## Classification of agricultural practices that were included in the systematic map

We used this hierarchical classification of farming practice interventions for coding, via drop-down menus in our data-entry forms. This list was intended to be generic enough to apply other crops, as a secondary aim of this systematic map was to test whether a consistent intervention and outcome classification could be developed for agriculture. We used “n.e.c.” (not elsewhere classified) categories to capture interventions that were not listed at lower levels, and made new interventions when these categories indicated that common interventions were missing. We included all in-field/on-farm management practices, such as: applying amendments, planting in a different agro-ecological zone, irrigating, intercropping, planting crop margins, or releasing biological control agents. Studies were classified at the level of bullet points, unless they were in higher level “n.e.c.” categories. Many interventions were broken into “treatment-control” or “treatment-treatment” comparisons at the lowest level (e.g., a study that compared plots with and without fertiliser would be “treatment-control”, whereas a study that compared two fertiliser types would be “treatment-treatment”). This distinction was to facilitate reuse of the systematic map for synthesis. We included four combined interventions: integrated pest management, integrated soil management, organic farming, and precision farming.

**All interventions**

**10. Crop management**

**-- 10.10. Selecting and preparing the planting material**

*10.10.10. Selecting the planting material*

* 10.10.10.TT. Selecting a different type of planting material
* 10.10.10.TT.10. Planting a different crop (e.g., cassava vs maize)
* 10.10.10.TT.20. Planting a different variety/cultivar (e.g., a disease-resistant variety)
* 10.10.10.TT.30. Planting materials of a different quality (e.g., longer vs shorter cuttings, or older vs younger stored seeds)
* Planting materials from a different source (e.g., a different farm or different part of the mother plant)
* Planting materials that are disease-free
* 10.10.10.TT.40. Planting seeds vs cuttings (i.e. sexual vs asexual propagules)
* 10.10.10.TT.NEC. Planting a different type of planting material, n.e.c.

*10.10.20. Preparing the planting material*

* 10.10.20.TC. Preparing the planting material (vs control)
* 10.10.20.TC.10. Cutting, scraping, or trimming before planting
* 10.10.20.TC.20. Grafting
* 10.10.20.TC.30. Inoculating with microorganisms before planting (e.g., biofertilizers or biological control agents)
* Inoculating with bacteria (including rhizobacteria) before planting
* Inoculating with fungi (including mycorrhizae) before planting
* 10.10.20.TC.40. Treating with heat or cold before planting (e.g., storing planting materials at different temperatures)
* 10.10.20.TC.50. Treating with light or darkness before planting
* 10.10.20.TC.60. Treating with chemicals or water before planting
* Treating with nutrients before planting (e.g., nitrogen)
* Treating with desiccant before planting (e.g., drying seeds)
* Treating with water before planting (e.g., soaking seeds or cuttings)
* Treating with hormones before planting (e.g., rooting hormone)
* Treating with fungicide before planting
* Treating with herbicide before planting
* Treating with pesticide before planting
* 10.10.20.TC.NEC. Preparing the planting material (vs control), n.e.c.
* 10.10.20.TT. Preparing the planting material using a different method/tool
* 10.10.20.TT.NEC. Preparing the planting material using a different method/tool, n.e.c.

**-- 10.20. Planting crops (including intercropping/polyculture/agroforestry)**

*10.20.10. Planting crops (e.g., planting at a different time or in a different place)*

* 10.20.10.TC. Planting crops (vs control; i.e. vs abandoning farmland; also see "using crop rotations" for fallows)
* 10.20.10.TC.NEC. Planting crops (vs control), n.e.c.
* 10.20.10.TT. Planting crops using a different method/tool
* 10.20.10.TT.10. Planting in a different location/environment
* Planting in a different agro-climatic context (e.g., climate type or soil type)
* Planting in a different landscape context (e.g., near natural habitat, near a mining area, or in a polluted site)
* Planting in a different local context (e.g., a larger field vs a smaller field, or sloping land vs flat)
* Planting using an artificial structure (e.g., in a polytunnel or under a shade net)
* 10.20.10.TT.20. Planting at a different time (i.e. earlier vs later, but not year vs year)
* 10.20.10.TT.30. Planting in a different substrate (e.g., planting in mounds, ridges, or raised beds; also see "landscaping" and "tilling")
* 10.20.10.TT.40. Planting at a different density or spacing (including planting in rows vs broadcasting or planting rows in different orientations)
* 10.20.10.TT.50. Planting at a different depth
* Planting below the surface of the soil (e.g., using dibbing sticks or seed drills vs broadcasting)
* 10.20.10.TT.60. Planting in a different orientation (e.g., planting cuttings horizontally vs vertically)
* 10.20.10.TT.70. Planting using machinery (e.g., vs planting using hand tools)
* 10.20.10.TT.NEC. Planting using a different method/tool, n.e.c.

*10.20.20. Intercropping/polyculture (e.g., agroforestry or companion planting)*

* 10.20.20.TC. Intercropping/polyculture (vs control; i.e. polyculture vs monoculture)
* 10.20.20.TC.10. Intercropping/polyculture with non-woody plants (including ground cover during the growing season; e.g., push-pull with companion plants)
* 10.20.20.TC.20. Intercropping/polyculture with woody plants (agroforestry, including alley cropping and shade cropping)
* 10.20.20.TC.NEC. Intercropping/polyculture, n.e.c.
* 10.20.20.TT. Intercropping/polyculture using a different method/tool/species
* 10.20.20.TT.NEC. Intercropping/polyculture using a different method/tool/species, n.e.c.

**-- 10.30. Managing crop growth (also see "pathogen, pest, and weed management" and "fertilizing and irrigating")**

*10.30.10. Thinning/pruning crops*

* 10.30.10.TC. Thinning/pruning crops (vs control)
* 10.30.10.TC.NEC. Thinning/pruning crops (vs control), n.e.c.
* 10.30.10.TT. Thinning/pruning crops using a different method/tool
* 10.30.10.TT.NEC. Thinning/pruning crops using a different method/tool, n.e.c.

*10.30.20. Supporting/training crops*

* 10.30.20.TC. Supporting/training crops (vs control)
* 10.30.20.TC.NEC. Supporting/training crops (vs control), n.e.c.
* 10.30.20.TT. Supporting/training crops using a different method/tool
* 10.30.20.TT.NEC. Supporting/training crops using a different method/tool, n.e.c.

*10.30.30. Pollinating crops (also see "providing resources for pollinators")*

* 10.30.30.TC. Pollinating crops (vs control)
* 10.30.30.TC.10. Pollinating crops by hand
* 10.30.30.TC.20. Using managed pollinators (e.g., honey bee hives)
* 10.30.30.TC.NEC. Pollinating crops (vs control), n.e.c.
* 10.30.30.TT. Pollinating crops using a different method/tool
* 10.30.30.TT.NEC. Pollinating crops using a different method/tool, n.e.c.

*10.30.40. Regulating crop growth with chemicals (e.g., hormones; also see "fertilizing and irrigating")*

* 10.30.40.TC. Regulating crop growth with chemicals (vs control)
* 10.30.40.TC.NEC. Regulating crop growth with chemicals (vs control), n.e.c.
* 10.30.40.TT. Regulating crop growth using a different method/tool/chemical
* 10.30.40.TT.NEC. Regulating crop growth using a different method/tool/chemical, n.e.c.

**-- 10.40. Harvesting crops**

* 10.40.10. Harvesting crops (e.g., harvesting at a different time)
* 10.40.10.TC. Harvesting crops (vs control; i.e. vs leaving crops in the field)
* 10.40.10.TC.NEC. Harvesting crops (vs control), n.e.c.
* 10.40.10.TT. Harvesting crops using a different method/tool
* 10.40.10.TT.10. Harvesting crops at a different time
* 10.40.10.TT.20. Harvesting crops using machinery (e.g., vs harvesting using hand tools)
* Harvesting crops using different machines (e.g., larger, wider, heavier)
* 10.40.10.TT.NEC. Harvesting crops using a different method/tool, n.e.c.

**-- 10.50. Managing crop rotations, cover crops, crop residues, and fallows**

*10.50.10. Managing crop residues (also see "tilling the soil")*

* 10.50.10.TC. Destroying/removing crop residues (vs control; i.e. vs retaining crop residues)
* 10.50.10.TC.10. Burning crop residues
* 10.50.10.TC.20. Desiccating crop residues using herbicide
* 10.50.10.TC.30. Removing crop residues from the field
* 10.50.10.TC.NEC. Destroying/removing crop residues (vs control), n.e.c.
* 10.50.10.TT. Destroying/removing crop residues using a different method/tool
* 10.50.10.TT.NEC. Destroying/removing crop residues using a different method/tool, n.e.c.
* 10.50.20.TC. Incorporating crop residues into the soil (vs control; also see "tilling the soil")
* 10.50.20.TC.NEC. Incorporating crop residues into the soil (vs control), n.e.c.
* 10.50.20.TT. Incorporating crop residues into the soil using a different method/tool/species
* 10.50.20.TT.NEC. Incorporating crop residues into the soil using a different method/tool/species, n.e.c.

*10.50.20. Using crop rotations (including cover crops in the non-growing season; also see "intercropping/polyculture")*

* 10.50.20.TC. Using crop rotations (vs control)
* 10.50.20.TC.10. Rotating cash/food crops with different cash/food crops
* 10.50.20.TC.20. Rotating cash/food crops with cover crops (not including intercropping in the growing season)
* 10.50.20.TC.30. Rotating cash/food crops with fallows or temporary grasslands/pastures (not including cover crops)
* 10.50.20.TC.NEC. Using crop rotations (vs control), n.e.c.
* 10.50.20.TT. Using a different method/tool/species for crop rotations
* 10.50.20.TT.10. Using a different species for crop rotations (e.g., different species in planted fallows)
* 10.50.20.TT.20. Using a different timing for crop rotations (e.g., growing the main crop every two years vs every four years)
* 10.50.20.TT.NEC. Using a different method/tool/species for crop rotations, n.e.c.

**-- 10.60. Managing crops after harvesting (post-harvest management)** – *Note that we did not include evidence on this in the systematic map*

*10.60.10. Storing crops*

* 10.60.10.TC. Storing crops (vs control; i.e. vs using crops as food, feed, fuel, etc.)
* 10.60.10.TC.NEC. Storing crops (vs control), n.e.c.
* 10.60.10.TT. Storing crops using a different method/tool
* 10.60.10.TT.NEC. Storing crops using a different method/tool, n.e.c.

**-- 10.NEC. Crop management, n.e.c.**

**20. Soil, water, and land management**

**-- 20.10. Preparing land for planting**

*20.10.10. Clearing land for planting (also see "retaining semi-natural habitats")*

* 20.10.10.TT. Clearing land for planting using a different method/tool (e.g., slash-and-burn vs bulldozer)
* 20.10.10.TT.NEC. Clearing land for planting using a different method/tool, n.e.c.

*20.10.20. Landscaping (e.g., making terraces or digging drainage ditches)*

* 20.10.20.TC. Landscaping (vs control)
* 20.10.20.TC.NEC. Landscaping (vs control), n.e.c.
* 20.10.20.TT. Landscaping using a different method/tool
* 20.10.20.TT.NEC. Landscaping using a different method/tool, n.e.c.

*20.10.30. Plowing*

* 20.10.30.TC. Plowing (vs control; i.e. vs no tillage)
* 20.10.30.TC.NEC. Plowing (vs control; i.e. vs no tillage), n.e.c.
* 20.10.30.TT. Plowing using a different method/tool
* 20.10.30.TT.10. Plowing in a different direction (e.g., contour plowing on slopes)
* 20.10.30.TT.20. Plowing with a different intensity (e.g., depth or frequency)
* Plowing less intensively (e.g., conservation tillage/minimum tillage/reduced tillage)
* Plowing less frequently
* Plowing more intensively (e.g., ripping/subsoiling to reduce compaction)
* 20.10.30.TT.30. Plowing using a different tool (e.g., hand tools vs machinery; but not "Plowing with a different intensity")
* 20.10.30.TT.NEC. Plowing using a different method/tool, n.e.c.

*20.10.40. Preparing the planting bed (e.g., making raised beds)*

* 20.10.40.TC. Preparing the planting bed (vs control)
* 20.10.40.TC.10. Making mounds, ridges, or raised beds
* 20.10.40.TC.20. Making planting holes
* 20.10.40.TC.NEC. Preparing the planting bed (vs control), n.e.c.
* 20.10.40.TT. Preparing the planting bed using a different method/tool
* 20.10.40.TT.NEC. Preparing the planting bed using a different method/tool, n.e.c.

**-- 20.20. Fertilizing and irrigating**

*20.20.10. Applying fertilizer and soil amendments*

* 20.20.10.TC. Applying fertilizer and soil amendments (vs control)
* 20.20.10.TC.10. Applying ash
* 20.20.10.TC.100. Applying synthetic/mineral/inorganic fertilizer (including N, P, K, and other nutrients)
* 20.20.10.TC.20. Applying beneficial microorganisms (biofertilizer)
* Inoculating the soil with bacteria (including rhizobacteria)
* Inoculating the soil with fungi (including mycorrhizae)
* 20.20.10.TC.30. Applying biochar
* 20.20.10.TC.40. Applying compost
* Adding composted manure
* Adding composted municipal waste
* Adding composted plants
* Adding compost, n.e.c.
* 20.20.10.TC.50. Applying lime or another source of calcium
* 20.20.10.TC.60. Applying manure
* Applying liquid manure (slurry)
* Applying solid manure
* 20.20.10.TC.70. Applying sewage sludge
* 20.20.10.TC.80. Applying mulch (also see "managing crop residues")
* Mulching with organic matter (e.g., straw)
* Mulching with synthetic material (e.g., plastic)
* 20.20.10.TC.90. Applying nitrification inhibitor
* 20.20.10.TC.NEC. Applying fertilizer and soil amendments (vs control), n.e.c.
* 20.20.10.TT. Applying fertilizer and soil amendments using a different method/tool/material
* 20.20.10.TT.10. Using a different amount of amendment/fertilizer (e.g., using the recommended rate of fertilizer)
* 20.20.10.TT.20. Using a different method of applying an amendment/fertilizer
* Applying the fertilizer in a different place (e.g., injecting vs spreading; fertilizing planting holes; using band application)
* Applying the fertilizer at a different time (e.g., split application)
* 20.20.10.TT.30. Using a different type of amendment/fertilizer or mixture
* Using a different type of organic amendment/fertilizer (e.g., liquid vs solid manure; different types of compost)
* Using a different type of synthetic/mineral/inorganic amendment/fertilizer (e.g., different N:P:K ratio; liquid vs solid)
* Using an organic amendment vs a synthetic/mineral/inorganic amendment/fertilizer
* Using a mixture of organic and inorganic amendments/fertilizers
* 20.20.10.TT.NEC. Applying fertilizer and soil amendments using a different method/tool/material, n.e.c.

*20.20.20. Irrigating*

* 20.20.20.TC. Irrigating (vs control; i.e. vs rainfed cropping)
* 20.20.20.TC.10. Using drip irrigation
* 20.20.20.TC.20. Using flood irrigation
* 20.20.20.TC.30. Using furrow irrigation
* 20.20.20.TC.40. Using sprinkler irrigation
* 20.20.20.TC.50. Increasing rainfall (rainmaking)
* 20.20.20.TC.NEC. Using irrigation (vs control), n.e.c.
* 20.20.20.TT. Irrigating using a different method/tool/type of irrigation water
* 20.20.20.TT.10. Using a different amount of irrigation water
* 20.20.20.TT.20. Using a different method of irrigating (e.g., flood vs drip)
* Irrigating in a different place
* Irrigating at a different time
* 20.20.20.TT.30. Using a different type of irrigation water
* Using recycled irrigation water
* 20.20.20.TT.NEC. Irrigating using a different method/tool/type of irrigation water, n.e.c.

**-- 20.NEC. Soil, water, and land management, n.e.c.**

**30. Pathogen, pest, and weed management (see other categories for cultural control, host plant resistance, and habitat management)**

**-- 30.10. Pathogen control (e.g., bacteria, fungi, and viruses)**

*30.10.10. Biological control of pathogens (introducing biocontrol agents, not including plants)*

* 30.10.10.TC. Biological control of pathogens (vs no biological control)
* 30.10.10.TC.10. Introducing biological control agents for pathogens (including biopesticides)
* 30.10.10.TC.NEC. Biological control of pathogens (vs no biological control), n.e.c.
* 30.10.10.TT. Using a different method/tool/species for biological control of pathogens
* 30.10.10.TT.NEC. Using a different method/tool/species for biological control of pathogens, n.e.c.

*30.10.20. Chemical control of pathogens*

* 30.10.20.TC. Chemical control of pathogens (vs no chemical control)
* 30.10.20.TC.10. Using a fungicide or mixture of fungicides
* 30.10.20.TC.NEC. Chemical control of pathogens (vs no chemical control), n.e.c.
* 30.10.20.TT. Using a different method/tool/chemical for chemical control of pathogens
* 30.10.20.TT.10. Using a different amount of fungicide
* 30.10.20.TT.20. Using a different method of applying fungicide
* Fumigating the soil
* 30.10.20.TT.30. Using a different type of fungicide or mixture of fungicides
* 30.10.20.TT.NEC. Using a different method/tool/chemical for chemical control of pathogens, n.e.c.

*30.10.30. Physical/mechanical control of pathogens*

* 30.10.30.TC. Physical/mechanical control of pathogens (vs no physical/mechanical control)
* 30.10.30.TC.10. Destroying diseased plants in the field (i.e. roguing)
* Burning diseased plants in the field
* Burying diseased plants in the field
* 30.10.30.TC.20. Removing diseased plants from the field
* 30.10.30.TC.NEC. Physical/mechanical control of pathogens (vs no physical/mechanical control), n.e.c.
* 30.10.30.TT. Using a different method/tool for physical/mechanical control of pathogens
* 30.10.30.TT.NEC. Using a different method/tool for physical/mechanical control of pathogens, n.e.c.

**-- 30.20. Invertebrate pest control (e.g., insects and mites)**

*30.20.10. Biological control of invertebrate pests (introducing biocontrol agents, not including plants)*

* 30.20.10.TC. Biological control of invertebrate pests (vs no biological control)
* 30.20.10.TC.10. Introducing biological control agents for invertebrate pests (including biopesticides)
* 30.20.10.TC.NEC. Biological control of invertebrate pests (vs no biological control), n.e.c.
* 30.20.10.TT. Using a different method/tool/species for biological control of invertebrate pests
* 30.20.10.TT.NEC. Using a different method/tool/species for biological control of invertebrate pests, n.e.c.

*30.20.20. Chemical control of invertebrate pests*

* 30.20.20.TC. Chemical control of invertebrate pests (vs no chemical control)
* 30.20.20.TC.10. Using a pesticide or mixture of pesticides
* Using organic pesticide
* 30.20.20.TC.20. Using a chemical deterrent/repellent
* 30.20.20.TC.30. Using a chemical trap/lure (e.g., pheromone traps)
* 30.20.20.TC.40. Using soap and water as a spray
* 30.20.20.TC.NEC. Chemical control of invertebrate pests (vs no chemical control), n.e.c.
* 30.20.20.TT. Using a different method/tool/chemical for chemical control of invertebrate pests
* 30.20.20.TT.10. Using a different amount of the chemical
* 30.20.20.TT.20. Using a different method of applying the chemical
* 30.20.20.TT.30. Using a different type of chemical or mixture of chemicals
* 30.20.20.TT.NEC. Using a different method/tool/chemical for chemical control of invertebrate pests, n.e.c.

*30.20.30. Physical/mechanical control of invertebrate pests*

* 30.20.30.TC. Physical/mechanical control of invertebrate pests (vs no physical/mechanical control)
* 30.20.30.TC.10. Destroying/removing invertebrate pests by hand
* 30.20.30.TC.20. Using pressurized sprays (e.g., water cannons)
* 30.20.30.TC.30. Using physical/mechanical traps (e.g., sticky traps)
* 30.20.30.TC.40. Excluding invertebrate pests from crops (e.g., netting or other barriers)
* 30.20.30.TC.NEC. Physical/mechanical control of invertebrate pests (vs no physical/mechanical control), n.e.c.
* 30.20.30.TT. Using a different method/tool for physical/mechanical control of invertebrate pests
* 30.20.30.TT.NEC. Using a different method/tool for physical/mechanical control of invertebrate pests, n.e.c.

**-- 30.30. Vertebrate pest control (e.g., birds and mammals)**

*30.30.10. Biological control of vertebrate pests (introducing biocontrol agents, not including plants)*

* 30.30.10.TC. Biological control of vertebrate pests (vs no biological control)
* 30.30.10.TC.10. Introducing biological control agents for vertebrate pests
* 30.30.10.TC.NEC. Biological control of vertebrate pests (vs no biological control), n.e.c.
* 30.30.10.TT. Using a different method/tool/species for biological control of vertebrate pests
* 30.30.10.TT.NEC. Using a different method/tool/species for biological control of vertebrate pests, n.e.c.

*30.30.20. Chemical control of vertebrate pests*

* 30.30.20.TC. Chemical control of vertebrate pests (vs no chemical control)
* 30.30.20.TC.10. Using a poison or mixture of poisons
* 30.30.20.TC.20. Using a chemical deterrent/repellent
* 30.30.20.TC.NEC. Chemical control of vertebrate pests (vs no chemical control), n.e.c.
* 30.30.20.TT. Using a different method/tool/chemical for chemical control of vertebrate pests
* 30.30.20.TT.10. Using a different amount of the chemical
* 30.30.20.TT.20. Using a different method of applying the chemical
* 30.30.20.TT.30. Using a different type of chemical or mixture of chemicals
* 30.30.20.TT.NEC. Using a different method/tool/chemical for chemical control of vertebrate pests, n.e.c.

*30.30.30. Physical/mechanical control of vertebrate pests*

* 30.30.30.TC. Physical/mechanical control of vertebrate pests (vs no physical/mechanical control)
* 30.30.30.TC.10. Excluding vertebrate pests from crops (e.g., netting or fencing)
* Fencing crops
* Netting crops
* 30.30.30.TC.20. Repelling vertebrate pests from crops
* Guarding crops
* Using bird scarers or other bird deterrents
* 30.30.30.TC.NEC. Physical/mechanical control of vertebrate pests (vs no physical/mechanical control), n.e.c.
* 30.30.30.TT. Using a different method/tool for physical/mechanical control of vertebrate pests
* 30.30.30.TT.NEC. Using a different method/tool for physical/mechanical control of vertebrate pests, n.e.c.

**-- 30.40. Weed control**

*30.40.10. Biological control of weeds (introducing biocontrol agents, not including plants)*

* 30.40.10.TC. Biological control of weeds (vs no biological control)
* 30.40.10.TC.10. Introducing biological control agents for weeds (including bioherbicides)
* 30.40.10.TC.NEC. Biological control of weeds (vs no biological control), n.e.c.
* 30.40.10.TT. Using a different method/tool/species for biological control of weeds
* 30.40.10.TT.NEC. Using a different method/tool/species for biological control of weeds, n.e.c.

*30.40.20. Chemical control of weeds*

* 30.40.20.TC. Chemical control of weeds (vs no chemical control)
* 30.40.20.TC.10. Using a herbicide or mixture of herbicides
* 30.40.20.TC.NEC. Chemical control of weeds (vs no chemical control), n.e.c.
* 30.40.20.TT. Using a different method/tool/chemical for chemical control of weeds
* 30.40.20.TT.10. Using a different amount of herbicide
* 30.40.20.TT.20. Using a different method of applying herbicide
* 30.40.20.TT.30. Using a different type of herbicide or mixture of herbicides
* 30.40.20.TT.NEC. Using a different method/tool/chemical for chemical control of weeds, n.e.c.

*30.40.30. Physical/mechanical control of weeds (also see "soil" for "tilling" and "mulching")*

* 30.40.30.TC. Physical/mechanical control of weeds (vs no physical/mechanical control)
* 30.40.30.TC.10. Cultivating (i.e. disturbing the surface of the soil to destroy weeds)
* 30.40.30.TC.20. Mowing (i.e. cutting down weeds)
* 30.40.30.TC.30. Weeding (i.e. uprooting weeds by hand)
* 30.40.30.TC.NEC. Physical/mechanical control of weeds (vs no physical/mechanical control), n.e.c.
* 30.40.30.TT. Using a different method/tool for physical/mechanical control of weeds
* 30.40.30.TT.10. Cultivating using machines (e.g., vs cultivating using hand tools)
* 30.40.30.TT.NEC. Using a different method/tool for physical/mechanical control of weeds, n.e.c.

**-- 30.NEC. Pathogen, pest, and weed management, n.e.c.**

**40. Non-crop habitat management in farmland**

**-- 40.10. Grazing in non-crop habitats**

*40.10.10. Excluding grazers from non-crop habitats*

* 40.10.10.TC. Excluding grazers from non-crop habitats (vs control)
* 40.10.10.TC.10. Fencing
* 40.10.10.TC.NEC. Excluding grazers from non-crop habitats (vs control), n.e.c.
* 40.10.10.TT. Excluding grazers from non-crop habitats using a different method/tool
* 40.10.10.TT.NEC. Excluding grazers from non-crop habitats using a different method/tool, n.e.c.

*40.10.20. Using grazers to manage non-crop habitats (i.e. introducing grazers)*

* 40.10.20.TC. Using grazers to manage non-crop habitats (vs control)
* 40.10.20.TC.NEC. Using grazers to manage non-crop habitats (vs control), n.e.c.
* 40.10.20.TT. Using grazers to manage non-crop habitats using a different method/tool/species
* 40.10.20.TT.10. Using a different type of grazer in non-crop habitats (e.g., traditional breeds)
* 40.10.20.TT.20. Using fewer grazers in non-crop habitats (i.e. lower stocking rates)
* 40.10.20.TT.30. Using less intensive grazing in non-crop habitats (e.g., seasonal grazing vs continuous grazing)
* 40.10.20.TT.NEC. Using grazers to manage non-crop habitats using a different method/tool/species, n.e.c.

**-- 40.20. Mowing in non-crop habitats**

*40.20.10. Mowing in non-crop habitats*

* 40.20.10.TC. Mowing in non-crop habitats (vs control)
* 40.20.10.TC.NEC. Mowing in non-crop habitats (vs control), n.e.c.
* 40.20.10.TT. Mowing in non-crop habitats using a different method/tool
* 40.20.10.TT.10. Mowing at a different time or with a different frequency
* 40.20.10.TT.20. Mowing closer to the ground
* 40.20.10.TT.30. Mowing using machines (e.g., vs mowing using hand tools)
* 40.20.10.TT.NEC. Mowing in non-crop habitats using a different method/tool, n.e.c.

**40.30. Planting non-crop species (e.g., buffer strips, flower strips, and hedgerows)**

*40.30.10. Planting in field margins or terrace edges (also see "intercropping/polyculture")*

* 40.30.10.TC. Planting in field margins or terrace edges (vs control)
* 40.30.10.TC.10. Planting buffer strips/contour strips (i.e. to reduce runoff/erosion)
* 40.30.10.TC.20. Planting flower strips (non-woody vegetation; i.e. as resources for wildlife)
* 40.30.10.TC.30. Planting hedgerows/shelterbelts/windbreaks (woody vegetation)
* 40.30.10.TC.NEC. Planting in field margins or terrace edges (vs control), n.e.c.
* 40.30.10.TT. Planting in field margins or terrace edges using a different method/tool/species

40.30.10.TT.NEC. Planting in field margins or terrace edges using a different method/tool/species, n.e.c.

*40.30.20. Planting in other non-crop habitats in farmland (e.g., riparian areas)*

* 40.30.20.TC. Planting in other non-crop habitats (vs control)
* 40.30.20.TC.NEC. Planting in other non-crop habitats (vs control), n.e.c.
* 40.30.20.TT. Planting in other non-crop habitats using a different method/tool/species
* 40.30.20.TT.NEC. Planting in other non-crop habitats using a different method/tool/species, n.e.c.

**-- 40.40. Providing resources for pollinators, natural pest-control species, and other wildlife**

*40.40.10. Providing food for wildlife (also see "planting flower strips")*

* 40.40.10.TC. Providing food for wildlife (vs control)
* 40.40.10.TC.10. Providing artificial honeydew (e.g., for hover flies)
* 40.40.10.TC.NEC. Providing food for wildlife (vs control), n.e.c.
* 40.40.10.TT. Providing food for wildlife using a different method/tool/food
* 40.40.10.TT.NEC. Providing food for wildlife using a different method/tool/food, n.e.c.

*40.40.20. Providing structures/features for wildlife*

* 40.40.20.TC. Providing structures/features for wildlife (vs control)
* 40.40.20.TC.10. Providing perches (e.g., for birds)
* 40.40.20.TC.20. Providing cavities (e.g., nest boxes)
* Providing bird boxes
* Providing bat boxes
* Providing nesting boards for bees
* 40.40.20.TC.30. Providing soil features for wildlife (e.g., beetle banks)
* Providing bare soil (e.g., for ground-nesting bees)
* Providing beetle banks
* 40.40.20.TC.40. Providing water features for wildlife (e.g., ponds)
* 40.40.20.TC.NEC. Providing structures/features for wildlife (vs control), n.e.c.
* 40.40.20.TT. Providing structures/features for wildlife using a different method/tool/material
* 40.40.20.TT.NEC. Providing structures for wildlife using a different method/tool/structure, n.e.c.

**-- 40.50. Retaining non-crop habitats in farmland**

*40.50.10. Retaining artificial habitats in farmland (e.g., old buildings or walls)*

* 40.50.10.TC. Retaining artificial habitats in farmland (vs control; e.g., vs destroying habitats)
* 40.50.10.TC.NEC. Retaining artificial habitats in farmland (vs control), n.e.c.
* 40.50.10.TT. Retaining artificial habitats in farmland using a different method/tool
* 40.50.10.TT.NEC. Retaining artificial habitats in farmland using a different method/tool, n.e.c.

*40.50.20. Retaining semi-natural habitats in farmland (e.g., forest fragments or riparian areas)*

* 40.50.20.TC. Retaining semi-natural habitats in farmland (vs control; e.g., vs clearing land for planting)
* 40.50.20.TC.NEC. Retaining semi-natural habitats in farmland (vs control), n.e.c.
* 40.50.20.TT. Retaining semi-natural habitats in farmland using a different method/tool
* 40.50.20.TT.NEC. Retaining semi-natural habitats in farmland using a different method/tool, n.e.c.

**-- 40.60. Restoring non-crop habitats in farmland (also see "landscaping", "planting in non-crop habitats", etc.)**

*40.60.10. Restoring artificial habitats in farmland (e.g., old buildings or walls)*

* 40.60.10.TC. Restoring artificial habitats in farmland (vs control)
* 40.60.10.TC.NEC. Restoring artificial habitats in farmland (vs control), n.e.c.
* 40.60.10.TT. Restoring artificial habitats in farmland using a different method/tool/material
* 40.60.10.TT.NEC. Restoring artificial habitats in farmland using a different method/tool/material, n.e.c.

*40.60.20. Restoring semi-natural habitats in farmland (e.g., forest fragments or riparian areas)*

* 40.60.20.TC. Restoring semi-natural habitats in farmland (vs control)
* 40.60.20.TC.NEC. Restoring semi-natural habitats in farmland (vs control), n.e.c.
* 40.60.20.TT. Restoring semi-natural habitats in farmland using a different method/tool/species
* 40.60.20.TT.NEC. Restoring semi-natural habitats in farmland using a different method/tool/species, n.e.c.

**-- 40.NEC. Non-crop habitat management, n.e.c.**

**50. Combined interventions, n.e.c.**

**-- 50.10. Integrated pest management, n.e.c.**

**-- 50.20. Integrated soil management, n.e.c.**

**-- 50.30. Organic farming, n.e.c.**

**-- 50.40. Precision farming, n.e.c.**

**-- 50.NEC. Combined interventions, n.e.c.**