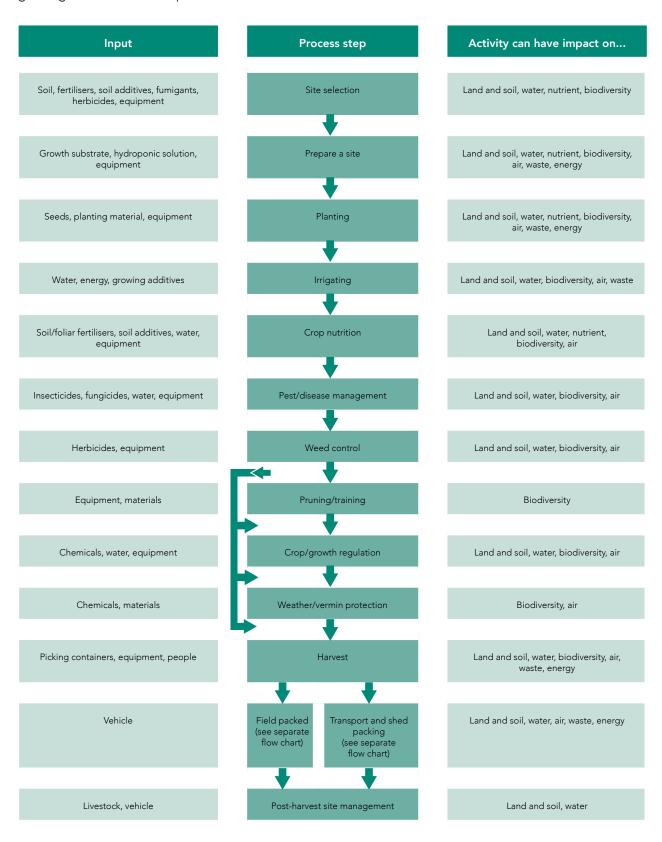


Process steps and inputs

Crop production - process flow

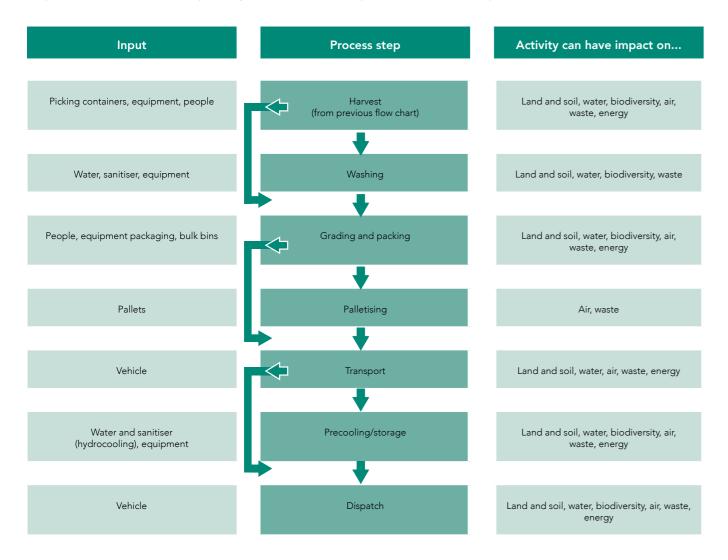
This diagram shows a flow of steps that may occur while growing crops in the ground, the inputs that could introduce an environmental impact and the areas in which processes may have an impact. In practice the steps do not follow a set order after planting and some steps are not required for all crops. For hydroponics, the nutrient solution and the root support medium are extra inputs. For nursery container production, pots and growing media are extra inputs.





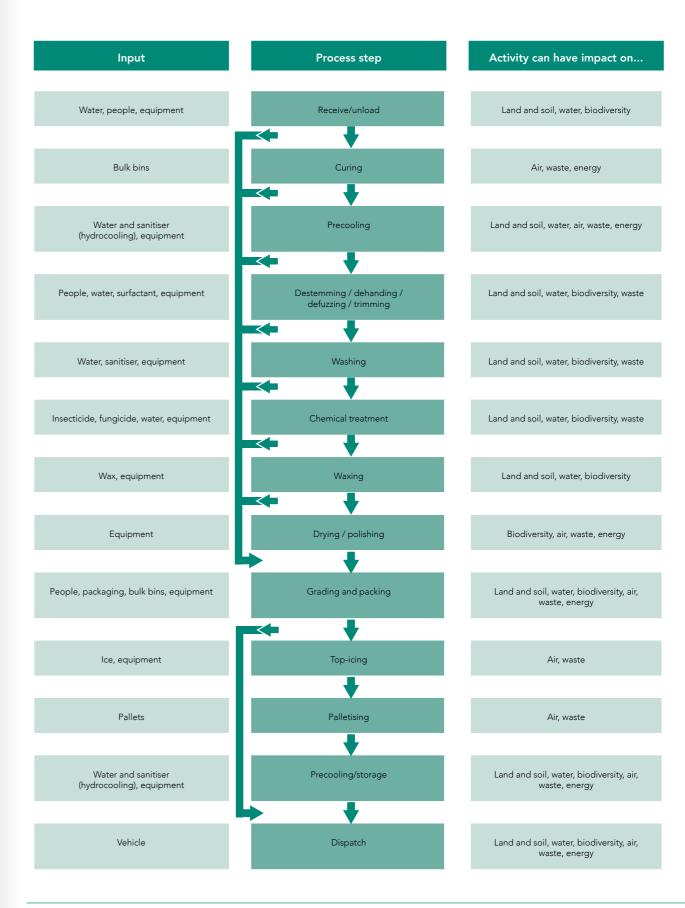
Field packing – process flow

This diagram shows a flow of steps that may occur during field packing of fresh produce and the inputs for each step that could introduce an environmental impact. Some steps are not required for all crops. For example, some crops are not washed before packing and others are not pre-cooled before dispatch.



Shed packing - process flow

This diagram shows a flow of steps that may occur during shed packing of fresh produce and the inputs for each step that could introduce a food safety hazard. The order and presence of steps varies with crops.







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Process steps and inputs - Nursery container production

Nursery container production – process flow

| Input | Process step | Activity can have impact on |
|---|----------------------------|---|
| Growing media, soil, fertilisers, soil additives, equipment | Source growing media | Water, nutrient, biodiversity |
| Equipment, growth substrate, herbicides, fumigants | Prepare media | Water, biodiversity, air, waste, energy |
| Seeds, planting material, equipment | Planting | Water, biodiversity, air, waste, energy |
| Water | Irrigating | Water, biodiversity, air, waste |
| Soil/foliar fertiisers, soil additives, water, equipment | Crop nutrition | Water, nutrient, biodiversity, air |
| Insecticides, fungicides, water, equipment | Pest / disease management | Water, biodiversity, air |
| Herbicides, equipment | Weed control | Water, biodiversity, air |
| Herbicides, insecticides, fungicides, water, equipment | Crop/growth regulation | Water, biodiversity, air |
| Chemicals, fertiliser, water, equipment | Re-pot (if required) | Land and soil, water, biodiversity, air |
| Equipment, vehicle | Transport to dispatch area | Air, waste, energy |
| People, packaging equipment | Package | Waste, energy |
| Vehicle | Dispatch | Land and soil, water, biodiversity, air, waste, energy |