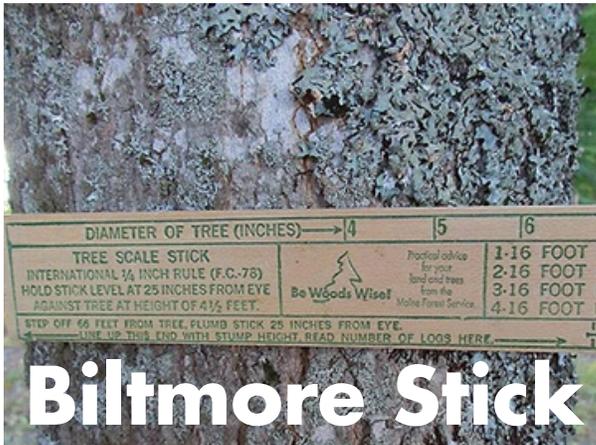




TOOL ID

Natural Resources



Biltmore Stick

Common Name: Cruiser stick, forestry stick, tree scale stick, hypsometer.

Definition/description: A Biltmore stick, dated to the early 19th century, is one method used for measuring tree diameter and height (total or merchantable). From there, the total board feet of the tree can be established, along with tonnage and cubic feet.

What it is used for: Used to measure tree diameter, height and volume.



Handheld Sprayer

Common Name: Handheld pump sprayer, garden sprayer, garden pump sprayer, plant mister, spot sprayer, one-hand sprayer.

Definition/description: A handheld sprayer is a portable device used for applying liquids, such as paint or pesticides, to surfaces. It consists of a container to hold the liquid, a nozzle to control the spray pattern, and a pump or trigger mechanism to pressurize and release the liquid.

What it is used for: Precision applications including pesticides, insecticides and fertilizers.



Pesticide Safety Kit

Common Name: Pesticide Handler Kit, Basic Pesticide Safety Kit, or Pesticide Worker Safety Package.

Tool Technical Name: Personal Protective Equipment (PPE) for Pesticide Handlers.

Definition/description: Collection of personal protective equipment (PPE) and tools designed to prevent exposure to hazardous chemicals during mixing, loading, and application.

What it is used for: Reduce the risk of pesticide exposure and help in the case of an emergency.

Source(s): https://northernwoodlands.org/knots_and_bolts/the-biltmore-stick
<https://extension.usu.edu/forestry/rural-forests/forest-management/measuring-stick>
<https://skygeneralservices.com/glossario/handheld-sprayer-guide/>
<https://ohioline.osu.edu/factsheet/aex-79027>
<https://extension.unh.edu/resource/personal-protective-equipment-ppe-pesticide-use-selection-use-legal-requirements-fact-sheet>



TOOL ID

Natural Resources



Pruning Shears

Common Name: Clippers, gardening shears, snips, pruners, Garden scissors.

Technical name: Hand pruners/Secateurs

Definition/description: Strong shears or scissors that can cut through the branches of plants and trees.

What it is used for: They're used for detailed plant care, reshaping shrubs, cutting thorny growth, removing damaged leaves, reducing overcrowding, trimming large plants, and guiding growth.



Sod Cutter

Common Name: Sod kicker, turf cutter, turf harvester.

Technical Name: Sod cutter/Turf Renovation Machine

Definition/description: Sod cutters cleanly remove grass and the soil layer beneath it to prepare areas for transplanting or new landscaping like gardens, patios, or walkways.

What it is used for: Ideal for homeowners and professionals preparing new installations, removing turf, or refreshing a yard with minimal soil disturbance.



Soil Test, Auger, Kit

Common Name: Soil sampling kit, hand auger set, bucket auger kit

Technical Name: Environmental sampling kits/Soil sampling auger kit

Definition/description: A portable, manual or motorized set of tools designed to bore into the ground, specifically to collect soil samples for analysis. These kits are essential for assessing soil nutrient levels, composition, structure and compaction.

What it is used for: Collecting disturbed or undisturbed soil samples at various depths.

Source(s):

<https://agri-route.com/blogs/news/everything-you-need-to-know-about-secateurs>

<https://www.bobcat.com/na/en/equipment/turf-renovation-equipment/sod-cutters>

<https://extension.missouri.edu/publications/g9217>



TOOL ID

Natural Resources



Survey Instrument

Common Name: Transit

Technical name: Theodolite

Definition/description: A surveying instrument for measuring horizontal and vertical angles, consisting of a small telescope mounted on a tripod.

What it is used for: Measure horizontal and vertical angles in surveying applications.



Wheel Barrow

Common Name: Pushcart, garden cart, cart, barrow

Definition/description: A small cart with a single wheel at the front and two supporting legs and two handles at the rear, used typically for carrying loads in building-work or gardening.

What it is used for:

Agriculture: Moving feed, tools, and materials around farms.
Gardening & Landscaping: Transporting topsoil, compost, mulch or gravel. Moving plants or shrubs, collecting weeds and garden waste.



Wind Speed Meter

Common Name: Wind speed meter

Technical Name: Anemometer, Cup Anemometer, Vane/Propeller Anemometer

Definition/description: A meteorological instrument used to measure the velocity, speed and sometimes direction of wind or air flow.

What it is used for: To measure wind speed and velocity.

Source(s): <https://agri-route.com/blogs/news/everything-you-need-to-know-about-secateurs>, <https://www.bobcat.com/na/en/equipment/turf-renovation-equipment/sod-cutters>, <https://extension.missouri.edu/publications/g9217>, <https://www.vocabulary.com/dictionary/theodolite>, <https://www.engineersupply.com/How-to-use-theodolites.aspx>
Oxford languages