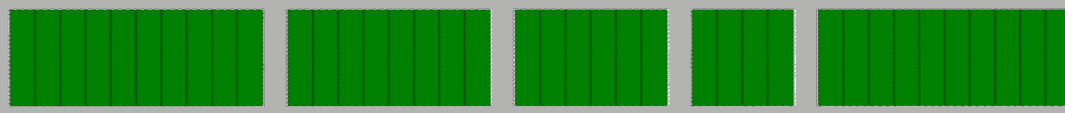
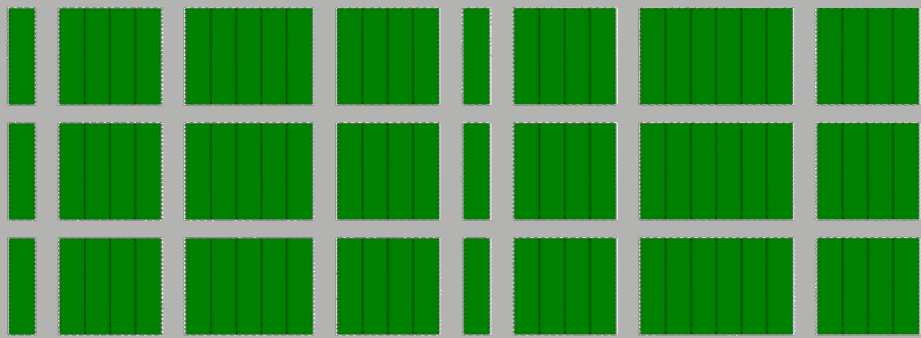
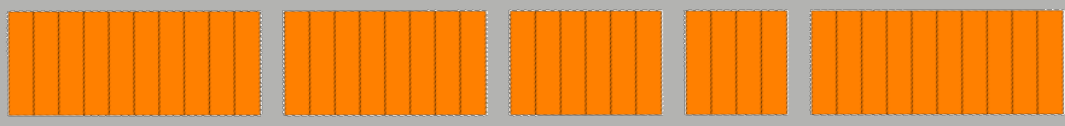
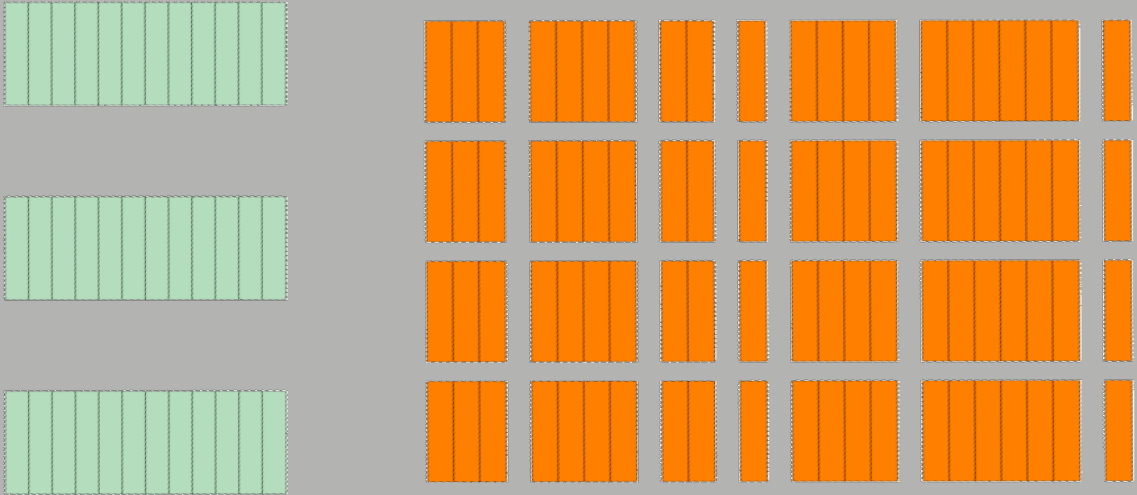
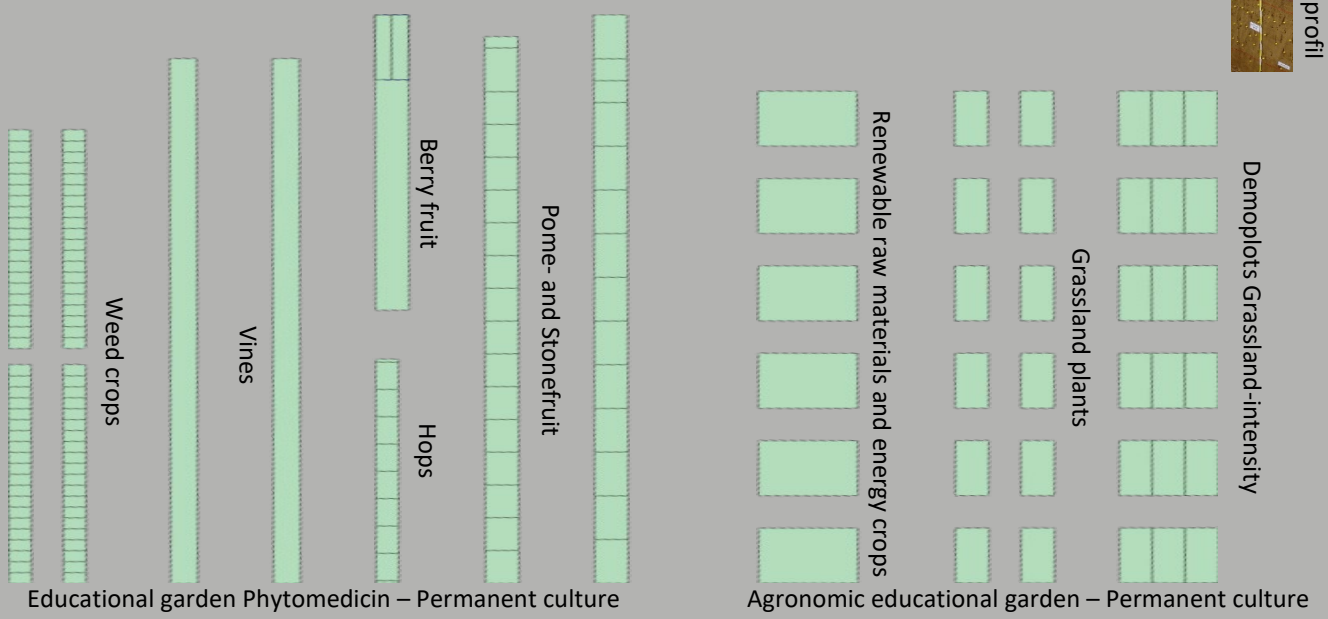
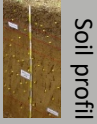
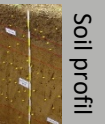


# Overview Educational garden of Agriculture Sciences

The areas of arable crops and catch crops  
Are rotated annually.



# Educational garden of Agriculture Sciences

## Agronomic educational garden 2021/2022

Oil-rich  
grains  
Winter forms

Wi-rape Sherlock (Line)

Wi-rape RGT Cadran (Hybrid)

Wi-rape Ivo KWS (Hybrid)

Carbohydrate-rich  
grains  
Winter forms

Wi-oat KWS Snowbird  
Wi-rye Inspector (Population)  
Wi-wheat SU Hymalaya (Hybrid)  
Wi-durum wheat Wintergold  
Emmer Ally  
Einkorn Monomax

Wi-malting barley Zophia 2-row  
Wi-malting barley Rossignola 6-row  
Wi-wheat KWS Keitum C  
Wi-wheat RGT Ponticus E  
Emmer Späths Albijuwel  
Einkorn Monoverde

Wi-feed barley Bordeaux 2-row  
Wi-feed barley SU Midnight 6-row  
Wi-triticale SU Casparus  
Wi-awned wheat KWS Ultim A  
Wi-malting wheat Rumor A  
Wi-spelt Oberkulmer Rotkorn

Carbohydrate-rich  
grains  
Spring forms

Oat black hulled Zorro  
Spring rye Arantes  
Spring triticale Dublet  
Teff  
Teff

Oat yellow hulled Lion  
Spring feed barley Applaus  
Spring wheat KWS Carusum E  
Khorasan wheat (kamut)  
Quinoa

Oat white hulled Symphony  
Spring malting barley Accordine  
Spring durum wheat Durallis  
Khorasan wheat (kamut)  
Amaranth

Buckwheat  
Buckwheat

Sorghum RGT Amiggo  
Maize Benedictio KWS

Sorghum KWS Lupus (Bicolor)  
Maize KWS Otto

Oil-rich  
grains  
Spring forms

Sunflower RGT Lincoln  
Chia Juana  
Chia

False flax Zuzuma  
Safflower  
Safflower

Spring rape Mirakel  
Oil linseed Lirina  
Oil linseed Serenade

Protein-rich  
grains

Soy bean Antigua  
Lentil+ Oat

Pea Tip  
Field bean Birgit

White lupin Frieda  
Blue lupin Probor branched

Root and tuber  
crops

**Potato Karelia**  
Sugar beet Calledia KWS  
Oil radish Baracuda

**Potato Red Sonia**  
Energie-Fodder beet Caribou  
Turnip Polybra

**Potato Venezia**  
Fodder beet Feldherr  
Fodder Pavla

Forage crops

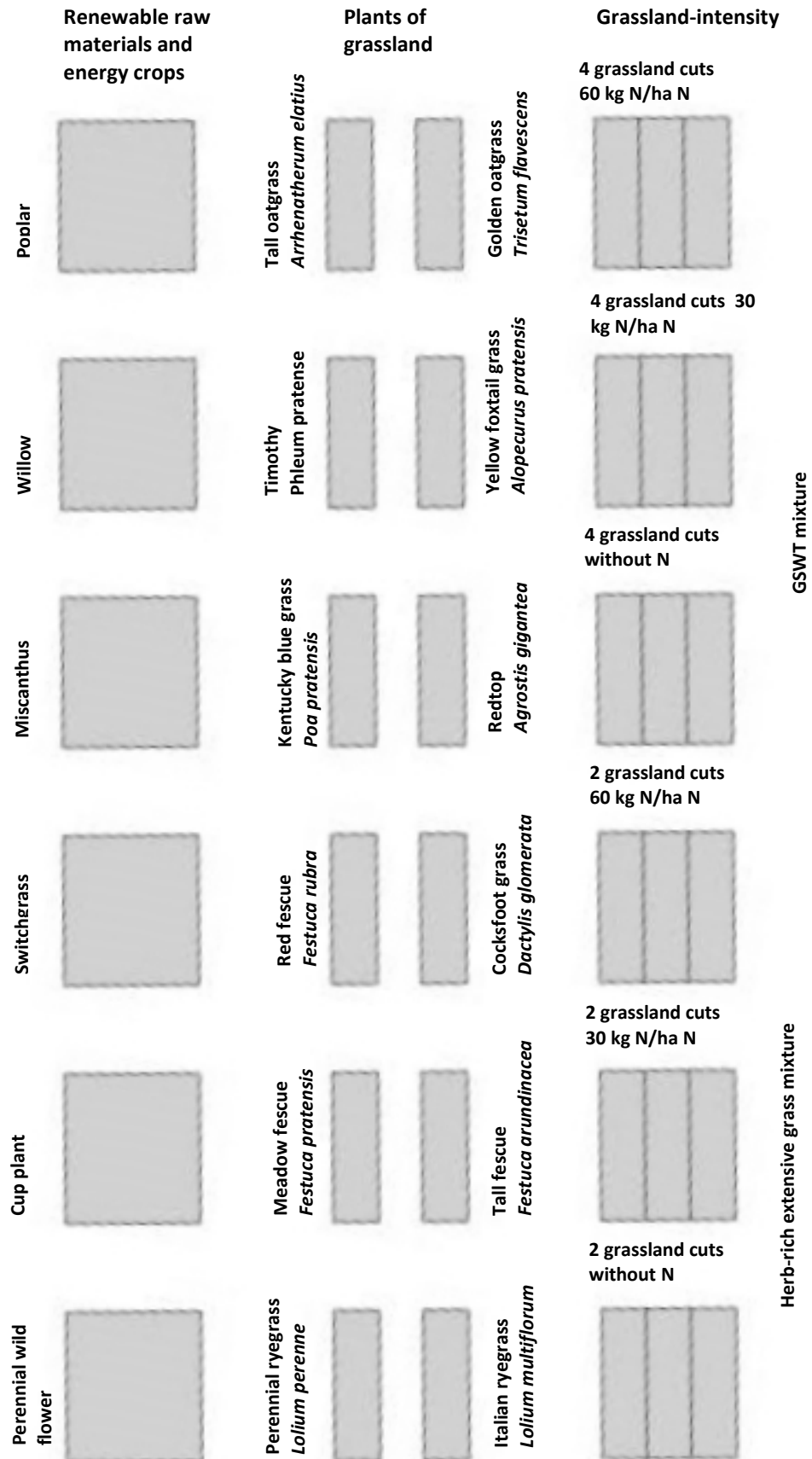
Clover-grass mixtures  
White clover-Perennial ryegrass  
Clover-grass mixtures  
Red clover-Italian ryegrass  
Alfalfa  
Red clover Blizzard

Berseem Winner  
Persian clover Laser  
Crimson clover Heusens Ostsaat  
White clover Bombus

Summer – Common vetch  
Ebena  
Sainfoin  
Alsike clover Aurora  
Black medick Ekola



Renewable raw materials and energy crops  
 Plants of the grassland  
 Demoplots Grassland-intensity

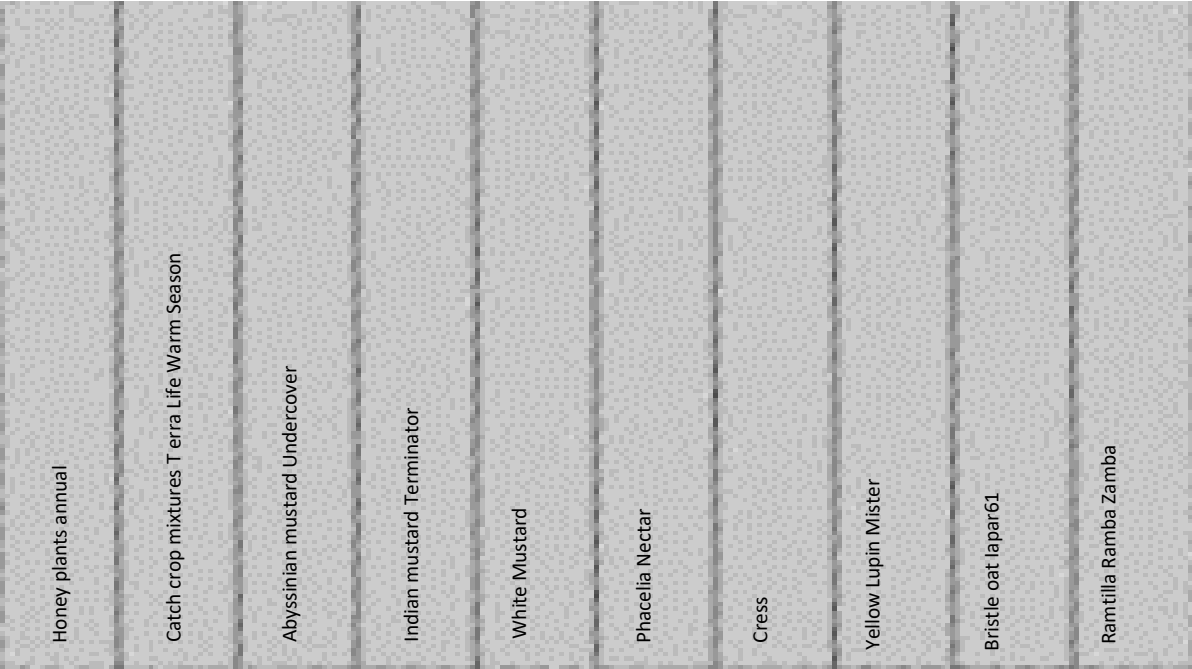


GSWT mixture

Herb-rich extensive grass mixture



Catch Crops



Educational garden of Agriculture Sciences  
Educational garden Phytomedicine 2021/2022

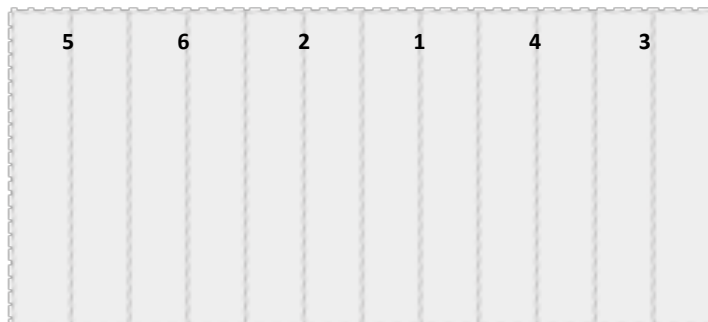


Wi-rape RGT Trezzor (Hybrid) treated
Wi-rape RGT Trezzor (Hybrid) not treated
Wi-malting barley KWS Donau 2-row treated
Wi-malting barley KWS Donau 2-row not treated
Wi-rey KWS Trebiano Hybrid treated
Wi-rey KWS Trebiano Hybrid not treated
Wi-wheat KWS Emerick E treated
Wi-wheat KWS Emerick E not treated
Wi-spelt Zollerperle treated
Wi-spelt Zollerperle not treated
Wi-Faba bean Augusta treated
Wi-Faba bean Augusta not treated
Pea Dexter treated
Pea Dexter not treated
Soybean Antigua treated
Soybean Antigua not treated
Maize KWS Otto treated
Maize not KWS Otto treated
SunflowerVellox treated
Sunflower Vellox not treated
Sugar Beet Annarosa KWS treated
Sugar Beet Annarosa KWSnot treated
Potato Giorietta treated
Potato Giorietta not treated
Su-Barley KWS Jessie treated
Su-Barley KWS Jessie not treated
Oat Magellan treated
Oat Magellan not treated



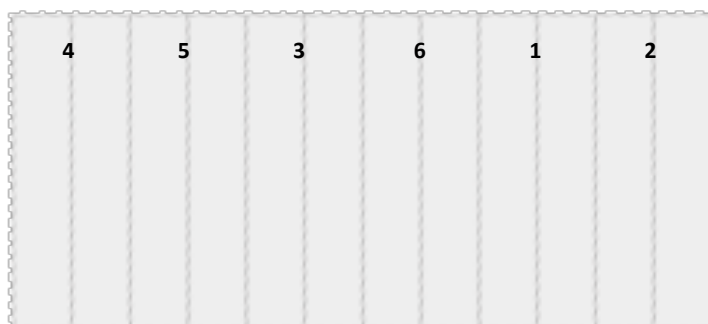
**Block 1 – Maize P 8255 FAO: SM 240 / Corn 240**

without lime      no fertilisation      without nitrogen      full fertilisation      without Potassium      without Phosphorus



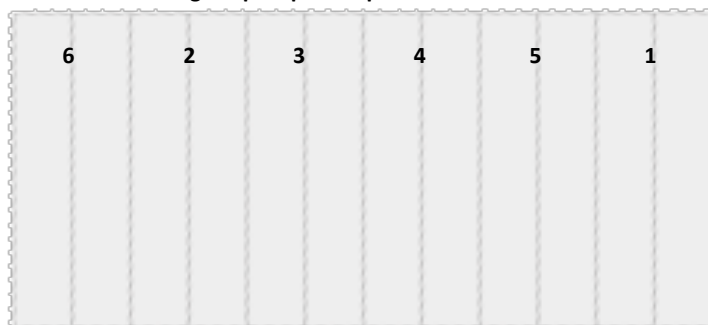
**Block 2 – Winter wheat RGT Ponticus E**

without potassium      without lime      without phosphorus      no fertilisation      full fertilisation      without nitrogen



**Block 3 – Winterrape RGT Trezzor (Hybrid)**

no fertilisation      without nitrogen      without phosphorus      without potassium      without lime      full fertilisation



## Educational garden of Agriculture Sciences

### Educational garden Phytomedicin 2021/22

#### Weed crops

Perennial species

Endangered

Summer annual

Winter annual species

Globally important weeds



Japanese bloodgrass (*Imperata cylindrica*)

Jointed goatgrass (*Aegilops cylindrica*)

Indian goosegrass (*Eleusine indica*)

Field larkspur (*Consolida regalis*)

Summer adonis (*Adonis aestivalis*)

Corn marigold (*Glebionis segetum*)

Garden Cornflower (*Centaurea cyanus*)

Corn cockle (*Agrostemma githago*)

Bastard alkanet (*Buglossoides arvensis*)

Hare's-ear (*Bupleurum rotundifolium*)

Hedge bindweed (*Calystegia sepium*)

Creeping Crowfoot (*Ranunculus repens*)

Bitter dock (*Rumex optusifolius*)

Curled dock (*Rumex crispus*)

Quitch grass (*Elymus repens*)

Field horsetail (*Equisetum arvense*)

Chufa (*Cyperus esculentus*)

Field bindweed (*Convolvulus arvensis*)

Field thistle (*Cirsium arvense*)

Common dandelion (*Taraxacum officinale*)

Field pansy (*Viola arvensis*)

Common field speedwell (*Veronica persica*)

Ivyleaf speedwell (*Veronica hederifolia*)

Goosegrass (*Galium aparine*)

Cheat (*Bromus secalinus*)

Red poppy (*Papaver rhoeas*)

Common fumitory (*Fumaria officinalis*)

Purple dead-nettle (*Lamium purpureum*)

Annual meadow-grass (*Poa annua*)

Barren brome (*Bromus serilis*)

Field brome (*Bromus arvensis*)

Loose silky bentgrass (*Apera spica-venti*)

Slender Foxtail (*Alopecurus myosuroides*)

Tumble mustard (*Sisymbrium altissimum*)

Tansy mustard (*Descurainia sophia*)

Shepherd's purse (*Capsella bursa-pastoris*)

Scentless false mayweed (*Matricaria inodora*)

Disk mayweed (*Matricaria discoidea*)

Cut-leaved cranesbill (*Geranium dissectum*)

Charlock (*Sinapis arvensis*)

Common comfrey (*Symphytum officinale*)

Johnson grass (*Sorghum halepense*)

Sorghum (*Sorghum bicolor*)

Redroot Amaranth (*Amaranthus retroflexus*)

Common nipplewort (*Lapsana communis*)

Common orache (*Atriplex patula*)

White goosefoot (*Chenopodium album*)

Shaggy soldier (*Galinsoga ciliata*)

Gallant soldier (*Galinsoga parviflora*)

Field sow-thistle (*Sonchus arvensis*)

Ivy-leaved morning glory (*Ipomoea hederaceae*)

Annual mercury (*Mercurialis annua*)

Common wild oat (*Avena fatua*)

Crabgrass (*Digitaria sanguinalis*)

Barnyard grass (*Echinochloa crus-galli*)

Golden foxtail (*Setaria glauca*)

Green bristlegrass (*Setaria viridis*)

Common hemp-nettle (*Galeopsis tetrahit*)

Velvetleaf (*Abutilon theophrasti*)

Hairy tare (*Vicia hirsuta*)

Knotgrass (*Polygonum arviculare*)

Black bindweed (*Fallopia convolvulus*)

Pale Knotweed (*Polygonum lapathifolia*)

Redshank (*Persicaria maculosa*)

Purslane (*Portulaca oleracea*)

Scarlet pimpernel (*Anagallis arvensis*)

Thorn apple (*Datura stramonium*)

Black nightshade (*Solanum nigrum*)

Fool's parsley (*Aethusa cynapium*)

Stinging nettle (*Urtica dioica*)

Common groundsel (*Senecio vulgaris*)

Field mint (*Mentha arvensis*)

Proso millet (*Panicum milaceum*)

Field myosotis (*Myosotis arvensis*)

Stinkweed (*Thlaspi arvense*)

Common chickweed (*Stellaria media*)

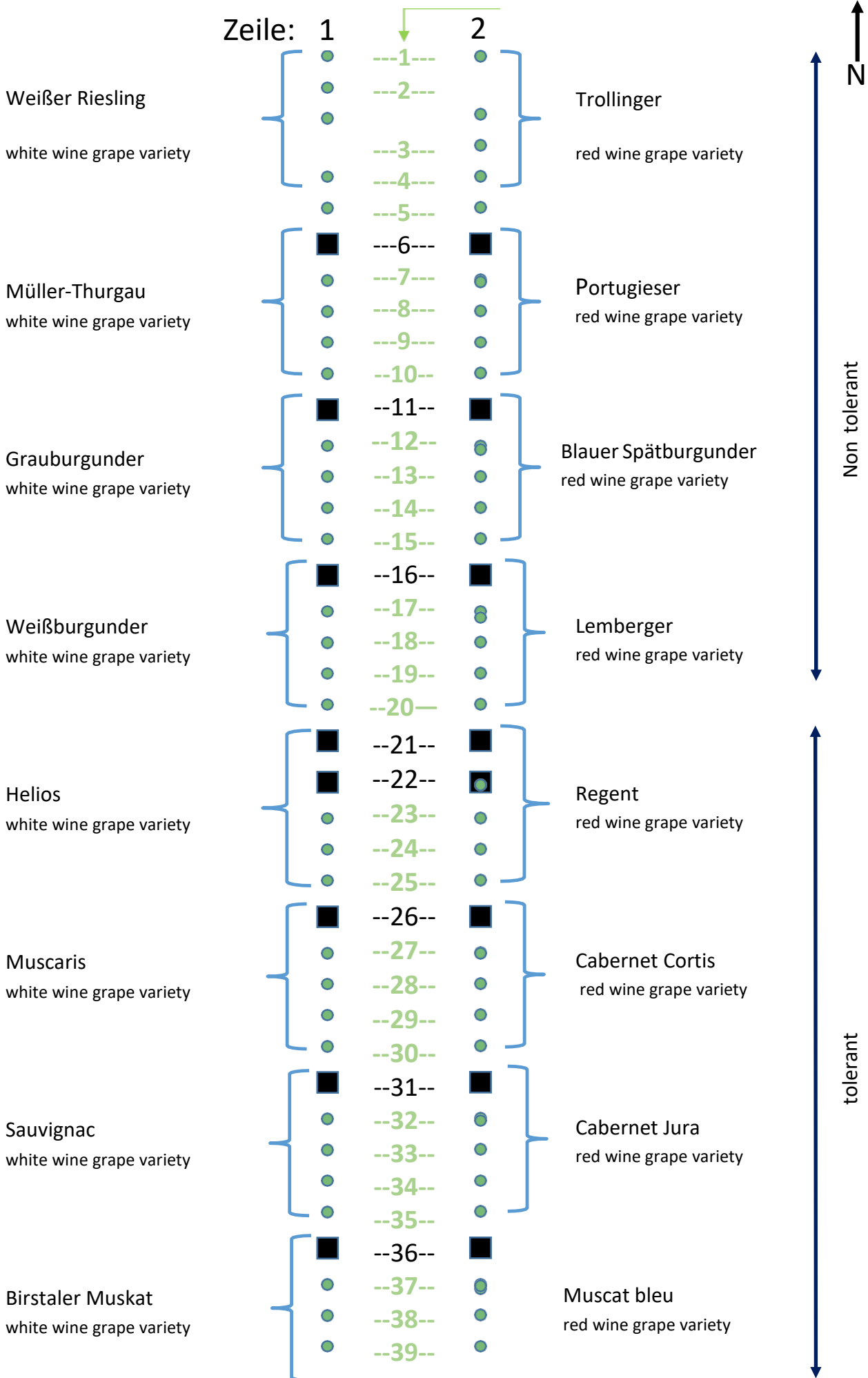
Corn chamomile (*Athemis avensis*)

Chamomile (*Matricaria chamomilla*)

Jointed charlock (*Rhaphanus raphanistrum*)

Henbit dead-nettle (*Lamium amplexicaule*)

# Educational garden of Agriculture Sciences – Special culture - Vines







**Northern Brewer**

**Huell Melon**

**Herkules**

**Gimmler**

**Tettnanger**

**Polaris**

**Callista**

**Diamant**

**Gimmler**

**Huell Melon**

**Callista**

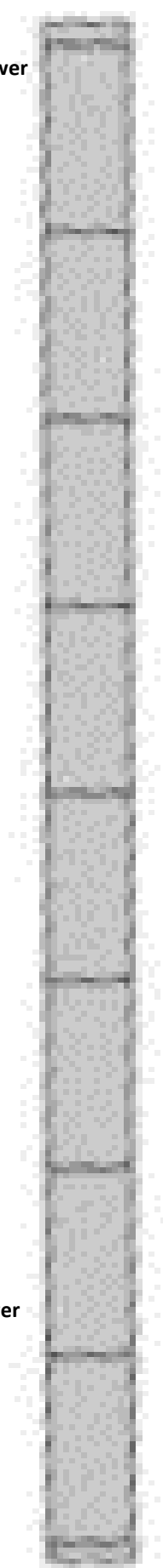
**Tettnanger**

**Diamant**

**Northern Brewer**

**Herkules**

**Polaris**





	<b>Black currant</b> <b>Tenoh</b>
	<b>Black currant</b> <b>Titania</b>
	<b>Red currant</b> <b>Rovada</b>
	<b>Red currant</b> <b>Jonkher van Tets</b>
	<b>White currant</b> <b>Weiße Versailler</b>
	<b>Gooseberry Hinomäki</b>
	<b>Gooseberry Invicta</b>
	<b>Gooseberry Captivator</b>
	<b>Blackberry Loch Ness</b>
	<b>Blackberry</b>
	<b>Raspberry Autumn Bliss</b>
	<b>Raspberry Himbo Top</b>
	<b>Raspberry Ellida</b>

**Educational garden of Agriculture Sciences  
Pome- und Stone fruit 2020/2021**



**Stone fruit**

**Pome fruit**

**Apple Topaz**

**Apple Golden Delicious**

**Apple Gala**

**Apple Wellant**

**Apple Cox Orange**

**Apple Idared**

**Apple Natyra**

**Apple Topaz**

**Apple Fuji**

**Apple Elstar**

**Apple Glockenapfel**

**Apple RubINETTE**

**Apple Braeburn**

**Pear Xenia**

**Pear Conference**

**Pear Williams Christ**

**Pear Gräfin Gepa**

**Cherry Adelise**

**Cherry Kordia**

**Cherry Grace Star**

**Cherry Regina**

**Cherry yellow Stardust**

**Sour cherry Schattenmorelle**

**Plum Hanita**

**Plum Haus-Zwetschge**

**Plum Topfive**

**Mirabelle Nancy**

**RenecLAUDE**

**Quince**

**Nectarine Diamond Bright**

**Apricot Orangered**