

# Adaptive Tools for Accessible Gardening

Courtney Ness Fuchs, ATP North Dakota Assistive

# 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!
  - <u>STIHL All-In-1 Sharpening Device Ace</u> Hardware
  - <u>Tool Sharpener for Pruners, Loppers, Shears + |</u>
     <u>Gardener's Supply (gardeners.com)</u>
- How to Properly Maintain Garden Tools for Long-Lasting Use - Woodland Tools Co.



### Keep Tools Nearby

- Rollinggarden caddys
- Bucket caddys
- Gardening totes
- Gardening aprons (also protect one's clothes)
- Gardening toolbelts









# 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

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













### Active Hands Grip Aid

- Pulls the hand into a fist shape
- Adjusts to hold different thickness items in the palm
- <u>Limb Difference Aid The Active</u> <u>Hands Company</u>

#### **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

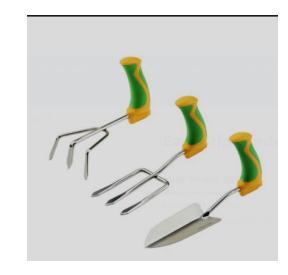


#### Easi Grip Garden Tools

- Hand tools with upright, ergonomic grips allow the hand and wrist to remain in a neutral position
- "Long reach" (longhandled) 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









Weeder

### 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



# 4 ways to make your garden hose easier to use

- Add a <u>large-handle grip</u> 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 <u>push/pull or "quick connect"</u>
   <u>hose connectors</u> they don't require twisting to swap watering tools







## Garden hoses

- Coiled garden hoses
- Lightweight garden hoses like the <u>Flexi Hose</u>
- Hose caddies with good wheels
- Drip irrigation
  - <u>Drip Irrigation vs. Soaker Hoses:</u>
     <u>Which is Better? | Eartheasy</u>
     <u>Guides & Articles</u>
- Soaker hoses





### 2 ways to water difficultto-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





# 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)



# 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

1-888-234-1267

Jamis Wehrenberg jamis.wehrenberg@state.mn.us

#### North Dakota Assistive

1-800-895-4728

Courtney Ness Fuchs <a href="mailto:cness@ndassistive.org">cness@ndassistive.org</a>