

Circulating Tools

- Tools will circulate for one week
- You can place a hold on a tool
- All tools will be checked for cleanliness and good condition. You may be charged for any missing or damaged items
- Tools can NOT be returned to other libraries or in the book drop

If you have any questions, please ask the library staff. Thank you!



TOOLS AVAILABLE TO BORROW FROM THE GPL TOOL SHED

- 1 [Bulb Planter \(Long Handled\)](#)
- 2 [Bulb Planter \(Short Handled\)](#)
- 3 [Bypass Lopper](#)
- 4 [CobraHead Weeder/Cultivator](#)
- 5 [Deep-Seat Garden Kneeler](#)
- 6 [Digging Bar / San Angelo Bar](#)
- 7 [Extractigator](#)
- 8 [Garden Bandit Hand Loop Weeder](#)
- 9 [Grampa's Weeder](#)
- 10 [Grandpa's Goody Getter](#)
- 11 [Hula-Ho Weeder/Cultivator](#)
- 12 [Japanese Hand Hoe \(Left Handed\)](#)
- 13 [Japanese Hand Hoe \(Right Handed\)](#)
- 14 [Parsnip Predator](#)
- 15 [Post Hole Auger](#)
- 16 [Post Level](#)
- 17 [Potlifter](#)
- 18 [Power Rake](#)
- 19 [Raspberry Cane Cutter](#)
- 20 [Safety Glasses \(Amber\)](#)
- 21 [Safety Glasses \(Bifocal\)](#)
- 22 [Seed and Plant Spacing Ruler](#)
- 23 [Soil Moisture Sensor Meter](#)
- 24 [Sunlight Calculator](#)
- 25 [Tiny \(Bonsai\) Pruning Saw](#)
- 26 [Transplanting \(Drain\) Spade](#)
- 27 [Tree Pole Pruner](#)
- 28 [Water-Powered Weeder](#)

GPL TOOL SHED BORROWING POLICY BASICS

1. Tools may be borrowed for up to seven (7) days.
2. A maximum of three (3) tools may be borrowed at one time.
3. Tools must be returned clean and in good working condition, with all parts and components in their original library package.
4. Tools must be returned inside the Georgetown Peabody Library at the circulation desk during regular hours of operation.
5. Tools must be returned to the circulation desk no later than fifteen (15) minutes before closing time on their due date.
6. Only the borrower is authorized to use the tools. No other persons are permitted to use the tools.
7. The borrower must certify that they are capable of using the tool in a safe and proper manner and will use the tool in a safe and proper manner.
8. The borrower is solely responsible for any loss or damage to a tool while in their possession.
9. The borrower will pay full repair and/or replacement costs should the borrowed tool be stolen, lost, not returned, or damaged.
10. Georgetown Peabody Library staff can refuse to loan any tool to any borrower, or to suspend the borrowing privileges of any borrower for any reason, including but not limited to any perceived violation of the Borrowing Policy.

BULB PLANTER (LONG HANDLED)

Dig holes of uniform size and depth quickly to plant flower bulbs without disturbing surrounding soil

A bulb planter is designed for the specific task of digging small, neat holes consistently at the correct depth. This is so that plant shoots don't have to grow too far to see daylight and to keep tall plants from flopping over. Using a bulb planter takes the guesswork out of planting and makes the process quicker. A bulb planter can also be used for transplanting or even digging golf cups!

FEATURES

- Extra-wide and elevated foot step for optimal leverage, stability and performance
- Handle and blade designed to relieve arm, wrist and hand stress
- Stainless steel blade and resin-encased carbon steel shaft
- Manufactured in the US

USE AND CARE OF THIS TOOL

1. It is **STRONGLY** recommended that you wear gloves and work boots while using this tool.
2. Digging technique is important! This tool is designed to enter the soil from a straight up position or at a very slight angle which will deliver the most force with the least effort.
3. Step on the foot rest to plunge the digging end into the soil; pull it out with the soil inside the blade.
4. Do **NOT** try to push this tool into heavy or compacted soil by force! Even if you manage to muscle this tool through heavy clay, it would smooth and compress the sides of the hole, making future root growth more difficult.
5. Be sure to carefully and completely clean any debris from the blade after use.
6. Do not immerse this tool in water. Clean with a damp rag and thoroughly wipe dry when finished.
7. If you have **ANY** questions about the use or care of this tool please contact the GPL at **978-352-5728**.

SPECIFICATIONS

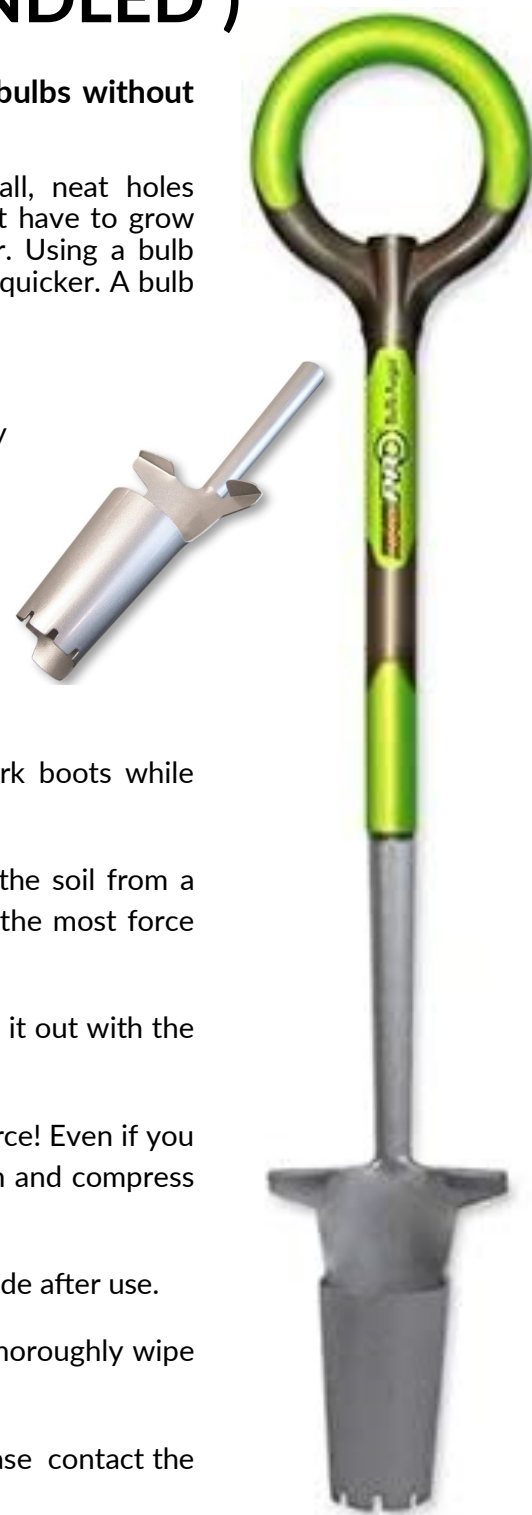
Radius Garden 212 PRO Stainless Steel Garden Bulb Auger

41.3" length x 7.5" width x 4.25" height

tool weighs 4 lbs. 10 oz.

made by Radius Garden <https://radiusgarden.com/>

purchased May 2019 from Amazon.com **REPLACEMENT COST: \$60.00**



BULB PLANTER (LONG HANDLED)

RESOURCES TO HELP YOU USE THIS TOOL

WEBSITES

Radius Garden Tools

<https://radiusgarden.com/>

Do I Need a Bulb Planter: Learn About Using Bulb Planters in the Garden

<https://www.gardeningknowhow.com/garden-how-to/tools/using-bulb-planters-in-gardens.htm>

University of Minnesota Extension: Planting bulbs, tubers and rhizomes

<https://extension.umn.edu/how/planting-bulbs-tubers-and-rhizomes>

University of Illinois Extension: Bulbs and More

<https://web.extension.illinois.edu/bulbs/planting.cfm>

Planting Bulbs

https://www.brecks.com/how_to_planting_care_of_bulbs_depth

Bulb Planters Make Hard Work Easy

<https://www.gardengatemagazine.com/articles/how-to/plant/bulb-planters/>

VIDEOS

How to choose a bulb planter

<https://www.youtube.com/watch?v=4qiWTm5xVZk>

How to Choose and Use Shovels and Other Digging Tools - This Old House

<https://www.youtube.com/watch?v=0AiQPWL3epE>

BULB PLANTER (SHORT HANDLED)

Dig holes of uniform size and depth quickly to plant flower bulbs without disturbing surrounding soil

A bulb planter creates small, neat, uniform holes consistently at the correct depth. This is so that plant shoots don't have to grow too far to see daylight and to keep tall plants from flopping over.

Digging with this tool is easier and neater than using a trowel. Lawn turf, mulched beds and nearby plants are less disrupted by the precise removal of a core of soil. The coring system also means you can easily replace the soil in the same layers in which it was removed.

FEATURES

- Automatic soil release handle mechanism
- Depth marker from 1 to 4 inches for more consistent planting
- Reinforced steel resists bending for easier digging in heavier soils
- Good for planting tulip, daffodil, lily, dahlia and other bulbs

USE AND CARE OF THIS TOOL

1. It is **STRONGLY** recommended that you wear gloves while using this tool.
2. Digging technique is important! This tool is designed to enter the soil from a straight up position or slight angle which will deliver the most force with the least effort.
3. Hold the handle with your thumb over the curved button at the end of the handle, pressing the curve to squeeze the handle together (figure 1).
4. Position the tool over the spot you want to plant your bulb (figure 2). Push down with a twist while squeezing the handle. Once core is buried, release button (figure 3).
5. Pull out the core of dirt inside the planter. Drop your bulb in place in the hole.
6. Release the soil back into the hole to cover your bulb by pressing the curved button with your thumb. Pat the soil down into place and move on.
7. Do NOT try to push this tool into heavy or compacted soil by force! Even if you manage to muscle this tool through heavy clay, it will smooth and compress the sides of the hole, making future root growth more difficult.
8. Do not immerse this tool in water. Clean with a damp rag and thoroughly wipe dry when finished.
9. If you have ANY questions about the use or care of this tool, please contact the GPL at **978-352-5728**.

SPECIFICATIONS

Edward Tools Bulb Planter

9" length; corer is 4.25" long with 2.25" diameter bottom opening
tool weighs 10.6 oz.

made by Edward Tools

purchased May 2019 from Amazon.com **REPLACEMENT COST: \$10.00**



BULB PLANTER (SHORT HANDLED)

RESOURCES TO HELP YOU USE THIS TOOL

WEBSITES

How to use a Quick Release Bulb Planter

<https://www.youtube.com/watch?v=iPFpuQG5yvA>

Do I Need A Bulb Planter: Learn About Using Bulb Planters In The Garden

<https://www.gardeningknowhow.com/garden-how-to/tools/using-bulb-planters-in-gardens.htm>

University of Minnesota Extension: Planting bulbs, tubers and rhizomes

<https://extension.umn.edu/how/planting-bulbs-tubers-and-rhizomes>

University of Illinois Extension: Bulbs and More

<https://web.extension.illinois.edu/bulbs/planting.cfm>

Planting Bulbs

https://www.brecks.com/how_to_planting_care_of_bulbs_depth

Bulb Planters Make Hard Work Easy

<https://www.gardengatemagazine.com/articles/how-to/plant/bulb-planters/>

VIDEOS

How to choose a bulb planter

<https://www.youtube.com/watch?v=4qiWTm5xVZk>

How to Choose and Use Shovels and Other Digging Tools - This Old House

<https://www.youtube.com/watch?v=0AiQPWL3epE>

BYPASS LOPPER

Prune branches and stems of up to 2" diam. at a distance of up to 40" away

This pruning tool is designed to give more power for cutting and easier access to the material being cut. When you begin cutting, open the jaws wider a second or even a third time to allow the ratcheting action to give you more power to finish the cut. The ability to extend these loppers means it's easier to get in and thin shrubs from the base, without the need to bend down or crawl under. The dual benefits of an extended reach and an easier cutting mechanism make this a great tool for those with arthritis or who have trouble standing or bending.

FEATURES

- Handles extend from 26" to 40" with 6 stops and rubber grips
- Ratcheting mechanism gives additional leverage for more cutting power
- Ideal for removing live (green) wood with a clean, smooth cut that discourages damage and disease from taking hold



USE AND CARE OF THIS TOOL

1. It is **STRONGLY** recommended that you wear gloves and safety glasses while using this tool!
2. This tool is awkward to use while on a ladder, and is not recommended. Use caution and never lean back while pruning from a ladder.
3. Extreme care must be used whenever cutting overhead. Be certain you are not standing underneath anything you intend to cut. Check twice!
4. Be sure the arms are locked into place before beginning to cut.
5. Never try to yank a stuck blade out by force. If the tool becomes stuck in the wood while cutting, try either gently pushing the branch away from the main stem to widen the cut and loosen the blade; or gently moving the blade up and down (NOT sideways!) to ease it out of the cut.
6. Be sure to carefully clean any sap or debris from the blade and ratchet mechanism when finished.
7. Do not immerse this tool in water. Clean with a damp rag and thoroughly wipe dry when finished.
8. If you have ANY questions about the use or care of this tool, contact the GPL at 978-352-5728.



SPECIFICATIONS

Heavy Duty Ratcheting Bypass Lopper

handles extend from 26" to 40" in length

tool weighs 3 lbs., 12 oz.

made by Kings County Tools <https://www.kingscountyttools.com/>

purchased May 2019 from Garrett Wade **REPLACEMENT COST: \$58.00**

BYPASS LOPPER

RESOURCES TO HELP YOU USE THIS TOOL

WEBSITES

Garrett Wade: Heavy Duty Ratcheting Pruning Loppers

<https://garrettwade.com/product/premium-ratcheting-pruning-loppers>

UNH Cooperative Extension—The Basics of Pruning Trees and Shrubs [fact sheet]

<https://extension.unh.edu/resource/basics-pruning-trees-and-shrubs-fact-sheet>

UNH Cooperative Extension: Pruning Deciduous Trees [fact sheet]

<https://extension.unh.edu/resource/pruning-deciduous-trees-fact-sheet>

VIDEOS

Garrett Wade: Heavy Duty Bypass Loppers

<https://www.youtube.com/watch?v=K0MrYnIG8il>

Types of Bypass Loppers: What's the Difference Between Ratcheting, Geared & Compound Loppers?

https://www.youtube.com/watch?v=2mnemUOw_E8

How To Use Pruners and Loppers: 7 Secrets for Efficient Cutting

<https://www.youtube.com/watch?v=j4CvltvcsXc>

Ask an Arborist: The ABC's of Pruning

<https://www.youtube.com/watch?v=IQhmlK-0HOc>

COBRAHEAD WEEDER / CULTIVATOR

Dig out reluctant weeds or break up tough soil without damaging nearby plants

The CobraHead Weeder and Cultivator is a type of hand held hoe. Its blade is designed after a vintage plow tine to break up and plow almost any soil. It is like a steel fingernail that becomes an extension of your hand. It weeds, cultivates, digs, edges, furrows, plants, transplants, de-thatches, and harvests with ease.



FEATURES

- Tempered steel blade cuts through any soil to plant, transplant, turn, break up clods and aerate
- Comfortable recycled-composite handle for left-hand or right-hand action
- Long, narrow shape makes deep digging easy and is great for work in confined spaces such as established perennial beds, vegetable rows or cracks in a walkway
- Made in Wisconsin

USE AND CARE OF THIS TOOL

1. It is strongly recommended that you wear gloves while using this tool.
2. This is a very adaptable tool and no one position will work for every user. The tip is not especially sharp and it is meant for digging rather than cutting. Experiment!
3. Be sure to carefully and completely clean any debris from the blade after use.
4. Do not immerse this tool in water. Clean with a damp rag and thoroughly wipe dry when finished.
5. If you have ANY questions about the use or care of this tool please contact the GPL at **978-352-5728**.



SPECIFICATIONS

CobraHead® Weeder and Cultivator

13" length

tool weighs 9.2 oz.

made by Cobrahead <https://www.cobrahead.com/>

purchased May 2019 from Amazon **REPLACEMENT COST: \$28.00**

COBRAHEAD WEEDER / CULTIVATOR

RESOURCES TO HELP YOU USE THIS TOOL

WEBSITES

Cobrahead Original Weeder

<https://www.cobrahead.com/original-weeder-cultivator/>

Cobrahead FAQ

<https://www.cobrahead.com/cobrahead-short-handle-faq/>

How to choose the right garden hoe

<https://www.gardengatemagazine.com/articles/how-to/plant/how-to-choose-the-right-garden-hoe/>

UNH Cooperative Extension: What can weeds tell me about my garden soil?

<https://extension.unh.edu/blog/what-can-weeds-tell-me-about-my-garden-soil>

VIDEOS

CobraHead Weeder and Cultivator

<https://www.youtube.com/watch?v=t4s4v1F3huM>

The Best Way to Hold the CobraHead Weeder and Cultivator

<https://www.youtube.com/watch?v=fA4dLbkEvII>

National Gardening Association: Review of the CobraHead "mini" Weeding Tool

<https://www.youtube.com/watch?v=votZdu4tWDA>

Weeding the Garden Safety Tips

<https://www.youtube.com/watch?v=mxqE5TT7iH8>

DEEP SEAT GARDEN KNEELER

Prevent back strain and knee pain in the garden

This deep-seat kneeler is 30% wider, front to back, than a standard kneeler for added comfort and stability. The extra-wide base makes it more stable than narrower models, with sturdy sides that lock in place so you can confidently raise and lower yourself. Designed by Gardener's Supply, home of the original garden kneeler.



FEATURES

- Flips over to go from kneeler to padded bench
- Sides fold in for compact storage and transport
- Sturdy sides lock into place when open
- Weight capacity up to 250 lbs.
- Rust resistant powder-coated tubular steel frame

USE AND CARE OF THIS TOOL

1. To open, pull folded side up by its free end until it is perpendicular with the seat and clicks into place. Move it back and forth to test that it is locked in place: it should hardly move.
2. To fold the legs for storage or transport, place the ball of your hand on the outside frame edge of the seat and grab the spring-loaded handle next to the seat cushion with your fingers. Squeeze these two edges together to unlock the legs.
3. Do not immerse this tool in water. Clean with a damp rag and thoroughly wipe dry when finished.
4. If you have questions about the use or care of this tool please contact the GPL at **978-352-5728**.



SPECIFICATIONS

Deep-Seat Garden Kneeler

24"length x 19.5"height x 9.5"width (with 8.5"wide kneeling pad)
tool weighs 9 lbs.

made by Gardener's Supply <https://www.gardeners.com/>

purchased May 2019 from Gardener's Supply **REPLACEMENT COST: \$53.00**

DEEP SEAT GARDEN KNEELER

RESOURCES TO HELP YOU USE THIS TOOL

WEBSITES

Gardener's Supply: Deep-Seat Garden Kneeler

<https://www.gardeners.com/buy/deep-seat-garden-kneeler/40-009.html>

Growing Older, Growing Smarter

<https://www.gardeners.com/how-to/gardening-at-any-age/8574.html>

National Garden Bureau: 10 Adaptive Gardening Rules To Live By...

<https://ngb.org/2019/10/02/10-adaptive-gardening-rules/#:~:text=What%20is%20Adaptive%20Gardening%3F,to%20their%20personal%20physical%20realities.>

UC ANR: Adaptive Gardening

<https://ucanr.edu/sites/cetrinityucdavisedu/files/280231.pdf>

VIDEOS

Gardener's Supply: Deep-Seat Garden Kneeler

<https://www.gardeners.com/buy/deep-seat-garden-kneeler/40-009.html>

Toni's Tool Tips: Scoops, Sharpeners & Seats (oh my!)

<https://www.youtube.com/watch?v=OpYMbgtSfek>

DIGGING BAR / SAN ANGELO BAR

Break up heavy, compacted, rocky soil, pry out large rocks or use to move heavy objects

A digging bar is a long, heavy metal bar used to dig, pry and lever. Common uses include breaking up or loosening hard or compacted materials such as clay soil, rock, concrete, or frozen ground, and moving or breaking up tree roots and obstacles. It is often used where space would not allow the use of a pickaxe. It can also be used as a post hole digger, a lever to move objects or a "paperweight" for holding down tarps or other materials that might be inclined to blow away.

The San Angelo bar is a type of digging bar with a wedge at one end and a point at the other, which provide two different tool functions in one tool. The point is for breaking hard materials and prying, while the chisel-like wedge is for cutting, digging, breaking and prying.

FEATURES

- Shaft is hexagonal except for the point at one end and the scraper/pry bar on the other
- Long, narrow shape and weight makes it easy to dig deeply and work in confined spaces
- Also used for digging post holes and narrow trenches or to weigh down tarps
- Manufactured from tempered steel for maximum strength and durability

USE AND CARE OF THIS TOOL

1. It is **STRONGLY** recommended that you wear gloves and work boots while using this tool.
2. Before digging any deep hole anywhere, **CHECK TWICE** that there are no buried electrical wires, gas lines, data cables, water pipes or other critical hazards in the vicinity. Call DigSafe at 811!
3. Try to let the weight of the tool do the work for you. Dig the soil from a straight up position or slight angle, which will deliver the most force with the least effort.
4. Do **NOT** attempt to stand on or jump on this tool! You will likely trip and/or may bend or break the tool. Also be very careful leaning this tool up against a wall: because of its weight it could be dangerous if it falls over.
5. Be sure to carefully and completely clean any debris from the tool after use.
6. Do not immerse this tool in water. Clean with a rag and thoroughly wipe dry when finished.
7. If you have **ANY** questions about the use or care of this tool please contact the GPL at **978-352-5728**.

SPECIFICATIONS

AMES 1160300 True Temper Pencil Point San Angelo Bar, 72-Inch

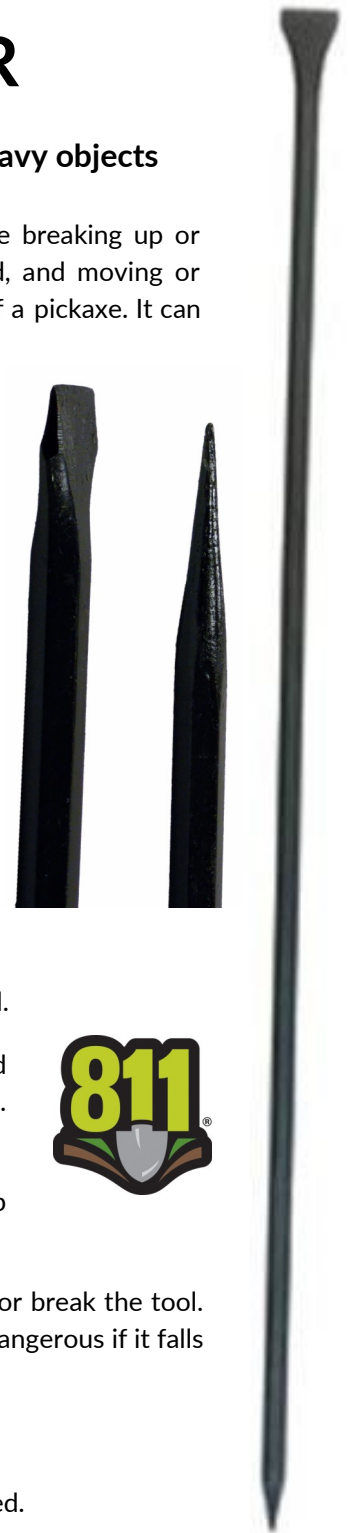
72" length

tool weighs 17 lbs.

made by Ames Companies <https://www.true-temper.com/>

purchased May 2019 from Amazon

REPLACEMENT COST: \$42.00



DIGGING BAR / SAN ANGELO BAR

RESOURCES TO HELP YOU USE THIS TOOL

WEBSITES

DigSafe: Know What's Below: Call Before You Dig

<http://www.digsafe.com/index.php>

True Temper Pencil Point San Angelo Bar, 72-Inch

<https://www.true-temper.com/tool/lawn-garden-tools/1160300-72-in-pencil-point-san-angelo-bar/>

Home Depot: Learning about Digging Bars

https://www.homedepot.com/c/what_is_digging_bar_HT_BG_OD

"They Won't Sell You a Beer at This San Angelo Bar!"

<https://themessyworkbench.blogspot.com/2014/08/san-angelo-bar.html>

VIDEOS

How to Choose and Use Shovels and Other Digging Tools - This Old House

<https://www.youtube.com/watch?v=0AiQPWL3epE>

EXTRACTIGATOR BRUSH PULLER

Use leverage to pull woody plants up and out of the ground by their stems, roots-and-all

This tool is recommended for the removal of the stems and roots of invasive and/or unwanted plants such as buckthorn, honeysuckle, privet, burning bush, multiflora rose, etc.

The tool design allows the operator to apply maximum force to the plant at the beginning of the pull (when it is needed the most) with the lowest amount of operator effort. The handle position allows the operator to use body weight as the advantage, not physical strength.

FEATURES

- Will work on most woody stem plants up to 2" in diameter
- Automatically opening clog-free jaws, comfortable foam grip, ratcheting design
- Removable Big-Foot accessory provides better leverage in sandy, rocky, or super-soft soil conditions by resisting sinking into soil and adding stability
- Hand-made in British Columbia, Canada

USE AND CARE OF THIS TOOL

1. It is **STRONGLY** recommended that you wear gloves, work boots and safety glasses while using this tool.
2. To make for easier effort, pull shortly after rain or after watering the area with a sprinkler to loosen the soil. Allow the soil to drain until it is moist but not muddy so that it easily falls off the roots. This keeps the tools and gloves clean too.
3. To further simplify things, prune the majority of the doomed shrub's branches out of your way leaving the stems (ideally at least 24" high) visible and available to grab with the Extractigator.
4. This tool is basically a clamp on a stick: when you hold the tool upright the clamp is opened. Place the clamp jaws (maximum capacity 2") around the base of the plant stem. It may help to kneel down to push the clamp into place before you can pull.
5. Lean the handle away from the stem and rock back: the clamp will close and the bush will come out of the ground with power leveraged by the stick.
6. Be sure to carefully clean any sap or debris out of the tool jaws when finished.
7. Never immerse this tool in water. Clean with a damp rag and thoroughly wipe dry when finished.
8. If you have ANY questions about the use or care of this tool, contact the GPL at 978-352-5728.

SPECIFICATIONS

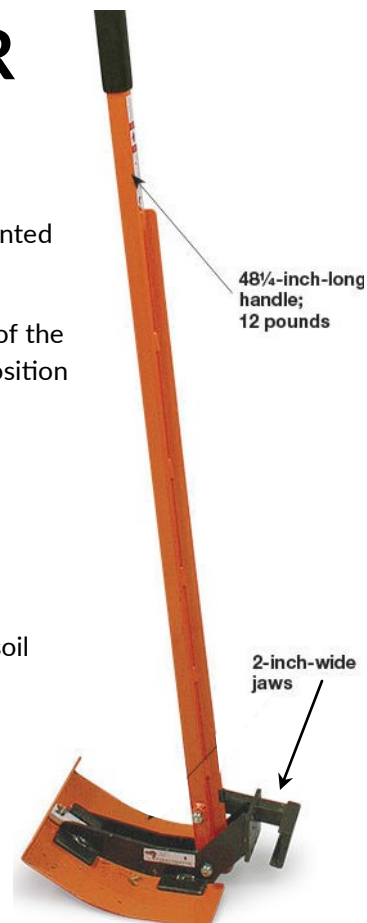
Extractigator Classic

length 48"; footprint: 20 sq.in. (without Big-Foot accessory)

tool weighs 12 lbs., 8 oz.

made by Extractigator <https://extractigator.com/>

purchased May 2019 from Home Depot **REPLACEMENT COST: \$175.00**



EXTRACTIGATOR BRUSH PULLER

RESOURCES TO HELP YOU USE THIS TOOL

WEBSITES

Extractigator

<https://extractigator.com/>

Purdue University: Useful Tools for Manual Extraction

https://www.entm.purdue.edu/iisc/pdf/ABH_Tool_Info.pdf

Habitat Network: Control Measures for Invasive Plants

<https://content.yardmap.org/learn/control-measures-invasive-plants/>

UNH Cooperative Extension: Managing Invasive Plants: Methods of Control

https://extension.unh.edu/resources/files/resource000988_rep1135.pdf

UNH Cooperative Extension: Methods for Disposing Non-Native Invasive Plants

<https://extension.unh.edu/resource/methods-disposing-non-native-invasive-plants>

VIDEOS

The Extractigator

<https://www.youtube.com/watch?v=GXVLmrtQ9TY>

Invasive Plant Removal Guide: Leverage Tools

<https://www.youtube.com/watch?v=JdV2eO7RHBQ>

Invasive Plants of New England: the Carlisle Invasive Plant Gallery

<https://www.youtube.com/watch?v=UEhHIBO6zQk>

Invasive Plant Removal

<https://www.youtube.com/watch?v=pdYodpCKj0Y>

GARDEN BANDIT HAND LOOP WEEDER

Remove shallow-rooted weeds easily in a congested garden bed without damaging nearby plants

This simple tool is a type of hand hoe with a high tensile stainless steel band attached to both sides of its handle. It is meant to be drawn through the soil surface undercutting shallow-rooted weeds. Since you can see the edges of the blade at all times, it helps you to avoid accidentally nicking the stems or roots of the plants you want to keep. The broad blade can also be used for trenching or furrowing when drawn at an angle.

There is no “perfect weeder” that will work for any weed in any soil type. This is not the right tool for taking out dandelions from a lawn, for instance. But for a garden bed, especially a tilled garden bed, this tool is ideal for getting rid of the small weeds that pop up throughout the growing season.

FEATURES

- Thin, rigid stainless-steel blade tapers to a rounded point, allowing precise, targeted weeding
- UV-resistant plastic handle allows easy left-hand or right-hand action
- Metal loop easily cuts through most soils, and using it also aerates the soil
- Made in Canada

USE AND CARE OF THIS TOOL

1. It is recommended that you wear gloves while using this tool.
2. To remove a weed, place the loop around it, and pull the Garden Bandit forward to cut underneath it.
3. Be sure to carefully and completely clean any debris from the blade after use.
4. Do not immerse this tool in water. Clean with a damp rag and thoroughly wipe dry when finished.
5. If you have ANY questions about the use or care of this tool please contact the GPL at 978-352-5728.

SPECIFICATIONS

Garden Bandit Hand Loop Weeder

12" length; loop is 5" long and 2" wide
tool weighs 7 oz.

made by GardenBandit <http://www.gardenbandit.com/>

purchased May 2019 from Lee Valley **REPLACEMENT COST: \$18.00**



GARDEN BANDIT HAND LOOP WEEDER

RESOURCES TO HELP YOU USE THIS TOOL

WEBSITES

Garden Bandit

<http://www.gardenbandit.com/>

Lee Valley: Garden Bandit Hand Loop Weeder

<https://www.leevalley.com/en-us/shop/garden/garden-care/weeders/73258-garden-bandit-hand-loop-weeder?item=PA330>

UNH Cooperative Extension: What can weeds tell me about my garden soil?

<https://extension.unh.edu/blog/what-can-weeds-tell-me-about-my-garden-soil>

VIDEOS

Lee Valley: Garden Bandit Hand Loop Weeder

<https://www.youtube.com/watch?v=EKETqvkWRWs>

Weeding the Garden Safety Tips

<https://www.youtube.com/watch?v=mxqE5TT7iH8>

GRAMPA'S WEEDER

Precisely target and dig out reluctant weeds from a standing position

Grampa's Weeder has been removing weeds and their roots since its invention in 1913 in Seattle, WA. It is promoted as the original stand up weed puller. It uses the leverage of its handle to pull pinned weeds out of the soil.

FEATURES

- Hinged steel claw head holds root crown while bamboo handle levers it out of the soil
- 4-claw design works on all soil types especially after a good rain or watering
- Designed to pull up dandelions, purslane or crabgrass

USE AND CARE OF THIS TOOL

1. It is recommended that you wear gloves and work boots while using this tool.
2. Position the metal claw over weed to be removed. Thrust the claw into the center of the weed. Use the metal footrest to push the claw into the ground if necessary.
3. Tilt the bamboo handle towards the ground in the direction of the tool's footrest. This will cause the claw to hinge and pinch shut, holding the weed as the force of leverage pops it out of the ground.
4. Be sure to carefully and completely clean any debris from the metal claw after use.
5. Do not immerse this tool in water. Clean with a damp rag and thoroughly wipe dry when finished.
6. If you have ANY questions about the use or care of this tool please contact the GPL at 978-352-5728.



Step #1 - Center Over Weed

Step #2 - Press into Ground

Step #3 - Lean Handle

Note: Remove Your Foot During Step 3. Let the lever do the work!

SPECIFICATIONS

Grampa's Weeder

46" length x 8" width

tool weighs 1 lb.

made by Grampa's Weeder <https://grampasweeder.com/>

purchased May 2019 Garrett Wade **REPLACEMENT COST: \$38.00**

GRAMPA'S WEEDER

RESOURCES TO HELP YOU USE THIS TOOL

WEBSITES

Grampa's Weeder

<https://grampasweeder.com/>

UNH Cooperative Extension: What can weeds tell me about my garden soil?

<https://extension.unh.edu/blog/what-can-weeds-tell-me-about-my-garden-soil>

Grampa's Weeder: Dandelion Recipes

<https://grampasweeder.com/pages/recipes>

VIDEOS

Grampa's Weeder - The Original Stand Up Weed Remover

https://www.youtube.com/watch?v=u_isM1GCq7U

University of California: How to remove dandelions

<https://www.youtube.com/watch?v=FcBtWyHfzKg>

Weeding the Garden Safety Tips

<https://www.youtube.com/watch?v=mxqE5TT7iH8>

GRANDPA'S GOODY GETTER

Use leverage to crack one of the toughest native nuts out there

Designed originally for the hardest shell nut (the Black Walnut), this tool can crack virtually any nut with minimal effort.

FEATURES

- Solid state, heavy duty design
- Versatile: and ability to accommodate just about any size of nut
- Return springs bring the device back to the ready position with just a little nudge, and also provide a little resistance to aid in precise cracking
- Created in the Ozark Mountains of Missouri

USE AND CARE OF THIS TOOL

1. This device is designed to crack black walnuts which have **ALREADY** been washed, dried and cured (their outer green husks removed).
2. It is **STRONGLY** recommended that you wear safety glasses while using this tool.
3. Follow the accompanying assembly instructions to anchor the device, attach the handle, and free the slide bar which opens and closes the jaws.
4. The device **MUST** be screwed to a wooden worktop or to a heavy wooden board (at least 24" long) for stability. If mounted to a board, clamp it to a sturdy table for best results: the ease of cracking and the quality of the crack both improve noticeably when the device is anchored down as securely as possible.
5. To operate, move the handle downward to open the spring loaded rams and insert the nut to be cracked. Then allow the handle to come upward, tightening the rams into contacting the nut (the press is spring loaded and self adjusting to the size of the nut to be cracked).
6. Place your index finger and thumb of your free hand gently around the middle of the nut. Pull the handle forward compressing the nut until your fingers feel the nut crack all the way around its midsection. Move the handle back to center and then on downward opening the jaws allowing the nut to be removed while you hold it with your fingers.
7. Be sure to carefully clean any debris out of the tool's rams and crevices when finished.
8. Oiling the cam on the cracker (2-3 drops) every 20—30 minutes of use is important for upkeep so the metal doesn't grind which can make cracking difficult.
9. NEVER immerse this tool in water. Clean with a damp rag and thoroughly wipe dry when finished.
10. If you have ANY questions about the use or care of this tool, contact the GPL at **978-352-5728**.

SPECIFICATIONS

Grandpa's Goody Getter

height 13" (without arm); 48"; footprint: 6" x 4" in.

tool weighs 12 lbs.

made by Grandpa's Goody Getter <https://www.grandpasgoodygetter.com/>

purchased May 2019 from manufacturer **REPLACEMENT COST: \$200.00**



GRANDPA'S GOODY GETTER

RESOURCES TO HELP YOU USE THIS TOOL

WEBSITES

Grandpa's Goody Getter

<https://www.grandpasgoodygetter.com/>

THE BEST BLACK WALNUT CRACKER

<https://foragerchef.com/the-best-black-walnut-cracker-ever/>

PREPARING AND CRACKING BLACK WALNUTS, HICKORY NUTS AND PECANS

<https://www.grandpasgoodygetter.com/pages/preparation>

Processing Tips

<https://www.grandpasgoodygetter.com/pages/tips>

Black Walnuts: Harvesting, Cracking and Uses

<https://foragerchef.com/guide-to-black-walnuts/>

BLACK WALNUT HARVESTING & PROCESSING

https://www.grandpasgoodygetter.com/blogs/news/great-another-article-from-author-wuvie-wuvn-acres-gardens?_pos=2&_sid=7a56bd00e&_ss=r

Harvesting & Drying Black Walnuts (+hull & leaf uses!)

<https://unrulygardening.com/harvesting-using-black-walnuts/>

VIDEOS

Grandpa's Goody Getter - New Black Walnut Cracker - Proudly Built in Ozark Mountains 2021

https://www.youtube.com/watch?v=-PQ_2VkJE8

HOW TO SET UP THE GOODY GETTER

<https://www.grandpasgoodygetter.com/pages/unpacking>

How to Use Shears Properly

<https://www.youtube.com/watch?v=G6mFgL6qZ-w>

Grandpa's Goody Getter Maintenance Instructions 2022

https://www.youtube.com/watch?v=_XOwrfpX4eM

How I Crack Black Walnuts

<https://www.youtube.com/watch?v=bBdbmOaGR2Y>

How I Clean and Process Black Walnuts

<https://www.youtube.com/watch?v=ueo1bKFRgg0>

Black Walnut Harvesting: From Start to Finish

<https://www.youtube.com/watch?v=6t1EoTlvd7g>

HULA-HO WEEDER / CULTIVATOR

Scrape just below the surface to loosen the topsoil, cut weed seedling roots and disrupt the growth of weeds from a standing position

This tool is a modern day variation of the scuffle hoe, which was designed to disrupt the growth of weeds efficiently by scraping the surface of the soil, loosening the top inch or so, and cutting the roots of any sprouting weeds. It is best used to quickly clean the surface of cultivated ground (such as vegetable beds) of small annual weed plants. It is not the right hoe for pushing soil or mulch around a bed.

The Hula-Ho was first introduced in 1961 as "the weeder with the wiggle." It has a double-edged blade and a patented rocker action to weed, aerate, mulch and cultivate garden soil by using a push/pull motion that is more scraping than digging. Other names for this type of tool are the stirrup hoe, oscillating hoe, action hoe, pendulum weeder, or swivel hoe.

FEATURES

- Back and forth "hula" motion just beneath the surface of the soil cuts weeds at the roots which can be left to blend with soil to create a healthy mulch, without displacing topsoil
- Heat treated, self-sharpening blade cuts forward and backward
- Patented rocker action
- Made in the USA

USE AND CARE OF THIS TOOL

1. It is recommended that you wear gloves and work boots while using this tool.
2. This tool is designed to remove small weeds without deep tap roots in cultivated soil. It is NOT for deep digging or for use in lawn turf or compacted soil.
3. Do NOT press down on the blade of this tool with extreme force! If it does not move through the soil freely it is not the correct tool for your purpose.
4. To remove weeds, scrape the loop blade of the tool back and forth, just under the surface of the soil to undercut the unwanted plants. Either remove the now cut weeds or turn them over in the soil for mulch.
5. Be sure to carefully and completely clean any debris from the blade after use.
6. Do not immerse this tool in water. Clean with a damp rag and thoroughly wipe dry when finished.
7. If you have ANY questions about the use or care of this tool please contact the GPL at 978-352-5728.

SPECIFICATIONS

Flexrake 1000L Hula-Ho Weeder Cultivator with 54-Inch Wood Handle

58" length x 4" width

tool weighs 2 lbs. 6oz.

made by Flexrake <https://flexrake.com/>

purchased May 2019 from Amazon **REPLACEMENT COST: \$24.00**



HULA-HO WEEDER / CULTIVATOR

RESOURCES TO HELP YOU USE THIS TOOL

WEBSITES

Flexrake: Weeders and Cultivators

<https://flexrake.com/collections/weeders-and-cultivators>

Gardeners Supply: Hula Hoe

<https://www.gardeners.com/buy/hula-garden-hoe/38-926.html#:~:text=Hula%20Hoe%20is%20a%20Weeder%20with%20a%20Wiggle!&text=An%20ordinary%20flat%20hoe%20%E2%80%94the,for%20moving%20and%20smoothing%20soil.&text=The%20sharp%20steel%20blade%20skims,leaving%20the%20soil%20in%20place.>

How to choose the right garden hoe

<https://www.gardengatemagazine.com/articles/how-to/plant/how-to-choose-the-right-garden-hoe/>

Clemson Cooperative Extension: Controlling Weeds by Cultivating & Mulching

<https://hgic.clemson.edu/factsheet/controlling-weeds-by-cultivating-mulching/>

NC State Extension: Weed Handbook

<https://content.ces.ncsu.edu/extension-gardener-handbook/6-weeds>

UNH Cooperative Extension: What can weeds tell me about my garden soil?

<https://extension.unh.edu/blog/what-can-weeds-tell-me-about-my-garden-soil>

VIDEOS

Tuesday Tip: Hula Hoe

<https://www.youtube.com/watch?v=u4NArMXP1zQ>

University of Maine: Stirrup Hoe

<https://www.youtube.com/watch?v=tTo5yYCmNS0>

Weeding the Garden Safety Tips

<https://www.youtube.com/watch?v=mxqE5TT7iH8>

JAPANESE HAND HOE (LEFT-HANDED)

Extremely versatile hand-hoe, shovel and rake in one tool

Nimble and durable, this Japanese-designed hand hoe maneuvers around delicate plants, loosens the soil, and cuts away tenacious weeds with a super sharp blade. Also known as a Kana hoe or a Negiri gama hoe or scraper.

Depending on the angle at which you hold the blade, this tool works like a scuffle hoe, a draw hoe or a shovel.

FEATURES

- Scrape below the soil surface to cut weed seedling roots and loosen soil
- Use blade tip to dig out tap roots, cut sod or break up tough soil without damaging nearby plants
- Double-sided blade: quite sharp at the point to dig and break up dirt clods
- Great for weeding under mulch without disrupting cover
- Perfect shape for making rows and shallow trenches for planting

USE AND CARE OF THIS TOOL

1. It is **STRONGLY** recommended that you wear gloves while using this tool.
2. Blade is **SHARP** on both edges and tip! Do not handle blade without hand protection!
3. To remove weeds, hold the tool with the blade parallel to the ground and drag it just under the surface of the soil to undercut the unwanted plants. If you want to pull more than slice, make sure the stalk is closer to the bend in the tool head and it will pull at the base of the root rather than cut.
4. Be sure to carefully and completely clean any debris from the blade after use.
5. Do not immerse this tool in water. Clean with a damp rag and thoroughly wipe dry when finished.
6. If you have **ANY** questions about the use or care of this tool please contact the GPL at **978-352-5728**.

SPECIFICATIONS

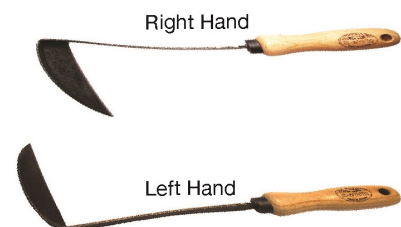
Dewit Japanese Hand Hoe-Left Handed

tool length 12"; blade length 3"

tool weighs 8 oz.

made by Dewit <http://www.dewittoolsusa.com/>

purchased May 2019 from Home Depot **REPLACEMENT COST: \$28.00**



JAPANESE HAND HOE (LEFT-HANDED)

RESOURCES TO HELP YOU USE THIS TOOL

WEBSITES

Dewit: Speciality Hand Tools

<http://www.dewittoolsusa.com/specialty-hand-tools>

How to choose the right garden hoe

<https://www.gardengatemagazine.com/articles/how-to/plant/how-to-choose-the-right-garden-hoe/>

Clemson Cooperative Extension: Controlling Weeds by Cultivating & Mulching

<https://hgic.clemson.edu/factsheet/controlling-weeds-by-cultivating-mulching/>

NC State Extension: Weed Handbook

<https://content.ces.ncsu.edu/extension-gardener-handbook/6-weeds>

UNH Cooperative Extension: What can weeds tell me about my garden soil?

<https://extension.unh.edu/blog/what-can-weeds-tell-me-about-my-garden-soil>

VIDEOS

University of Maine: Kana Scraper

https://www.youtube.com/watch?v=TjRs_DpZ-MY

Japanese Garden Tools - Kana Hoe

<https://www.youtube.com/watch?v=3P6AgiFXpHo>

Weeding the Garden Safety Tips

<https://www.youtube.com/watch?v=mxqE5TT7iH8>

JAPANESE HAND HOE (RIGHT-HANDED)

Extremely versatile hand-hoe, shovel and rake in one tool

Nimble and durable, this Japanese-designed hand hoe maneuvers around delicate plants, loosens the soil, and cuts away tenacious weeds with a super sharp blade. Also known as a Kana hoe or a Negiri gama hoe or scraper.

Depending on the angle at which you hold the blade, this tool works like a scuffle hoe, a draw hoe or a shovel.

FEATURES

- Scrape below the soil surface to cut weed seedling roots and loosen soil
- Use blade tip to dig out tap roots, cut sod or break up tough soil without damaging nearby plants
- Double-sided blade: quite sharp at the point to dig and break up dirt clods
- Great for weeding under mulch without disrupting cover
- Perfect shape for making rows and shallow trenches for planting

USE AND CARE OF THIS TOOL

1. It is **STRONGLY** recommended that you wear gloves while using this tool.
2. Blade is **SHARP** on both edges and tip! Do not handle blade without hand protection!
3. To remove weeds, hold the tool with the blade parallel to the ground and drag it just under the surface of the soil to undercut the unwanted plants. If you want to pull more than slice, make sure the stalk is closer to the bend of the tool head and it will pull at the base of the root rather than cut.
4. Be sure to carefully and completely clean any debris from the blade after use.
5. Do not immerse this tool in water. Clean with a damp rag and thoroughly wipe dry when finished.
6. If you have **ANY** questions about the use or care of this tool please contact the GPL at **978-352-5728**.

SPECIFICATIONS

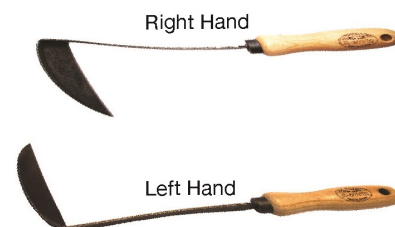
Japanese Weeder, Right Handed

tool length 12"; blade length 3.5"

tool weighs 8 oz.

distributed by Lee Valley Tools <https://www.leevalley.com/en-us>

purchased May 2019 from Lee Valley **REPLACEMENT COST: \$28.00**



JAPANESE HAND HOE (RIGHT-HANDED)

RESOURCES TO HELP YOU USE THIS TOOL

WEBSITES

Lee Valley: Traditional Japanese Weeder

<https://www.leevalley.com/en-us/shop/garden/garden-care/weeders/62038-traditional-japanese-weeder?item=PA324>

How to choose the right garden hoe

<https://www.gardengatemagazine.com/articles/how-to/plant/how-to-choose-the-right-garden-hoe/>

Clemson Cooperative Extension: Controlling Weeds by Cultivating & Mulching

<https://hgic.clemson.edu/factsheet/controlling-weeds-by-cultivating-mulching/>

NC State Extension: Weed Handbook

<https://content.ces.ncsu.edu/extension-gardener-handbook/6-weeds>

UNH Cooperative Extension: What can weeds tell me about my garden soil?

<https://extension.unh.edu/blog/what-can-weeds-tell-me-about-my-garden-soil>

VIDEOS

University of Maine: Kana Scraper

https://www.youtube.com/watch?v=TjRs_DpZ-MY

Japanese Garden Tools - Kana Hoe

<https://www.youtube.com/watch?v=3P6AgiFXpHo>

Weeding the Garden Safety Tips

<https://www.youtube.com/watch?v=mxqE5TT7iH8>

PARSNIP PREDATOR

Slice tap-rooted biennial weeds and small trees off underground

The Parsnip Predator is a lightweight specialty shovel intended for removing wild parsnip (*Pastinaca sativa*) and other tap-rooted biennial weeds. The most important thing to note about the Parsnip Predator is that it is NOT for prying or digging. It's intended to go down at a 45-degree angle, sever the root, and come back out the same angle.

FEATURES

- Narrow blade designed for less resistance cutting and less potential damage to non-target species; blade is also notched at the tip for easier centering on the root
- D-handle is perpendicular to the blade for ergonomic comfort and better control in the field
- Lightweight; ideal for carrying for long periods
- Remove any undesirable tap-rooted plant, such as Queen Ann's Lace, burdock, or thistles
- Made in Wisconsin by the Prairie Enthusiasts, a prairie restoration and conservation nonprofit

USE AND CARE OF THIS TOOL

1. It is strongly recommended that you wear gloves, work boots and safety glasses while using this tool.
2. Set the tool at a 45-degree angle to the root of the target plant and place the blade on the ground about an inch or from the base of the plant. Put your foot on the top edge of the blade, press down, then pull the Predator back using the path it went down into the ground.
3. The blade is angled slightly and when pushed sharply into the ground. It intercepts and severs the upper portion of the root crown. Lift the plant straight upward with a gloved hand to remove.
4. Do NOT attempt to pry or dig roots or rocks out with this tool! The Parsnip Predator should be considered a slicing tool only. The sides have been cut away to facilitate slicing the root easily and accurately, and this means it is not as strong as a full shovel and may bend or break if used to pry.
5. Be sure to carefully clean any sap or debris from blade when finished.
6. Do not immerse this tool in water. Clean with a damp rag and thoroughly wipe dry when finished.
7. If you have ANY questions about the use or care of this tool, contact the GPL at 978-352-5728.

SPECIFICATIONS

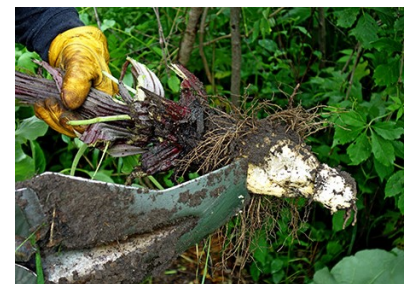
Parsnip Predator

length 38"; width 9" at top of blade

tool weighs under 5 lbs.

made by The Prairie Enthusiasts <https://www.theprairieenthusiasts.org/>

purchased May 2019 from Prairie Enthusiasts **REPLACEMENT COST: \$55.00**



PARSNIP PREDATOR

RESOURCES TO HELP YOU USE THIS TOOL

WEBSITES

The Prairie Enthusiasts: The Parsnip Predator

https://www.theprairieenthusiasts.org/parsnip_predator

Driftless Prairies Blog: The Parsnip Predator

<https://driftlessprairies.org/tools-of-the-trade/parsnip-predator/>

Habitat Network: Control Measures for Invasive Plants

<https://content.yardmap.org/learn/control-measures-invasive-plants/>

UNH Cooperative Extension: Managing Invasive Plants: Methods of Control

https://extension.unh.edu/resources/files/resource000988_rep1135.pdf

UNH Cooperative Extension: Methods for Disposing Non-Native Invasive Plants

<https://extension.unh.edu/resource/methods-disposing-non-native-invasive-plants>

VIDEOS

The Parsnip Predator

<https://www.youtube.com/watch?v=EQPiDPxBsVQ&t=2s>

Invasive Plants of New England: the Carlisle Invasive Plant Gallery

<https://www.youtube.com/watch?v=UEhHIBO6zQk>

Invasive Plant Removal

<https://www.youtube.com/watch?v=pdYodpCKj0Y>

POST HOLE AUGER

Dig post holes and well holes deeply and cleanly

This Iwan-style Auger is an alternative to the "clamshell" post hole digger. The steel blades of the auger bore through the ground when the horizontal handle is twisted clockwise.

FEATURES

- Adjustable to make 6", 7", and 8" diameter holes
- High carbon steel blades, riveted to malleable iron yoke, high strength steel shaft with welded steel tee, 21 inch hard maple cross handle
- Combines the benefits of a manual digger with the benefits of a motorized auger

USE AND CARE OF THIS TOOL

TIP: the day before you plan to dig the post hole, dig a shallow impression over your intended site and pour a small bucket of water in it and let sit overnight. This should make the digging much easier.

1. It is **STRONGLY** recommended that you wear gloves and work boots while using this tool.
2. Before digging any deep hole anywhere, **CHECK TWICE** that there are no buried electrical wires, gas lines, data cables, water pipes or other critical hazards in the vicinity. Call DigSafe at 811!
3. If placing the tool in an existing hole, set it into the hole gently to avoid bending the cutting edges. Do **NOT** drop it into the hole! Do **NOT** attempt to pry rocks or cut roots with this tool: it will damage the blades. If the tool becomes stuck on a rock or root, turn it counterclockwise to loosen and remove it.
4. Position the tip of the auger blades over your hole site. Place both hands on the handle, one on each side of the center shaft. The further your hands are from the center, the more leverage you have and the less effort you need to put in.
5. Twist the handle by pushing with your left hand and pulling with your right hand. This will turn the handle **CLOCKWISE**. If you turn the tool in the wrong direction the cutting blades will not properly bite into the earth. Increase your downwards pressure on the handle and the blade will begin to cut into the ground. Make sure the shaft is straight up and down to maximize the downwards pressure you place on the handle and to ensure a straight hole.
6. Keep pressing down and twisting the handle until the tool has penetrated about 6"-10" deep into the soil. At this point, pull the tool up out of the ground. You may need to turn counterclockwise to loosen it from the ground. Shake or knock the soil from inside the blades of the auger head.
7. Repeat the process until the hole is the depth you need. If digging becomes difficult when you hit subsoil, break it up with a digging bar or pour more water in the hole and wait 10 minutes. If you hit rocks use other digging tools to help you complete the hole. Digging bars break up tough and stony ground and "clamshell" post-hole diggers can bring up loose stones.
8. Be sure to carefully and completely clean any debris from the blade after use. Do not immerse this tool in water. Clean with a damp rag and thoroughly wipe dry when finished.
9. If you have **ANY** questions about the use or care of this tool please contact the GPL at 978-352-5728.

SPECIFICATIONS

Seymour Iwan Post Hole Auger 8" Diameter

length 46" x 22" width

tool weighs 8 lbs. 10 oz.

made by Seymour Midwest <https://www.seymourmidwest.com/>

purchased May 2019 from Agriculture Solutions **REPLACEMENT COST: \$95.00**



POST HOLE AUGER

RESOURCES TO HELP YOU USE THIS TOOL

WEBSITES

DigSafe: Know What's Below: Call Before You Dig

<http://www.digsafe.com/index.php>

Seymour Midwest: Auger, 8" Diameter with Hardwood Handle

<https://www.seymourmidwest.com/21308/>

How to Use a Manual Post Hole Auger

<https://www.wonkeedonkeetools.co.uk/manual-post-hole-augers/how-to-use-a-manual-post-hole-auger>

VIDEOS

Seymour S500 Industrial Auger 8" Review

<https://www.youtube.com/watch?v=Las17XjxzXo>

A tale of two post hole diggers

<https://www.youtube.com/watch?v=odp5iudNj7A>

How to Choose and Use Shovels and Other Digging Tools - This Old House

<https://www.youtube.com/watch?v=0AiQPWL3epE>

POST LEVEL

Check for a plumb or level post installation

A post level is simply a spirit level that finds both level and plumb in a post or other type of beam. It has a simple, easy to use design: two molded plastic sides, each equipped with a horizontal spirit level vial, form a 90° angle. A third vertical spirit level vial is attached to the outer spine of the tool. The inside edge of the 90° prevents the material from pushing the post level away or out of whack.

FEATURES

- Tough, ABS body has a central hinge allowing a 270° opening for easy positioning on odd-shaped material
- For round or square pipes, posts and rails
- Two vials for plumb and one for levelling
- Can be attached using the included elastic strap or with the four integral magnets for metal components
- Use to quickly erect straight posts for a deck or align ceiling joists for rafters

USE AND CARE OF THIS TOOL

1. Attach the post level to the material you are working with using the elastic band. It should fit tight around the material to ensure proper readings.
2. When the material is plumb with the ground, the bubbles in the horizontal vials will be centered inside the lines. When the material is level, the bubble inside the vertical vial will be centered inside the lines.
3. Be sure to carefully and completely clean any debris from the tool after use.
4. Do not immerse this tool in water. Clean with a damp rag and thoroughly wipe dry when finished.
5. If you have questions about the use or care of this tool please contact the GPL at 978-352-5728.

SPECIFICATIONS

Postrite Folding Post Level

height 5.5" x 3.5" width each wing

tool weighs under 1 lb.

made by Kapro <https://kapro.com/>

purchased May 2019 from Lee Valley **REPLACEMENT COST: \$15.00**



POST LEVEL

RESOURCES TO HELP YOU USE THIS TOOL

WEBSITES

Kapro: Postrite Post Level

<https://kapro.com/product/340-postrite-folding-post-level/>

Lee Valley: Post Level

<https://www.leevalley.com/en-us/shop/tools/hand-tools/marking-and-measuring/levels/46451-post-level?item=25N4310>

How to Use a Post Level

<https://www.johnsonlevel.com/News/PostLevel#:~:text=A%20post%20level%20is%2C%20simply,and%20three%20spirit%20level%20vials.>

VIDEOS

How to use a post level for fencing

<https://www.youtube.com/watch?v=gDiWbaajj0g>

POTLIFTER

Enable two people to safely and easily move large container plants, tree root balls, rocks, and other heavy loads

Not just for large container plants, this efficient hauling harness is great for easily lifting tree root balls, rocks, or awkwardly shaped items with a low center of gravity. The double PVC handles are height adjustable so two people can safely lift, balance and carry up to 200 lbs. without stooping or straining.

FEATURES

- 200 lb. carrying capacity
- Each person can adjust their handle strap to the length that's best for them
- Strong anti-slip polymer straps detach and refasten to encircle and grip whatever you might be moving
- Self-cinching nylon straps securely cradle objects up to 27" in diameter or 86" in circumference

USE AND CARE OF THIS TOOL

1. It is **STRONGLY** recommended that you wear gloves and work boots while using this tool.
2. This tool is meant to lift and carry an object between **TWO** people at once. Do **NOT** attempt to use this tool alone!
3. Lifting and moving heavy objects is dangerous for lifters and bystanders. Carefully read through the accompanying instructions and/or review the suggested videos to thoroughly understand how to secure the tool around your load. If in any doubt, review!
4. Unfasten the clips and wrap the red plastic bands around item to be moved. Be sure that the bands are placed below the widest part of the item or they'll slip off when you lift.
5. Fasten clips and pull straps to tighten the bands snugly around the item (be sure the clips snap securely in place). To adjust the length of the black lifting straps, pull the "D"-ring away from the handle to form a loop in the strap. To lengthen the strap, pull on the material between the handle and the bands. To shorten, pull on the trailing end of the material.
6. Once the bands are tightened around the item to lift, adjust the remaining length of the straps so that the item will be at least a few inches above the ground when you stand up.

SPECIFICATIONS

Potlifter

17" length x 8" width x 4" height (inside bag)
tool weighs 1 lb. 8 oz.

made by Pale trading Co. <https://paletrading.com/>

purchased May 2019 from Amazon.com **REPLACEMENT COST: \$30.00**



POTLIFTER

RESOURCES TO HELP YOU USE THIS TOOL

WEBSITES

Potlifter!

<https://paletrading.com/>

Potlifter: Product Review

<https://gardeningproductsreview.com/potlifter-review/>

VIDEOS

Potlifter

<https://www.youtube.com/watch?v=fKU8FJNcwVQ>

How to Lift Heavy Things Using the PotLifter

<https://www.youtube.com/watch?v=fD0OIRTUHK8>

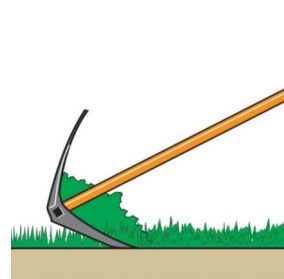
Stop Destroying Your Back When Gardening. 12 Golden Tips

<https://www.youtube.com/watch?v=J9-HB980SwI>

POWER RAKE

Rake more easily and efficiently with less back effort

The patented design of this rake allows it to simply glide forward on the push stroke and grab more material on the pull stroke, requiring less effort. It rarely needs to be lifted in use, which lessens back and muscle strain.



FEATURES

- Push-pull motion is easier on your back than conventional raking
- Bottom third of each tooth is angled allowing the tool to rake on the pull stroke and to self-clean on the push stroke
- Gather leaves, grass clippings and yard waste, collect apples or spread top dressings
- Rotating handgrip and light, strong fiberglass handle
- 24" wide high-strength plastic head has 23 teeth spaced 1" apart and is steel-reinforced across its full width
- Made in Ontario, Canada by Otoco Corporation

USE AND CARE OF THIS TOOL

1. It is recommended that you wear gloves while using this tool.
2. On the push stroke, swept-back tines glide over the surface; on the pull stroke, the upper shield helps prevent accumulated material from tumbling over the top.
3. Be sure to carefully and completely clean any debris from the tool after use.
4. Clean with a damp rag and thoroughly wipe dry when finished.
5. If you have ANY questions about the use or care of this tool please contact the GPL at **978-352-5728**.



SPECIFICATIONS

Power Rake

66" length x 24" width (rake head)

tool weighs under 5 lb.

distributed by Lee Valley Tools <https://www.leevalley.com/en-us>

purchased May 2019 from Lee Valley **REPLACEMENT COST: \$60.00**

POWER RAKE

RESOURCES TO HELP YOU USE THIS TOOL

WEBSITES

Lee Valley: Power Rake

<https://www.leevalley.com/en-us/shop/garden/lawn-care/rakes/10029-power-rake?item=PH101>

15 Different Types of Rakes and Their Uses

<https://www.trees.com/gardening-and-landscaping/types-of-rakes>

Santa Clara County Extension: Mulching for Healthier Landscape Plants

<http://cesantaclara.ucanr.edu/files/238921.pdf>

Cornell Cooperative Extension: Types and Uses of Mulch in the Landscape

<http://chemung.cce.cornell.edu/resources/mulch-in-the-landscape>

UNH Cooperative Extension: What can weeds tell me about my garden soil?

<https://extension.unh.edu/blog/what-can-weeds-tell-me-about-my-garden-soil>

VIDEOS

UNH Cooperative Extension: Mulching Your Trees and Shrubs

<https://www.youtube.com/watch?v=O1sd8Zxx2Wg>

Mulches: The Good, The Bad, and The Really, Really Ugly

<https://www.youtube.com/watch?v=NXL9n2KNm1E>

Stop Destroying Your Back When Gardening. 12 Golden Tips

<https://www.youtube.com/watch?v=J9-HB980Swl>

Weeding the Garden Safety Tips

<https://www.youtube.com/watch?v=mxqE5TT7iH8>

RASPBERRY CANE CUTTER

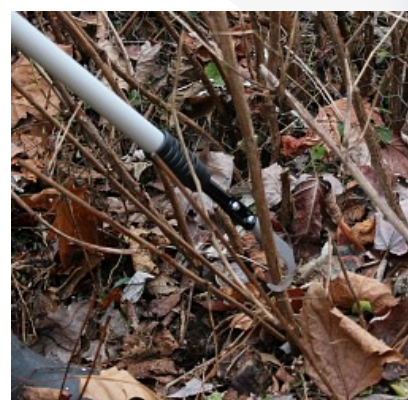
Cut bramble canes and other plants stems at their base from a standing position

FEATURES

- Handle telescopes with just a twist 30"- 46" in length to accommodate height of the user
- Useful for pruning brambles as well as clearing small-diameter brush, including multi-flora rose, honeysuckle vines, barberry stems, and weed brambles
- Can selectively harvest invasive Phragmites underwater from among native plants
- Made of lightweight aluminum that will not rust and the blade can be sharpened or replaced

USE AND CARE OF THIS TOOL

1. It is **STRONGLY** recommended that you wear gloves, work boots and safety glasses while using this tool.
2. Slide the handle out to the length you want and twist it to lock it in position.
3. Hold the top of the stem to be cut with a gloved hand for stability. Using your other hand place the cane cutter's hooked blade against the stalk below the lowest leaf.
4. Slide the blade down the stalk until it reaches the bottom, then give it a gentle tug toward you to sever the stalk.
5. If cutting Phragmites in the water, be sure to remove all of the cut material from the water as it may re-sprout causing further spread.
6. If immersing this tool in water, be sure to extend handle to full length and dry thoroughly after use.
7. Be sure to carefully clean any debris from the blade when finished.
8. Clean with a damp rag and thoroughly wipe dry when finished.
9. If you have ANY questions about the use or care of this tool, contact the GPL at 978-352-5728.



SPECIFICATIONS

Raspberry Cane Cutter

telescopes from 30" to 46" in length

tool weighs under 5 pounds

distributed by Lee Valley Tools <https://www.leevalley.com/en-us>

purchased May 2019 from Lee Valley **REPLACEMENT COST: \$27.00**

RASPBERRY CANE CUTTER

RESOURCES TO HELP YOU USE THIS TOOL

WEBSITES

Lee Valley: Raspberry Cane Cutter

<https://www.leevalley.com/en-us/shop/garden/garden-care/pruners/10242-raspberry-cane-cutter?item=ED725>

Iowa State University Extension: Pruning Raspberries in Late Winter/Early Spring

<https://hortnews.extension.iastate.edu/2011/2-9/raspberries.html>

UNH Cooperative Extension: Growing Fruits: Raspberries and Other Bramble Crops

https://extension.unh.edu/resources/files/Resource000010_Rep10.pdf

Cutting to Drown Invasive Phragmites

https://static1.squarespace.com/static/5956b542d482e92f03cec8da/t/5b350efe70a6ad5791b475b4/1530203915678/OPWG+Spading_Cutting++Postcards_final_2.pdf

UNH Cooperative Extension: Pruning Overview

https://extension.unh.edu/resources/files/Resource003548_Rep5074.pdf

VIDEOS

University of Maine Extension: How Do I Prune Raspberries?

<https://www.youtube.com/watch?v=pOzo4s9Z9jE>

How to Prune and Multiply Black Raspberry

<https://www.youtube.com/watch?v=61DFE2OilP0>

How to Control Invasive Phragmites - The Manitoulin Phragmites Project

<https://www.youtube.com/watch?v=ikK6IR8yUXo>

SAFETY GLASSES (AMBER)

Protect your eyesight from small rocks, wood chips, and other debris without fogging up or hindering your vision

Nothing wrecks a weekend afternoon in the yard like a trip to the emergency room. Every month, 23,000 people suffer from eye injuries: this is not a club you want to join! Protect your vision and still see your home maintenance tasks.



Although many work environments require safety glasses to have clear lenses, others benefit from tinted lenses for brightness protection or enhanced contrast vision. The lighting condition in your work environment determines the color of the tint you need.

Amber or yellow tints are able to make low-light environments appear brighter due to the large amount of light allowed to pass through the lenses. They also increase contrast and depth perception, and even block harmful blue light. This is helpful indoors, in overcast weather, or in the shade.

FEATURES

- Provides 99.9% UV-AB protection
- Wrap-around sides for improved safety
- Polycarbonate lenses: meets ANSI Z87.1 safety standards

USE AND CARE OF THIS TOOL

1. Clean any dirt and debris from these glasses gently to avoid scratching the lenses. Carefully wipe dry after use.
2. If you have questions about the use or care of this tool please contact the GPL at 978-352-5728.

SPECIFICATIONS

Forney 55329 Safety Glasses, Starlite, Amber

1.75 x 5.75 x 5.5 inches

weighs a tenth of an ounce

distributed by Forney <https://www.forneyind.com/>

purchased May 2019 from Amazon **REPLACEMENT COST: \$10.00**

SAFETY GLASSES (AMBER)

RESOURCES TO HELP YOU USE THIS TOOL

WEBSITES

Amazon: Forney 55329 Safety Glasses, Starlite, Yellow/Amber

<https://www.amazon.com/Forney-55329-Safety-Glasses-Starlite/dp/B003X3XV2U>

Forney Industries

<https://www.forneyind.com/products/safety>

Center For Urban Agriculture: Eye and Face Protection

<https://ugaurbanag.com/eye-face-protection/>

VIDEOS

Eye Safety - Safety Eyewear - Eye Injury Prevention

<https://www.youtube.com/watch?v=pfAZwGZS-Hk>

Why you need to wear safety glasses - Periodic Table of Videos

<https://www.youtube.com/watch?v=E6B3uvhrcQk>

SAFETY GLASSES (BIFOCAL)

Bring yard work back into focus

Nothing wrecks a weekend afternoon in the yard like a trip to the emergency room. Every month, 23,000 people suffer from eye injuries: this is not a club you want to join! Protect your eyes and still see your home maintenance tasks with bifocal safety glasses.



These safety glasses provide magnification while also protecting your eyes. The polycarbonate lenses have a comfortable, wraparound style that ensures good coverage for the sides as well as the front.



FEATURES

- 2.0 magnification
- Wrap-around sides for improved safety
- Polycarbonate lenses: meets ANSI Z87+ high impact standard

USE AND CARE OF THIS TOOL

1. Clean any dirt and debris from these glasses gently to avoid scratching the lenses. Carefully wipe dry after use.
2. If you have questions about the use or care of this tool please contact the GPL at 978-352-5728.

SPECIFICATIONS

BearKat BK1 Series Bifocal Readers Safety Glasses, 2.0 strength

7" x 5" x 3"

tool weighs a tenth of an ounce

made by MCR Safety <https://www.mcrcsafety.com/>

purchased May 2019 from Gardener's Supply **REPLACEMENT COST: \$18.00**

SAFETY GLASSES (BIFOCAL)

RESOURCES TO HELP YOU USE THIS TOOL

WEBSITES

Gardener's Supply: Bifocal Safety Glasses

<https://www.gardeners.com/buy/bifocal-safety-glasses/37-721.html>

Center For Urban Agriculture: Eye and Face Protection

<https://ugaurbanag.com/eye-face-protection/>

VIDEOS

Eye Safety - Safety Eyewear - Eye Injury Prevention

<https://www.youtube.com/watch?v=pfAZwGZS-Hk>

Why you need to wear safety glasses - Periodic Table of Videos

<https://www.youtube.com/watch?v=E6B3uvhrcQk>

SAFETY GLASSES (CLEAR)

Protect your eyesight from small rocks, wood chips, and other debris without fogging up or hindering your vision

Nothing wrecks a weekend afternoon in the yard like a trip to the emergency room. Every month, 23,000 people suffer from eye injuries: this is not a club you want to join! Protect your eyes and still see your home maintenance tasks.



FEATURE

- Provides 99.9-Percent UV-AB protection
- Wrap-around sides for improved safety
- Polycarbonate lenses: meets ANSI Z87.1+ safety standards

USE AND CARE OF THIS TOOL

1. Clean any dirt and debris from these glasses gently to avoid scratching the lenses. Carefully wipe dry after use.
2. If you have questions about the use or care of this tool please contact the GPL at **978-352-5728**.

SPECIFICATIONS

Forney 55337 Safety Glasses, Starlite, Clear

1.75 x 5.75 x 5.5 inches

weighs a tenth of an ounce

distributed by Forney <https://www.forneyind.com/>

purchased May 2019 from Amazon **REPLACEMENT COST: \$8.00**

SAFETY GLASSES (CLEAR)

RESOURCES TO HELP YOU USE THIS TOOL

WEBSITES

Amazon: Forney 55329 Safety Glasses, Starlite, Clear

<https://www.amazon.com/Forney-55337-Safety-Glasses-Starlite/dp/B003X3ZJLG>

Forney Industries

<https://www.forneyind.com/products/safety>

Center For Urban Agriculture: Eye and Face Protection

<https://ugaurbanag.com/eye-face-protection/>

VIDEOS

Eye Safety - Safety Eyewear - Eye Injury Prevention

<https://www.youtube.com/watch?v=pfAZwGZS-Hk>

Why you need to wear safety glasses - Periodic Table of Videos

<https://www.youtube.com/watch?v=E6B3uvhrcQk>

SEED AND PLANT SPACING RULER

Plant seeds faster, keep garden rows straight, and space your seeds evenly and more accurately

Plant seeds with confidence! This is an excellent tool to teach kids and adults about proper seed spacing and sowing. Press the edge of the ruler into the soil to make a row; position the ruler over the row, dibble a hole, plant seeds.

Using a planting ruler will help you to cut back on the need to thin seedlings and to work with small (and difficult-to-handle) seeds like carrots and lettuce.



FEATURES

- Quick and easy to use
- Spacing distances labeled for most common vegetable varieties
- Includes dibbler for precise planting depth

Helps avoid this! →



USE AND CARE OF THIS TOOL

1. Moisten planting area, place ruler where you want seeds to grow.
2. Poke dibbler through the hole at the appropriate measurement to create an indentation then drop one or two seeds through the opening.
3. When you've reached the last hole, remove the ruler, gently pat the soil to cover your seeds, or cover them with a thin sprinkling of compost or soil.
4. Do not immerse this tool in water. Clean with a damp rag and thoroughly wipe dry when finished.
5. If you have questions about the use or care of this tool please contact the GPL at 978-352-5728.

SPECIFICATIONS

Intervale Seed and Plant Spacing Ruler

20.5" length x 0.5" height x 2" width; dibbler is 6" long
tool weighs 4 oz.

made by Gardener's Supply <https://www.gardeners.com/>

purchased May 2019 from Gardener's Supply **REPLACEMENT COST: \$16.00**

SEED AND PLANT SPACING RULER

RESOURCES TO HELP YOU USE THIS TOOL

WEBSITES

Intervale Seed and Plant Spacing Ruler

<https://www.gardeners.com/buy/intervale-seed-and-plant-spacing-ruler/8596629.html>

High Mowing Organic Seeds: Planting Chart

https://www.highmowingseeds.com/pub/media/wysiwyg/pdf/2018_Planting_Chart.pdf

FEDCO: Vegetable Planting Guide

<https://www.fedcoseeds.com/seeds/veggie-chart>

Sonoma County Master Gardeners: Planning an Intensive Garden

<http://sonomamg.ucanr.edu/files/36555.pdf>

K-State Johnson County Extension: Intensive Spacing for Raised Beds

https://www.johnson.k-state.edu/docs/lawn-and-garden/in-house-publications/vegetables/Intensive%20Spacing%20for%20Raised%20Beds_13.pdf

VIDEOS

Space race: see how closer or wider spacings speed growth and harvests

<https://www.youtube.com/watch?v=9mQbhVPCEBU>

What Happens When You Plant 6000 Seeds and Completely Disregard Spacing? Let's Find Out!

<https://www.youtube.com/watch?v=B6M3m64Gh4g>

What Happens When you Plant 6000 Seeds Without Spacing Them? FINAL RESULTS!

<https://www.youtube.com/watch?v=pFXFo1ERmVs>

SOIL MOISTURE SENSOR METER

Check the moisture level of houseplants and vegetable beds

FEATURES

- Large and clear dial featuring a ten-degree scale
- Sensing probe ensures accurate and instant testing results
- Package includes suggested plant watering guide

USE AND CARE OF THIS TOOL

1. Metal probe is delicate and sensitive: do not use it to test very hard soil, avoid rocks and always wipe clean after each use. Do not leave probe in the soil for more than an hour at a time.
2. This tool is designed for testing soil only. NEVER use it to test water or other liquid as it may permanently damage the sensor.
3. Gently insert the meter probe into the soil to the depth of the plants' roots.
4. Adjust the position of the probe until the pointer on the dial swings slightly.
5. Read the level on the dial after the reading stabilizes.
6. Remove probe from soil and wipe clean after each use.
7. Some very loose soils or salty soils may give an inaccurate reading. If you want to test it for accuracy, insert the probe into a bundle of dry peat moss or potting soil, take the recording, and then add various amounts of water to the soil and retest. Record the results you get and you will then have a guide as to what it means when the probe registers '5 - moderate moisture', or '9 - very wet', or '2 - very dry'.
8. Cross check any recommended watering levels with other sources (the plants' tag, plant care websites, the nursery where you bought it, etc.)
9. NEVER immerse this tool in water: it may permanently damage the sensor! Clean with a damp rag and thoroughly wipe dry when finished.
10. If you have questions about the use or care of this tool please contact the GPL at 978-352-5728.

SPECIFICATIONS

XLUX T10 Soil Moisture Sensor Meter - Soil Water Monitor, Hydrometer

10.43" length x 1.18" height x 2.17" width

tool weighs 2.46 oz.

distributed by Amazon <https://www.amazon.com/>

purchased May 2019 from Amazon **REPLACEMENT COST: \$12.00**



SOIL MOISTURE SENSOR METER

RESOURCES TO HELP YOU USE THIS TOOL

WEBSITES

Amazon: Soil Moisture Sensor Meter

<https://www.amazon.com/XLUX-Soil-Moisture-Sensor-Meter/dp/B014MJ8J2U>

UMass Extension: Measuring Soil Moisture

<https://ag.umass.edu/fact-sheets/measuring-soil-moisture>

UVirginia Extension: Understanding Soil Moisture Sensors

https://ext.vt.edu/content/dam/pubs_ext_vt_edu/BSE/BSE-198/BSE-198-PDF.pdf

VIDEOS

Soil Moisture Meter

<https://www.youtube.com/watch?v=rf2GfLmMwZI>

How to water a plant.... the right way!

<https://www.youtube.com/watch?v=ROiVCOFokTk>

Healthy Houseplants: How to Use a Moisture Meter

<https://www.youtube.com/watch?v=6OBhIJEXK0M>

SUNLIGHT CALCULATOR

Measure the amount of sunlight in various parts of the yard and garden

This device tells you how much sunlight a specific area gets in a single day. It's easy to use: place it in the location you want to test and hit the "activate" button. No need to monitor it, no moving parts. It provides a good estimate of sun exposure for your garden and holds the final reading for you.

FEATURES

- Easy to use
- Measures solar energy available during the growing season
- Long lasting CR2 battery included
- Measures the amount of accumulated Photosynthetically Active Radiation (PAR) light (which drives photosynthesis in plants) for 12 hours in a desired location

USE AND CARE OF THIS TOOL

1. Select a day when you can reasonably expect a full day of sunlight with few or no clouds.
2. Start early in the day, between 7am-9am. Place the device as close as possible to your desired planting location, either in a pot filled with soil or directly in the ground. Try to avoid the shade created by nearby plants. Make sure the face of the device is parallel to the ground.
3. Press the "activate" button on the device face. Four LED lights will flash to indicate the device is on and working.
4. At the end of 12 hours of continuous use the device will finish taking readings and a single LED light will indicate the location's light level.
5. After noting the test result, press the "activate" button to turn off the device.
6. NEVER immerse this tool in water. Clean with a damp rag and thoroughly wipe dry when finished.
7. If you have questions about the use or care of this tool please contact the GPL at 978-352-5728.

SPECIFICATIONS

Luster Leaf 1875 Rapitest Suncalc Sunlight Calculator

6" length x 3" height x 4" width

tool weighs 4 oz.

made by LusterLeaf <http://www.lusterleaf.com/>

purchased May 2019 from Amazon **REPLACEMENT COST: \$20.00**



SUNLIGHT CALCULATOR

RESOURCES TO HELP YOU USE THIS TOOL

WEBSITES

Amazon: Sunlight Calculator

<https://www.amazon.com/Luster-Leaf-1875-Rapitest-Calculator/dp/B002XZLLXU>

Sunlight Calculator – Another Product You Don't Need

<https://www.gardenmyths.com/sunlight-calculator-useless-product/>

Making A Sun Map: Tracking Sun Exposure in the Garden

<https://www.gardeningknowhow.com/garden-how-to/info/making-a-sun-map.htm#:~:text=Mapping%20sunlight%20in%20the%20garden,%2C%20leggy%2C%20or%20distorted%20growth.>

How to Make a Sun Map of Your Garden

<https://www.treehugger.com/how-make-sun-map-your-garden-4868783>

Design Basics: Mapping the Sun on Your Site

<https://www.milkwood.net/2015/06/01/design-basics-mapping-the-sun-on-your-site/>

UNH Cooperative Extension: How to site a greenhouse to receive the most sun

<https://extension.unh.edu/resource/how-site-greenhouse-receive-most-sun>

VIDEOS

Sun Calc By Luster Leaf

https://www.youtube.com/watch?v=ZsbC6f2Gx_A

Sun Mapping Your Garden the Easy Way: Determine Sun, Shade and Part Shade

https://www.youtube.com/watch?v=AAIhO_olcDg

This Is The Most Critical Step to Planning Your Garden

<https://www.youtube.com/watch?v=xPY7JFMYvW0>

TINY (BONSAI) PRUNING SAW

Cleanly prune small branches in tight places without harming nearby branches and stems

Originally designed for ikebana and bonsai pruning, this compact folding saw easily fits into a pants pocket and is extremely useful. It's perfect for clean cutting small woody stems and branches that are too big for hand pruners but too small for larger pruning saws or loppers. The short blade is excellent for working in tight spaces where branches are in close contact with one another without damaging the remaining branches.

FEATURES

- Very sharp, superfine teeth for precise cuts
- Small slender blade fits tight spots
- Compact size easily fits in a pocket when folded
- High carbon steel blade with nickel finish resistant to rust and sap
- Folding blade locks open for secure and easy action and closes with a push on the thumb lock



USE AND CARE OF THIS TOOL

1. It is **STRONGLY** recommended that you wear gloves and safety glasses while using this tool!
2. Pull folded blade out of handle slit and straighten until blade locks into handle. Keep fingers well away from the teeth of the blade. Be sure the blade is locked into place before beginning to cut. To release the blade, press on the black thumb lock trigger on the neck of the handle.
3. Cutting technique is important! The blade is strong but thin and can bend. The saw cuts on the pull stroke NOT on the push stroke. You have to ease up on the push stroke and angle down on the pull stroke. If you force the blade it will bend or break.
4. Never try to yank out a stuck blade by force. If the tool becomes stuck in the wood while cutting, try either gently pushing the branch away from the main stem to widen the cut and loosen the blade, or gently moving the saw up and down (NOT sideways!) to ease it out of the cut.
5. Be sure to carefully clean any debris out of the saw teeth before folding the saw back into the handle. This can be done by carefully folding a rag over the saw teeth and pulling it out and AWAY from the teeth to draw out any debris. Do NOT run anything up and down the blade or you will get cut!
6. Never immerse this tool in water. Clean with a damp rag and thoroughly wipe dry (especially the blade) before folding into the handle.
7. If you have ANY questions about the use or care of this tool contact the GPL at **978-352-5728**.

SPECIFICATIONS

ARS SA-IK10R Bonsai and Ikebana Saw

the exposed blade is 3.75" in length; the handle itself is 5" in length
tool weighs 2.4 ounces

made by ARS Corporation <https://www.arscorporation.jp/product/>

purchased May 2019 from Amazon.com **REPLACEMENT COST: \$14.00**

TINY (BONSAI) PRUNING SAW

RESOURCES TO HELP YOU USE THIS TOOL

WEBSITES

UNH Cooperative Extension: The Basics of Pruning Trees and Shrubs [fact sheet]

<https://extension.unh.edu/resource/basics-pruning-trees-and-shrubs-fact-sheet>

UNH Cooperative Extension: Pruning Deciduous Trees [fact sheet]

<https://extension.unh.edu/resource/pruning-deciduous-trees-fact-sheet>

VIDEOS

Lee Valley Tools: Pruning Saws

<https://www.youtube.com/watch?v=wy6XzljXE5k>

Ask an Arborist: The ABC's of Pruning

<https://www.youtube.com/watch?v=IQhmlK-0HOc>

TRANSPLANT SPADE

Dig deeply and cleanly around a plant to be transplanted to root prune without displacing the dirt or damaging nearby plants

Also known as a "rabbeting" shovel because farmers used them to dig out rabbit burrows, this trench or drain spade makes an excellent transplant spade.

A transplant spade is designed for digging a ring almost straight down around a root ball and then leveraging it out of the ground. It can be used to loosen the soil in the new transplant location. It also works well for dividing plants in order to separate and transplant them.

FEATURES

- Also used for digging narrow trenches, cleaning out previously dug ditches, and digging post holes
- Long, narrow shape makes it easy to dig deeply and is great for working in confined spaces
- Blade shape is intended to penetrate the soil rather than turn it, creating a trench of loosened soil around plant to be moved
- Combines the best attributes of a garden trowel and a spade to increase force of the blade, which improves digging in compacted or rocky soil
- Features a forward turned-step, solid shank blade, 9-inch socket, and a 27-inch hardwood handle with steel and wood D-grip



USE AND CARE OF THIS TOOL

1. It is **STRONGLY** recommended that you wear gloves and work boots while using this tool.
2. Before digging any deep hole anywhere, **CHECK TWICE** that there are no buried electrical wires, gas lines, data cables, water pipes or other critical hazards in the vicinity. Call DigSafe at 811!
3. In digging, technique matters. This tool is designed to enter the soil from a straight up position or at a slight angle, which will deliver the most force with the least effort.
4. Do **NOT** attempt to pry large rocks or root balls out of the soil with this spade! The long narrow blade is not intended for that use and doing so may bend or break the tool.
5. Be sure to carefully and completely clean any debris from the blade after use.
6. Do not immerse this tool in water. Clean with a damp rag and thoroughly wipe dry when finished.
7. If you have **ANY** questions about the use or care of this tool please contact the GPL at **978-352-5728**.



SPECIFICATIONS

Razorback 16" Drain Spade with D-Grip

46.75" height × 5.5" width × 2.25" depth

tool weighs 4 lbs. 4 oz.

made by Razorback <https://www.razor-back.com/tools/>

purchased May 2019 from Home Depot **REPLACEMENT COST: \$38.00**

TRANSPLANT SPADE

RESOURCES TO HELP YOU USE THIS TOOL

WEBSITES

DigSafe: Know What's Below: Call Before You Dig

<http://www.digsafe.com/index.php>

Razorback 16" Drain Spade with D-Grip

<https://www.razor-back.com/tool/shovels-and-scoops/47110-16-in-drain-spade-with-solid-shank-and-d-grip/>

What Is a Transplant Spade: Using Transplant Spades in the Garden

<https://www.gardeningknowhow.com/garden-how-to/tools/using-transplant-spades.htm>

Cornell Cooperative Extension: Dividing Perennials

<http://chemung.cce.cornell.edu/resources/dividing-perennials>

Dividing Hostas

<https://www.nhhostas.com/dividing-hostas/>

UNH Cooperative Extension: Planting and Mulching Trees and Shrubs [fact sheet]

<https://extension.unh.edu/resource/planting-and-mulching-trees-and-shrubs-fact-sheet>

VIDEOS

Razor-Back Drain Spade - Transplanting and Digging Trenches

https://www.youtube.com/watch?v=f_DqgPeC_LA

Sneeboer: Draining Spade

<https://www.youtube.com/watch?v=gryrg27bPnU>

Lee Valley Tools: How to Divide Your Perennials

<https://www.leevalley.com/en-us/discover/gardening-videos/2020/september/how-to-divide-your-perennials>

University of Kentucky Horticulture: Hand Digging Nursery Trees

<https://www.youtube.com/watch?v=DtIP-Qj-hMc>

How to Choose and Use Shovels and Other Digging Tools - This Old House

<https://www.youtube.com/watch?v=0AiQPWL3epE>

TREE PRUNING POLE SAW

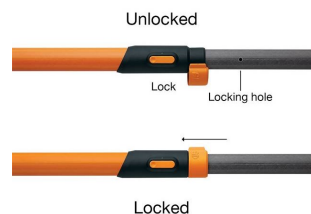
Prune branches at a distance between 7 and 14 feet overhead

FEATURES

- Includes 2 cutting options : 1 fully hardened, rope-controlled steel pruner and 1 sturdy 15" wood saw
- Cuts branches up to 1-1/8" thick and features a low-friction coating for smooth cuts, reduced gumming and enhanced rust resistance
- Power-lever technology maximizes leverage for up to two times more cutting power
- Oval-shaped pole reduces flex and allows control of the direction of the cut and fits the natural shape of your hand for improved comfort
- Double-locking system ensures the pole stays extended for superb control

USE AND CARE OF THIS TOOL

1. It is **STRONGLY** recommended that you wear gloves, safety glasses and head protection while using this tool.
2. This tool is meant to be used on the ground **ONLY**. Do not attempt to use on a ladder!
3. Do not use this tool anywhere near any powerlines.
4. Extreme care must be used whenever cutting overhead. Before cutting be certain where debris will land and be absolutely certain you are not standing underneath anything you are cutting. Check twice!
5. Be sure the pole is locked into place before beginning to cut.
6. Cutting technique is important. The saw cuts on the pull stroke **NOT** on the push stroke. Ease up on the push stroke and angle down on the pull stroke .
7. Never try to yank out a stuck blade by force. If the tool becomes stuck in the wood while cutting, try gently moving the saw up and down (**NOT** sideways!) to ease it out of the cut.
8. Be sure to carefully clean any debris out of the saw teeth when finished. This can be done by carefully folding a rag over the saw teeth and pulling it out and **AWAY** from the teeth to draw out any debris. Do **NOT** run anything up and down the blade or you will get cut.
9. Do not immerse this tool in water. Clean with a damp rag and thoroughly wipe dry when finished (especially the blades).
10. If you have **ANY** questions about the use or care of this tool, contact the GPL at **978-352-5728**.



SPECIFICATIONS

Fiskars PowerLever 1-1/8 in. Cut Capacity 14 ft. Tree Pruner

the saw blade is 15" in length; the handle extends from 7' to 14' in length
tool weighs 6 lbs.

made by Fiskars <https://www.fiskars.com/en-us>

purchased May 2019 from Home Depot **REPLACEMENT COST: \$50.00**

TREE PRUNING POLE SAW

RESOURCES TO HELP YOU USE THIS TOOL

WEBSITES

Fiskars Pruning Tools

<https://www.fiskars.com/en-us/gardening-and-yard-care/products/tree-pruners>

Fiskars PowerLever 1-1/8 in. Cut Capacity Steel Saw Blade 15 in. Fiberglass Pole 14 ft. Tree Pruner

<https://www.homedepot.com/p/Fiskars-PowerLever-1-1-8-in-Cut-Capacity-Steel-Saw-Blade-15-in-Fiberglass-Pole-14-ft-Tree-Pruner-393981-1002/300412758#product-overview>

UNH Cooperative Extension—The Basics of Pruning Trees and Shrubs [fact sheet]

<https://extension.unh.edu/resource/basics-pruning-trees-and-shrubs-fact-sheet>

UNH Cooperative Extension: Pruning Deciduous Trees [fact sheet]

<https://extension.unh.edu/resource/pruning-deciduous-trees-fact-sheet>

VIDEOS

How to use the Fiskars® Power-Lever® Extendable Pole Saw & Pruner (7'–14')

<https://www.youtube.com/watch?v=IdYx6fvIMyk>

Tool Review - Fiskars Pole Saw - Pacific Northwest Outdoors

https://www.youtube.com/watch?v=gr3ZoGHp_pQ&t=648s

Ask an Arborist: The ABC's of Pruning

<https://www.youtube.com/watch?v=IQhmlK-0HOc>

WATER POWERED WEEDER

Precisely target and remove tap-rooted weeds with a water jet from a standing position

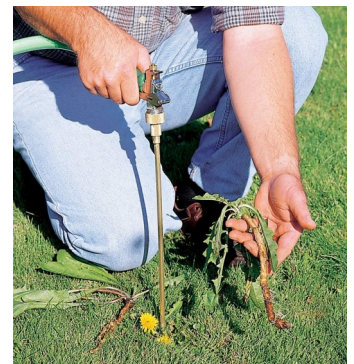
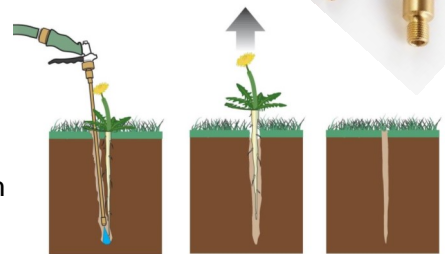
This is a long narrow tube with a water-gun handle which you attach to your hose. It creates a pressurized stream of water. Poke the tube down along the root a few times, and it loosens the dirt so you can pull out the weed.

FEATURES

- A high-pressure stream of water blasts a hole beside the targeted weed and leaves tap root loose in the mud
- Metal handle comes with filter/washer, so hose debris doesn't get in the tube
- Two-part metal wand can be shortened by half for work while kneeling instead of standing
- Designed to remove the entire root of tap-rooted weeds; ideal for use with dandelions
- Also useful for removing or straightening fence posts, or to make narrow, pre-watered holes for planting small bulbs such as lilies-of-the-valley or bluebells

USE AND CARE OF THIS TOOL

1. It is recommended that you wear gloves and work boots while using this tool.
2. This is a tool NOT a toy. The water is highly pressurized and can cause injury. Do not allow children to play with this tool!
3. To use, slowly squeeze the trigger and gently push the wand down into the ground alongside the root (the water drills the hole with little effort).
4. Once the surrounding soil is completely saturated the entire plant can be easily plucked out of the ground. As the water soaks into the ground, the hole fills itself in.
5. For stubborn or larger plants, try inserting the weeder several times immediately around the base of the plant.
6. Be sure to carefully and completely clean any debris from the tool after use.
7. Clean with a damp rag and thoroughly wipe dry when finished.
8. If you have ANY questions about the use or care of this tool please contact the GPL at 978-352-5728.



SPECIFICATIONS

Water-Powered Weeder

43" length

tool weighs under 1 lb.

distributed by Lee Valley Tools <https://www.leevalley.com/en-us>

purchased May 2019 from Lee Valley **REPLACEMENT COST: \$55.00**

WATER POWERED WEEDER

RESOURCES TO HELP YOU USE THIS TOOL

WEBSITES

Lee Valley: Water-Powered Weeder

<https://www.leevalley.com/en-us/shop/garden/garden-care/weeders/10418-water-powered-weeder?item=AL829>

UNH Cooperative Extension: What can weeds tell me about my garden soil?

<https://extension.unh.edu/blog/what-can-weeds-tell-me-about-my-garden-soil>

Grampa's Weeder: Dandelion Recipes

<https://grampasweeder.com/pages/recipes>

VIDEOS

DIY Water Weeder Using No Chemicals

<https://www.youtube.com/watch?v=-jSodj7w7SQ&t=20s>

Weeding the Garden Safety Tips

<https://www.youtube.com/watch?v=mxqE5TT7iH8>