based on customer feedback and our own trial observations. Made in the USA. 🇺🇸  
6758



**Adjustable Toolbar**

Make perfectly sized transplanting holes for achieving evenly spaced rows! Seedling starts fit right in the holes without further digging. Screw-on dibbles allow you to easily choose your row spacing along the toolbar, and a set of row markers adjust to mark out your next set of holes. Lightweight design is easy to carry and transport. Choose dibbles designed for seedlings grown in either 128-cell or 72-cell plug flats. One set of dibbles required, sold separately below. Sturdy 34" wide, powder-coated steel head with Maine ash wood handles. Made in Maine, USA. 🇺🇸  
6752

## **Toolbar Dibbles for Transplanting 🇺🇸**

- 6753 128-Cell Dibble – Single
- 6756 128-Cell Dibble – 6 count
- 6754 72-Cell Dibble – Single
- 6757 72-Cell Dibble – 6 count
- 6755 Dibble Starter Pack  
Includes (4) 128-cell and (4) 72-cell dibbles and hardware.



# Jang Seeder



**Jang JP-1 Seeder**

The new industry standard for precision seeding. Allows highly accurate sowing in a wide variety of soil conditions. A multitude of custom rollers available for unlimited seed spacing options. Handle height is adjustable and offset for comfortable footpath operation. Seed rollers sold separately. Please allow 7–10 business days for delivery.  
7319



**Spinach Roller Pack**

**NEW EXCLUSIVE!** Includes one of each Jang roller: MJ-24 and L-24. Sows approximately 2–3 seeds per drop at your desired spacing between 1/2–2 1/2" apart.  
7519

## **Starter Roller Pack**

Includes one of each Jang roller: X-24 (brassicas, baby greens, and raw onion), F-24 (radish), LJ-12 (raw beets, size #13 pelleted beets, carrots, lettuce, and onion), XY-24 (raw carrots and lettuce), and N-6 (small beans and corn).  
7024



**Baby Leaf Roller Pack**

Includes one of each Jang roller: Y-24, X-24, F-24, and XY-24 for seeding Asian greens, mustards, brassicas, raw lettuce, and more.  
6931

## **➔ MORE ONLINE**

See all Jang seeders and accessories (including our full line of seed rollers) at [Johnnyseeds.com](http://Johnnyseeds.com)



# Seed-Starting Supplies

## LED Strip Lights

The high-powered SunBlaster horticultural lights offer outstanding performance, efficiency, and longevity for your indoor growing needs. Through advanced self-cooling technology, they deliver the maximum lighting output without the danger and inefficiency of excess heat. Virtually noiseless during operation. Mercury-free.



Part #	Length	LEDs	Watts	Spectrum	Lumens per watt	Mercury Content	Lamp Life Expectancy
8340	24" (60 cm)	48	24W	6400K	106	0	50K hrs.
8341	36" (90 cm)	72	36W	6400K	108	0	50K hrs.
8342	48" (120 cm)	96	48W	6400K	107	0	50K hrs.

**Your LED Strip Light Kit includes:**

LED Strip Light | 6' Power Cord with On/Off Switch | 14" Link Cord | 2 Flush Mount Clips | 2 Hanging Clips

## T5HO Strip Lights with NanoTech Reflector

High-performance SunBlaster fluorescent lighting provides the ideal spectrum for promoting healthy, vigorous plant growth. This product combines the T5HO strip lights with the NanoTech reflector for greater efficiency—spreading light more widely across the plant canopy for optimum light diffusion without consuming any additional electricity.



T5HO Single Replacement Lamps available online

Part #	Length	Lumens	Watts	Voltage	Spectrum	Lumens per watt	Mercury Content	Lamp Life Expectancy
8343	24" (60 cm)	2232	24W	110-130	6400K	93	≤3.0mg	10K hrs.
8344	36" (90 cm)	3627	39W	110-130	6400K	93	≤5.0mg	10K hrs.
8345	48" (120 cm)	5022	54W	110-130	6400K	93	≤5.0mg	10K hrs.

**Your T5HO Strip Light kit includes:**

T5HO Strip Light | NanoTech Reflector | 6' Power Cord with On/Off Switch | 14" Link Cord  
2 Flush Mount Clips | 2 Hanging Clips

**MORE ONLINE** Shop grow tents, replacement bulbs, fixtures, and other accessories at [Johnnyseeds.com](http://Johnnyseeds.com).

## 4' LED Propagation Rack Kit

Everything needed to build your own energy-efficient propagation area using a standard 4-ft. wide wire baker's rack (not included). Fast and easy to assemble. Designed to hold sixteen standard 1020 trays for maximum production on a small footprint. Perfect for seed starting, plant propagation, microgreens, and shoots production. Each lamp is 48W. 6400K. 5,150 Lumens-6738

**Your Kit Includes:**

- (8) 48" SunBlaster LED Strip Lights
- (4) Strip Light Hangers
- (4) 14" Link Cords
- (3) 24" Link Cords
- 6 ft. Power Cord with On/Off Switch
- Wire rack not included



## SureRoots 50-Cell Deep Plug Flats

**NEW** Promotes deeper root development. Our preferred flat for growing sweet peas on the Research Farm. Also a great choice for asparagus, perennials, and crops with a taproot, or those that are sensitive to root disturbance. Compatible with all bottom trays and 1020 domes. Cell size: 2" square x 5" deep. 7554 5 flats. 7553 100 flats.



## Microgreens Supplies



### Microgreens Growing Tray & Reservoir Tray

**NEW** Durable and reusable. The growing tray nestles inside of a reservoir tray to create an ideal microgreens planter. Shallow walls make for easy harvests and ridged bottom allows for optimal watering and drainage. Made from tough injection-molded plastic (BPA-free) that is easy to clean/sterilize and holds up to repeated use. The Reservoir Tray holds water to aid in bottom watering. 22" x 11" x 1 1/8". NOTE: Not compatible with standard 1020 flats, trays, or domes.

**A.** 6796 Microgreens Growing Tray with drainage holes.

**B.** 6797 Microgreens Reservoir Tray without drainage holes.



**5x5 Inserts in Leakproof Tray**

### 5x5 Inserts

**NEW** Ideal for small microgreen plantings. Perfect for direct sales to chefs or for staggering small microgreen plantings for continuous harvests. Each flat splits into 8 mini containers (which fill a standard 1020 tray), with each detachable insert tray measuring approx. 5" x 5". NOTE: Must be used with a leakproof 1020 bottom tray or mesh tray.

7583 5 Count.

7582 100 Count.



### TerraFibre Hemp Grow Mats

**NEW** Made from natural pH-neutral, industrial hemp fibers. Cleaner to use than soil mix and 100% biodegradable and compostable. Hemp has a high water-holding capacity, keeping seeds moist through germination. Made with biodegradable backing for added strength. Compatible with all 1020 bottom trays and Microgreens Growing Trays (#6796). Made in Canada. NOTE: 5" x 5" mats are compatible with our 5x5 Inserts (#7582 and #7583).

7550 5" x 5". 40 Count.

7548 10" x 20". 10 Count.

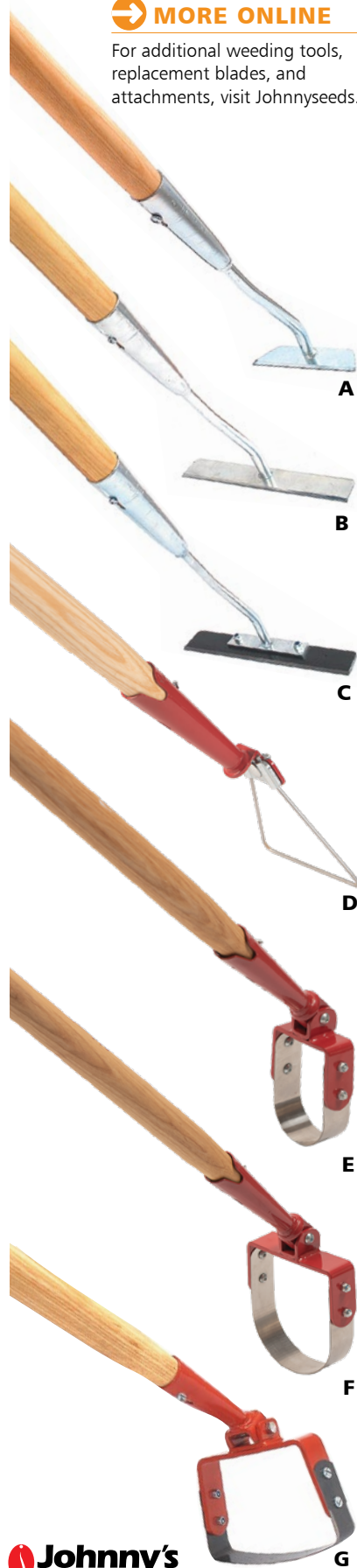
7549 10" x 20". 140 Count.




# Weed Control — Tools for effective and efficient weed management

## MORE ONLINE

For additional weeding tools, replacement blades, and attachments, visit [Johnnyseeds.com](http://Johnnyseeds.com)



## Collinear Hoes

Eliot Coleman's finest work is a complete departure from traditional designs. Ergonomic design allows the user to stand straight, using a thumbs-up grip, while a sharp, thin blade rides flat and collinear with the soil surface, slicing off weeds without throwing soil onto nearby seedlings. Especially effective in and around low-lying crops such as head lettuce. 

- A. 9546 3<sup>3</sup>/<sub>4</sub>" Fixed Blade Collinear Hoe
- B. 9093 7" Fixed Blade Collinear Hoe
- C. 9587 7" Replaceable Blade Collinear Hoe

## Delta Wire Hoe

**D. EXCLUSIVE!** Essential thread-stage weed control. Modeled after an Eliot Coleman original. No sharp blades; safe to use around drip tape, plastic mulch, and plant stems. Includes interchangeable wire heads in 2.3", 3.5", and 4.7" widths. 7945

## Omega Oscillating Hoes

**EXCLUSIVE!** A great choice for shallow-rooted crops. Gently curved oscillating hoe allows you to undercut small weeds, while minimizing damage to crop roots and stems. Great for onions. Replacement blades also available.

- E. 6996 2.3" wide
- F. 6995 3.9" wide

## Stirrup Hoes

Double-sided, oscillating blade carves through tough weeds just below the soil surface, cutting on the push and pull stroke to cover a lot of ground fast! Great for footpaths. Unparalleled quality construction allows this tool to glide smoothly through soil, making it our favorite stirrup hoe on the market.

- 9489 3<sup>1</sup>/<sub>4</sub>" Stirrup Hoe
- G. 9500 5" Stirrup Hoe
- 9504 7" Stirrup Hoe



## Glaser Wheel Hoes

This classic wheel hoe was designed after the original Planet Jr. model and accepts the same attachments. Highly maneuverable and perfect for cultivating garden beds and footpaths much faster than with a hand hoe. Elegant natural wood handles are ergonomic and comfortable to use. Fully adjustable for height, handle angle, and attachment angle. Includes offset handle brackets for operation from the footpath. Available with either 8" or 12" wide center-mounted oscillating hoe blades.

- 9090 With 8" Oscillating Blade
- 9378 With 12" Oscillating Blade



## Terrateck Wheel Hoes

**EXCLUSIVE!** Fully customizable for the job at hand. Well-constructed French wheel hoes for in-row, inter-row, and footpath cultivation. Many quick-change attachments allow for targeting small weeds with high accuracy, as well as hilling crops and breaking up soil crust. Fully adjustable frame. Unique tool mounting system for quickly changing out attachments in the field without the use of tools. Available in single and double models. Our innovative Double Wheel Hoe allows cultivation on both sides in one pass! All attachments and toolbars, including hoe blades, sold separately online. Made in France by Terrateck.

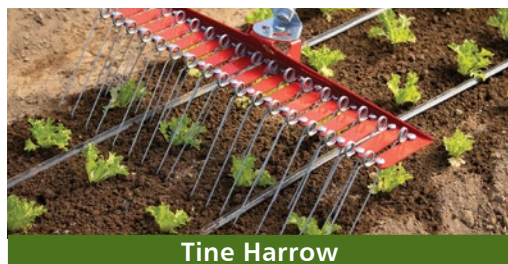
- 7615 Single Wheel Hoe
- 7620 Double Wheel Hoe



## Spring Hoes

**EXCLUSIVE!** In-row and between-row cultivation in a single pass. Sharp blades cut through weeds just below the soil surface on either side of the crop, while flexible tines uproot emerging weeds in-row. 6" height clearance. Available in standard 3.5" width between blades or 4.7" for use with wider, more mature crops. Made in France by Terrateck.

- 7923 3.5" wide
- 6978 4.7" wide



## Tine Harrow

**EXCLUSIVE!** Perfect for cultivating right over crops or stale seed bedding. Dual-staggered rows of stiff, spring-loaded tines effectively uproot thread-stage and cotyledon-stage weeds in garden beds. Great for working in heavier soils and with crops (like onions) that do not form a leaf canopy. Can also be used to cultivate smaller leafy crops like baby leaf greens before canopies are fully developed. Made in France.

- 7968 30" wide