COMMON TOOLS FOR SMALL FARMS AND GARDENS

USDA-NRCS Indiana Training Document—October 2022









Jang Push Seeder

Optional Double Disc Attachment for Jang Seeder

Earthway Seeder

FURROWING AND STRIP TILLAGE TOOLS—create furrows for seeds or transplants, or break up soil prior to row seeder







Wheel Hoe

Pointed Hoe

Hand Hoe or Ridger

TRANSPLANTING TOOLS—create slots for transplants or bulbs









Trowel

Dibblers

Auger

BED PREPARATION TOOLS - smoothing and firming

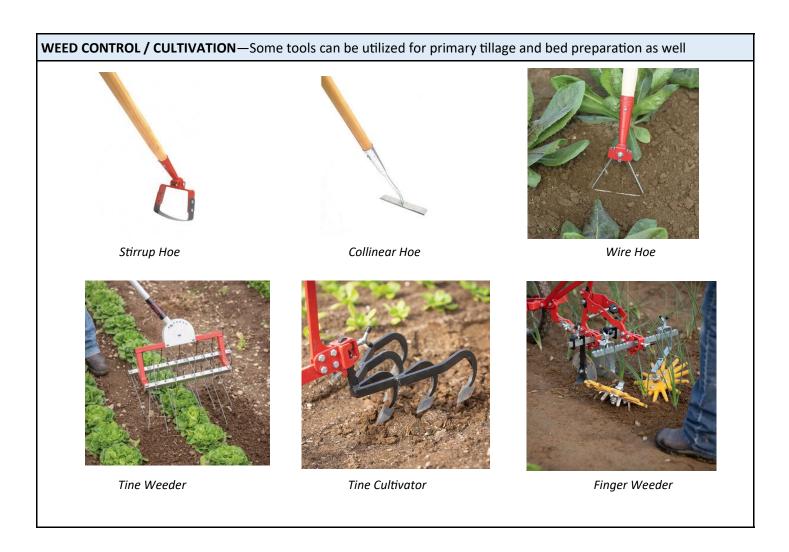






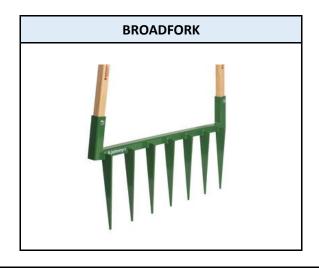
Bed Preparation Rake













MOWING AND CUTTING TOOLS— for crop and cover crop termination and residue management







Flail Mower

Weed Whacker

Sickle

SMALL FARM TERMS — DEFINITIONS

Direct seeding

Direct seeding involves the sowing of seeds directly into the soil to achieve germination and establishment.

Transplanting

The process of moving a fully germinated seedling (or mature plant) and replanting it in a permanent location for the growing season.

Interplanting

Seeding a cover crop or secondary crop alongside the primary harvestable crop in a given bed or growing area.

Bed flip / Bed flipping

The process of switching a particular bed or growing area from one crop after harvest to another crop (either seeded or transplanted). Incorporates the tools, amendments, disturbance and all processes a grower will do to the bed to transition to the next crop. Use: "How do your flip your beds?"

Bed prep / Bed preparation

Similar to bed flipping – the process of preparing a particular bed or growing area prior to planting with a crop.

Broadforking

The process of using a broadfork - a garden tool used to manually break up densely packed soil, including hardpan, to improve aeration, and that does so without minimal disturbance of soil structure.

Tilthing

The process of using a tilther to cultivate a crop or prepare a bed prior to planting with the crop. It is designed to reduce soil disturbance and shallow tills or "tilths" the soil surface.