



Checklist

The basic curriculum, practical training and accompanying lessons are given in the framework curriculum. The purpose of the checklist is to help the student and the farmer get an overview of what the trainee has learned and to provide suggestions for the work in the following training year. The checklist is part of the documents that the trainee receives at the beginning of the traineeship. At the end of the training year, the farmer and the trainee go through the checklist again, marking the intensity and quality of the activities with the following symbols and signing them:

- activity not carried out
- + activity was shown to the trainee
- ++ the activity has been practiced repeatedly
- +++ activity controlled and performed independently

Trainee:	
Trainee 1st year:	
Interview over internship development:	
	date
	Stamp and signature
Trainee 2nd year:	
Interview over internship development:	
	date
	Stamp and signature
Trainee 3rd year:	
Interview over internship development:	
	date
	Stamp and signature



For each training farm, a description of the farm must be prepared which should take into account the following points: farm size, rainfall, greenhouse area, storage and work rooms, composting area, roads, animal husbandry, staff, geographical location, climate, geological conditions and crops grown (see also diary of practise/internship).

1. Plant cultivation

Botany:

Activities and knowledge	1st year	2nd year	3rd year
Plant identification (agricultural crops, weeds)			
Czech and botanical names of plants			
Plants that indicate the condition of the soil (e.g. sorrel, thistle)			
Green manures and intercrops			
Recognising signs when nutrients are deficient			
Recognition of diseases and pests			
Recognition of poisonous plants			
Recognition of seeds and individual varieties and crops			

Vegetables:

Activities and knowledge	1st year	2nd year	3rd year
Season planning			
Growing own seedlings			
Direct sowing			
Sowing days			
Thinning (spiking)			
Planting in "quick pots"			
Seeding, planting			
Irrigation			
Work on individual plants (e.g. grafting of tomatoes)			
Reproduction of agricultural crops (cuttings)			
Harvesting			
Sorting, Packing, Presenting			
Storage, Harvesting in winter			
Cleaning and preparation of vegetables			

Crop production:

Activities and knowledge	1st year	2nd year	3rd year
Season planning			



Sowing practices			
Preparing the seed drill for sowing			
Pre-sowing preparation			
Seeding calculation and subsequent sowing			
Mowing/Milling (grain)			
Drying/Cleaning/Storage (grain)			

Root crops and field vegetables:

Activities and knowledge	1st year	2nd year	3rd year
Soil preparation before planting			
Preparing the seed drill for sowing			
Preparing the planter machine for sowing			
Hoeing/weeding/unifying			
Harvesting/Storage			
Beet			
Maize			
Potatoes			

Permanent grassland:

Activities and knowledge	1st year	2nd year	3rd year
Threading/rolling/boarding			
Mower setting, mowing			
Turning/Gathering			
Loading and baling			
Drying			
Silage preparation			
Pasture fencing			

Herbs:

Activities and knowledge	1st year	2nd year	3rd year
Planting and sowing			
Aftercare			
Harvesting			
Drying			
Subsequent processing			
Usage			



Fruit growing:

Activities and knowledge	1st year	2nd year	3rd year
Fertilisation and soil care on field			
Pruning fruit trees			
Coating + Spraying			
Harvesting			
Storage, Care, Processing			

Forest/forestry:

Activities and knowledge	1st year	2nd year	3rd year
Planting			
Care			
Timber quality assessment			
Proper planting of coppice			
Care of the coppice			

Own seed:

Activities and knowledge	1st year	2nd year	3rd year
Sowing and planting			
Care			
Harvesting			
Cleaning and storage			
Documentation			

2. Individual agricultural crops

Field and vegetable plants:

Activities and knowledge	1st year	2nd year	3rd year
Beans, Broad beans			
Peas			
Cauliflower			
Broccoli			
Chinese cabbage			
Curly kale			
Brussels sprouts			
Cabbage			
Kohlrabi			



Pumpkin			
Courgette			
Onion			
Leak			
Carrot			
Parsnip			
Celery			
Radishes			
Beetroot			
Mangold			
Spinach			
Lettuce			
Chickory			
Field sprouts			

Plants in the greenhouse:

Activities and knowledge	1st year	2nd year	3rd year
Cucumber			
Tomatoes			
Peppers			
Lettuce			
Kohlrabi			
Herbs			

Perennial and semi-perennial plants:

Activities and knowledge	1st year	2nd year	3rd year
Berries (raspberries, cranberries)			
Berries			
Fruits with seeds (PECKOVINY)			
Strawberry			
Rhubarb			
Asparagus			



Others:

Activities and knowledge	1st year	2nd year	3rd year
Oil crops (rape, flax)			
Clovers and Clover grasses			
Alternative crops (spelt, buckwheat)			

3. Technology

Activities and knowledge	1st year	2nd year	3rd year
Greenhouses (types)			
Irrigation techniques			
Heating technologies			
Ventilation and shading systems			
Work safety and protection principles			
Harvesting technology			
Cooling technology			
Technology and conservation			
Aftercare and repair			
Greenhouse Repair (Glass and Foil)			

4. Soil treatment

Manual:

Activities and knowledge	1st year	2nd year	3rd year
Engraving			
Digging			
Weeding/Hoeing			
Aerating the ground (Broad-fork etc.)			
Rolling			
Tool care/Repair			

Engineering:

Activities and knowledge	1st year	2nd year	3rd year
Ploughing			
Traction			
Milling			
Rolling			
Weeding, Grooving			



Tractor control			
Tractor care (oil change, lubrication, air filter)			
Wheel replacement (tubes, tyres)			
Coupling agricultural machinery to the tractor			
Agricultural machinery care			

5. Manure/fertiliser care and fertilisation

Activities and knowledge	1st year	2nd year	3rd year
Manure management			
Urea/ Urea fertilisation			
Compost leachate (Production and use)			
Compost preparation			
Assessing of compost maturity			
Preparing compost with compost preparations			
Fertilizing with compost			
Collection of herbs for compost preparations and storage			
Production of biodynamic preparations			
Spraying with biodynamic preparations			
Additional fertilisers and supplements			
Control of manure spreading machine			
Spreading of other fertilisers (lime)			

6. Livestock breeding

Cattle:

Activities and knowledge	1st year	2nd year	3rd year
Childbirth, calf care			
Follow-up care and feeding of cattle (calculation of feed ration)			
Summer feeding, grazing			
Winter feeding planning, stall rearing			
Dairy cattle, milking			
Meat cattle			
Animal evaluation, welfare			
Cattle breeding			
Animal health, Medicines			



Pigs:

Activities and knowledge	1st year	2nd year	3rd year
Farrowing, care of piglets			
Aftercare and feeding (calculation of ration)			
Grazing and paddock			
Pig breeding			
Animal health, Medicines			

Poultry:

Activities and knowledge	1st year	2nd year	3rd year
Hatching and aftercare			
Feeding (ration calculation)			
Grazing			
Raising laying hens			
Raising hens for meat			
Health, Medicines			

Sheeps and goats:

Activities and knowledge	1st year	2nd year	3rd year
Giving birth, care of lambs and kids			
Aftercare, feeding (calculation of ration)			
Grazing			
Health, Medicines			

Horses:

Activities and knowledge	1st year	2nd year	3rd year
Giving birth, foal care			
Aftercare, feeding (calculation of ration)			
Grazing			
Working with horses			
Health, Medicines			

Bees:

Activities and knowledge	1st year	2nd year	3rd year
Care and feeding of the colony			
Honey harvest			
Health, Medicines			



7. Workshops and hand tools

Activities and knowledge	1st year	2nd year	3rd year
Cutting, riveting, drilling, filing			
Grinding, sharpening			
Welding			

8. Work safety

Activities and knowledge	1st year	2nd year	3rd year
Building security			
Operational safety when operating machinery and equipment			
Waste (engine oil)			
Fire protection			
Behaviour in the event of an accident			

9. Processing + Sales

Activities and knowledge	1st year	2nd year	3rd year
Milk processing			
Slaughtering, meat processing			
Bread baking			
Direct sales			
Accounting + delivery notes			

10. Man and work

Activities and knowledge	1st year	2nd year	3rd year
Workplace preparation (ergonomics)			
Work planning and coordination			
Teamwork			
Working with pupils or the disabled			