



Adaptive Tools for Accessible Gardening

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Organize and Maintain Tools

- Keep tools organized and easily accessible
 - [26 Outdoor Shed Organization & Storage Ideas | Extra Space Storage \(wpengine.com\)](#)
- Sharp tools require less effort and allow for greater precision!
 - [STIHL All-In-1 Sharpening Device - Ace Hardware](#)
 - [Tool Sharpener for Pruners, Loppers, Shears + | Gardener's Supply \(gardeners.com\)](#)
- [How to Properly Maintain Garden Tools for Long-Lasting Use - Woodland Tools Co.](#)



Keep Tools Nearby

- [Rolling garden caddys](#)
- Bucket caddys
- Gardening totes
- [Gardening aprons](#) (also protect one's clothes)
- [Gardening toolbelts](#)





DIRT & WATER-RESISTANT

Reduce strain on knees



- Knee pads
- Kneeler pads - [Gorilla Grip makes an extra thick one](#)
- [Garden kneeler and seat](#) - allows one to work from a kneeling or seated position
- [Garden cart with swivel seat](#) – allows one to work from a seated position

Add-on grips for your existing garden tools

- [EazyHold silicone universal cuffs](#) – available in variety of sizes
- [Industrial twist ties](#) - can also be used to tie up plants or cords!
- [Foam grip tubing](#)
- [Grip tape](#) (commonly used on baseball bats & tennis rackets)



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[Information & Resources](#) | [Assistive Technology New Hampshire \(ATinNH\) \(unh.edu\)](#)



Active Hands Grip Aid

- Pulls the hand into a fist shape
- Adjusts to hold different thickness items in the palm
- [Limb Difference Aid - The Active Hands Company](http://www.activehands.com)

Ergonomic Garden Tools

- Look for well-made tools with cushioned grips
- [Corona hand tools with ComfortGEL grips](#)
- [Gardening Tools for People with Arthritis \(arthritissupplies.com\)](#)
- [Fiskars](#) hand tools with Softgrip touchpoints
 - [Ergo Garden Tool Set](#)



Easi Grip Garden Tools

- Hand tools with upright, ergonomic grips allow the hand and wrist to remain in a neutral position
- "Long reach" (long-handled) versions allow users to work from a seated or standing position
- Add-on arm support cuff for standard tools allows one to use the strength of their forearm





Long Handle Rocket
Weeder



Long Handle Bulb Planting Tool

Yard Butler Long-Handled Garden Tools

Can be used from a standing position

Use the gardener's body weight for leverage



Planting helpers

- [Garden Augers: Drill Bits for Planting | Power Planter](#) – auger attachments for power drills
- [Handy Seed Sower - Burpee](#) – place small seeds inside and easily control the flow
- Use a long, rigid tube to plant seeds from standing



Watering your garden



4 ways to make your garden hose easier to use


- Add a [large-handle grip](#) to your existing faucet tap
- Swap out a knob style faucet tap for a [lever style handle](#)
- Install a hose splitter so you don't need to attach/reattach the hose when you want to use different watering tools
 - [The Best Garden Hose Splitters of 2023 - Picks from Bob Vila](#)
- Install [push/pull or "quick connect" hose connectors](#) – they don't require twisting to swap watering tools



Garden hoses

- [Coiled garden hoses](#)
- Lightweight garden hoses like the [Flexi Hose](#)
- Hose caddies with good wheels
- Drip irrigation
 - [Drip Irrigation vs. Soaker Hoses: Which is Better? | Eartheasy Guides & Articles](#)
- Soaker hoses





2 inexpensive ways to be less "hands- on" with watering

- Ollas – clay vessels that are buried in the soil then filled with water that slowly releases
 - [How to make DIY Ollas: Low Tech Self-Watering Systems for Plants](https://lovelygreens.com/how-to-make-diy-ollas-low-tech-self-watering-systems-for-plants/) (lovelygreens.com)
- DIY drip irrigation systems
 - [How to make a DIY drip irrigation system for free | Gardeningetc](#)

2 ways to water difficult-to-reach plants

- Use a long-handled gardening wand
 - [The Best Watering Wands of 2023 - Tested by Bob Vila](#)
- Add plant pulleys to hanging plants so you can lower them when they need to be watered/tended
 - [Amazon.com: MEGXIT 2 Pack Plant Pulley Retractable Pulley Plant Hanger](#)



DIY Adapted Outdoor Plant Watering Wand Holder

- [Adapted Outdoor Plant Watering Wand Holder : 8 Steps - Instructables](#)
- Uses a universal clamp that can be attached to any wheelchair or other mobility device



Photo credit: Instructables.com



Water timers keep you from flooding the neighbor's yard

- Do not require internet
- Connect between the spigot and hose
- Allow you to program how frequently and for how long your sprinkler runs
- [Best Garden Water Timers \(buyersguide.org\)](https://www.buyersguide.org/best-garden-water-timers)



Smart irrigation systems

- Require internet
- Require underground sprinkler systems
- Use real-time information about the weather to water your garden when appropriate
- [The 3 Best Smart Sprinkler Controllers for 2023 | Reviews by Wirecutter \(nytimes.com\)](#)

Here to help!

Your state's Assistive Technology Act Program is here to help. We can help you find the right solution for your specific need.

Minnesota STAR Program

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