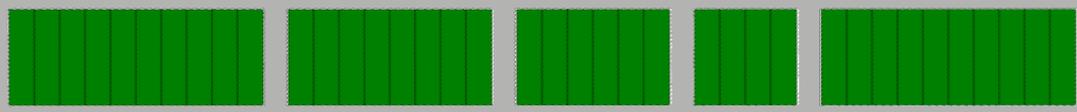
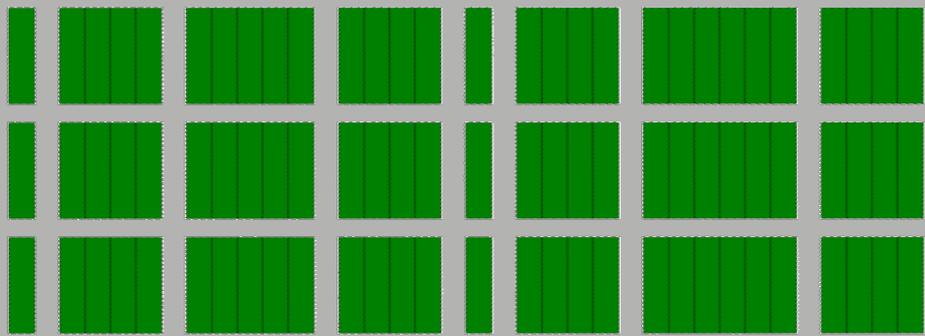
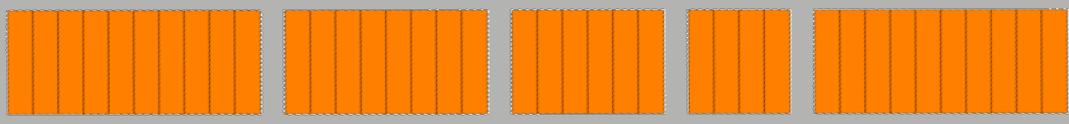
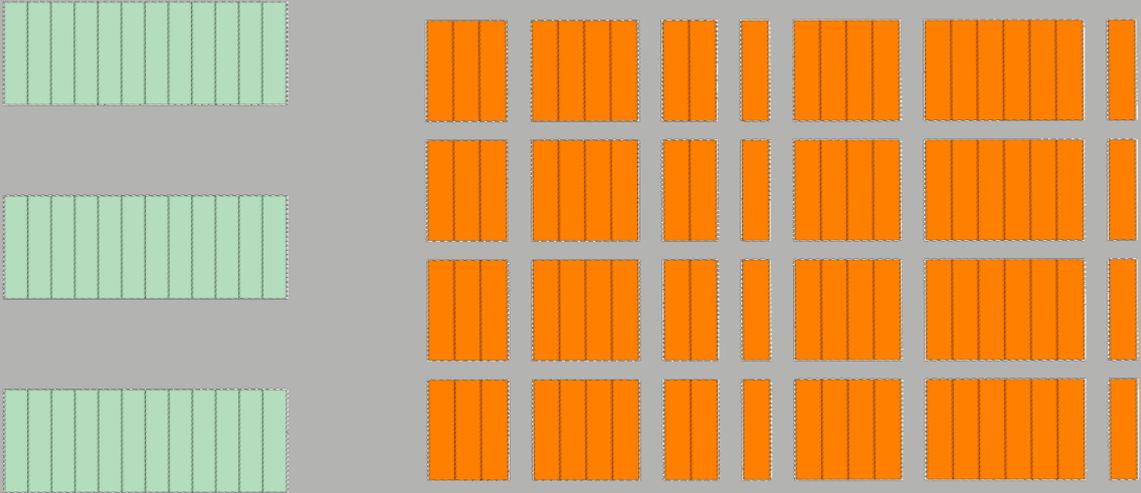
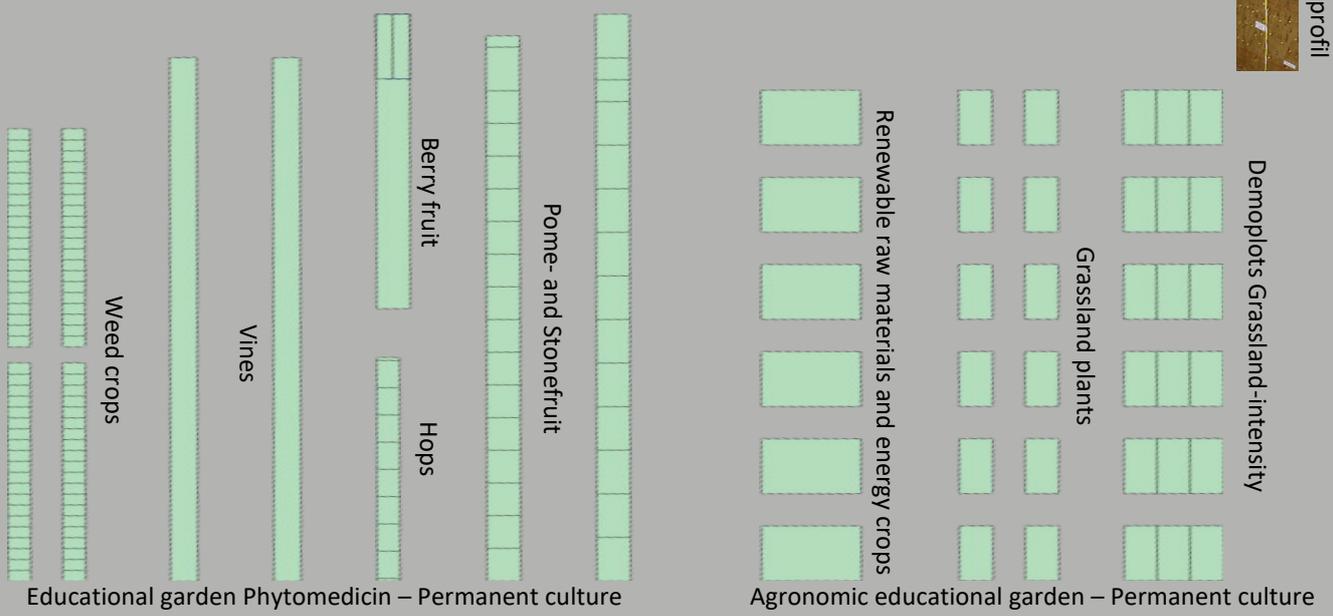


# Overview Educational garden of Agriculture Sciences

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



Education garden Nutrient removal

Agronomic educational garden - Arable crops

Catch crops

Educational garden Phytomedicin – Arable crops

Agronomic educational garden - Arable crops

Catch crops

Educational garden Phytomedicin - Arable crops

Educational garden of Agriculture Sciences  
Agronomic educational garden 2025/2026



Forage crops

Oil-rich grains  
Spring forms

Carbohydrate-rich grains  
Spring forms

Carbohydrate-rich grains  
Winter forms

Oil-rich grains  
Winter forms

Protein-rich grains

Vegetables

Root and tuber crops

Red clover Tempus
Alsike clover Lomiai

Chia Juana
---------------

Sorghum KWS Lupus
----------------------

Buckwheat
Buckwheat
Spring durum wheat Duralis
Oat black hulled Zorro

Einkorn Monomax
Emmer Roter Heidfelder
Winter wheat B KWS Ultim (awned)
Wintertriticale Bilboquet
Wi-malting barley KWS Faro mz

Wi-rape Randy (Linie)
--------------------------

Soy bean Arnold
Chickpea Kira

White Cabbage
Red Cabbage

Marrow-stem kale Inka
--------------------------

Persian clover Pasat
Black medick Ekola

Sunflower RGT Lincoln
--------------------------

Sorghum KWS Kallisto
-------------------------

Teff
Spring wheat KWS Carusum E
Khorasan wheat (kamut)
Oat white hulled Scotty

Einkorn Monoverde
Emmer Späths Aljuwel
Winter wheat B SU Mangold (with brewing suitability)
Wi-rye SU Erling (Hybrid)
Wi-malting barley KWS Donau zz

Wi-rape Arabella (Linie)
-----------------------------

Field bean Callas
Lentil+ Oat Amicia

Iceberg Lettuce
--------------------

<b>Potato</b> <b>Karelia</b>
Sugar beet Callelia KWS

<u>Beerseem clover</u> Winner
Crimson clover Heusens Ostsaat

Safflower Salem
Oil linseed Balance

Maize KWS Adamo
-----------------

Amaranth Bärenkrafft
Spring wheat Jordum B
Spring triticale SU Carl
Oat yellow hulled Lion

Einkorn Monoverde
Emmer Späths Aljuwel
Winter wheat (white) Alabaster
Wi-rye Dukato(Population)
Wi-feed barley Winnie mz

Wi-rape KWS Ambros (Hybrid)
--------------------------------

Field bean Birgit
Pea Texas

Bulb onion Carott
----------------------

<b>Potato</b> <b>Red Sonja</b>
Fodder beet Feldherr

Summer Common vetch Ebena
Alfalfa Plato

Spring rape Cleopatra
False flax Caroline

Maize KWS Gustavius
---------------------

Quinoa Titicaca
Spring wheat Quintus A
Spring rye Ovid
Spring feed barley KWS Jessie

Winter spelt Zollernft
Winter durum wheat Wintergold
Winter wheat B SU Hybingo (Hybrid)
Wi-oat KWS Snowbird
Wi-feed barley SU Laubella zz

Wi-rape Ambassador (Hybrid)
--------------------------------

White lupin Victory
Blue lupin Carabor branched

Beetroot
----------

<b>Potato</b> <b>Emiliana</b>
Energie-Fodder beet Ribambelle



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

	Renewable raw materials and energy crops	Plants of grassland	Grassland-intensity
Poplar		Tall oatgrass <i>Arrhenatherum elatius</i>	4 grassland cut 2* 60 kg N/ha N 
Willow		Timothy <i>Phleum pratense</i>	4 grassland cut 2* 30 kg N/ha N 
Miscanthus		Kentucky blue grass <i>Poa pratensis</i>	4 grassland cut ohne N 
Switchgrass		Red fescue <i>Festuca rubra</i>	2 grassland cut 2* 60 kg N/ha N 
Cup plant		Meadow fescue <i>Festuca pratensis</i>	2 grassland cut 2* 30 kg N/ha N 
Perennial wild flower mixture		Perennial ryegrass <i>Lolium perenne</i>	2 grassland cut ohne N 
		Golden oatgrass <i>Trisetum flavescens</i>	
		Meadow foxtail <i>Alopecurus pratensis</i>	
		Cocksfoot grass <i>Dactylis glomerata</i>	
		Tall fescue <i>Festuca arundinacea</i>	
		Hybris ryegrass <i>Lolium x hybridum</i>	
		Italian Ryegrass <i>Lolium multiflorum</i>	

GSWT mixture

Herb-rich extensive grass mixture



Abyssinian mustard Undercover
Indian mustard Terminator
Phacelia Nectar
Cress
Yellow lupin Mister
Bristle oat Rhino
Ramtilla Ramba Zamba
Catch crop mixture Terra Gold Hot Summer
Catch crop mixture Terra Gold Bee Feast

Educational garden of Agriculture Sciences  
Educational garden Phytomedicine 2025/2026

So-barley Sting treated
So-barley Sting untreated
Oat Magellan treated
Oat Magellan untreated

Wi-Dinkel Späths Albrubin behandelt
Wi-Dinkel Späths Albrubin unbehandelt
Wi-Weizen Chevignon behandelt
Wi-Weizen Chevignon unbehandelt
Wi-rye KWS Serafino Hybrid behandelt
Wi-rye KWS Serafino Hybrid unbehandelt
Wi-feed barley California zz behandelt
Wi-feed barley California zz unbehandelt

Wi-rape LG Auckland (Hybrid) treated
Wi-rape LG Auckland (Hybrid) untreated

Wi-Pea Feroe treated
Wi-Pea Feroe untreated
Wi-Faba bean Augusta treated
Wi-Faba bean Augusta untreated
Soybean Arnold treated
Soybean Arnold untreated

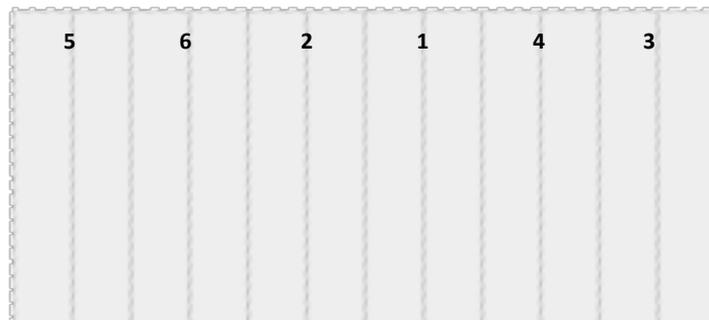
Maize Ricardinio treated
Maize Ricardinio untreated
Sunflower Vollter SU treated
Sunflower Vollter SU untreated
Sugar beet Jelle treated
Sugar beet Jellera KWS untreated
Potato Glorietta treated
Potato Glorietta untreated





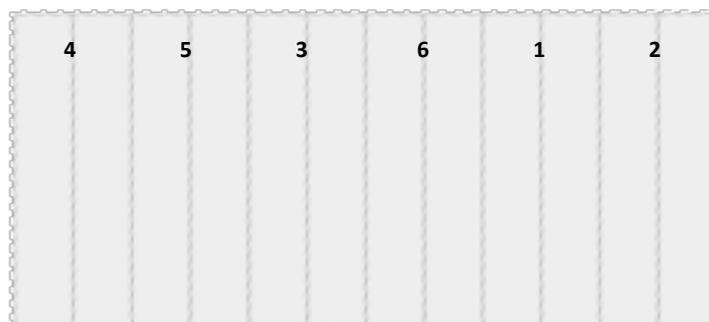
**Block 1 – Winter wheat Chevignon**

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



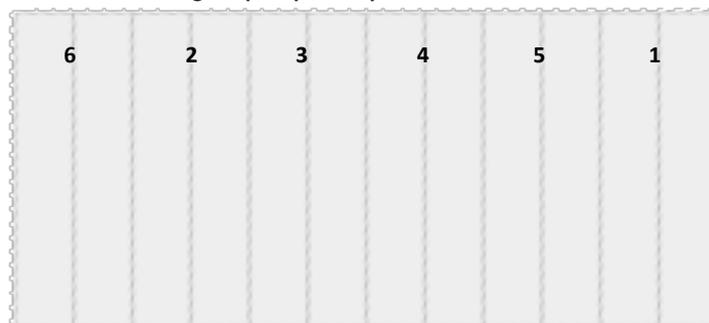
**Block 2 – Winter rape KWS Ambos**

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



**Block 3 – Maize**

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



## Educational garden of Agriculture Sciences

### Educational garden Phytomedicin 2025/26 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*)

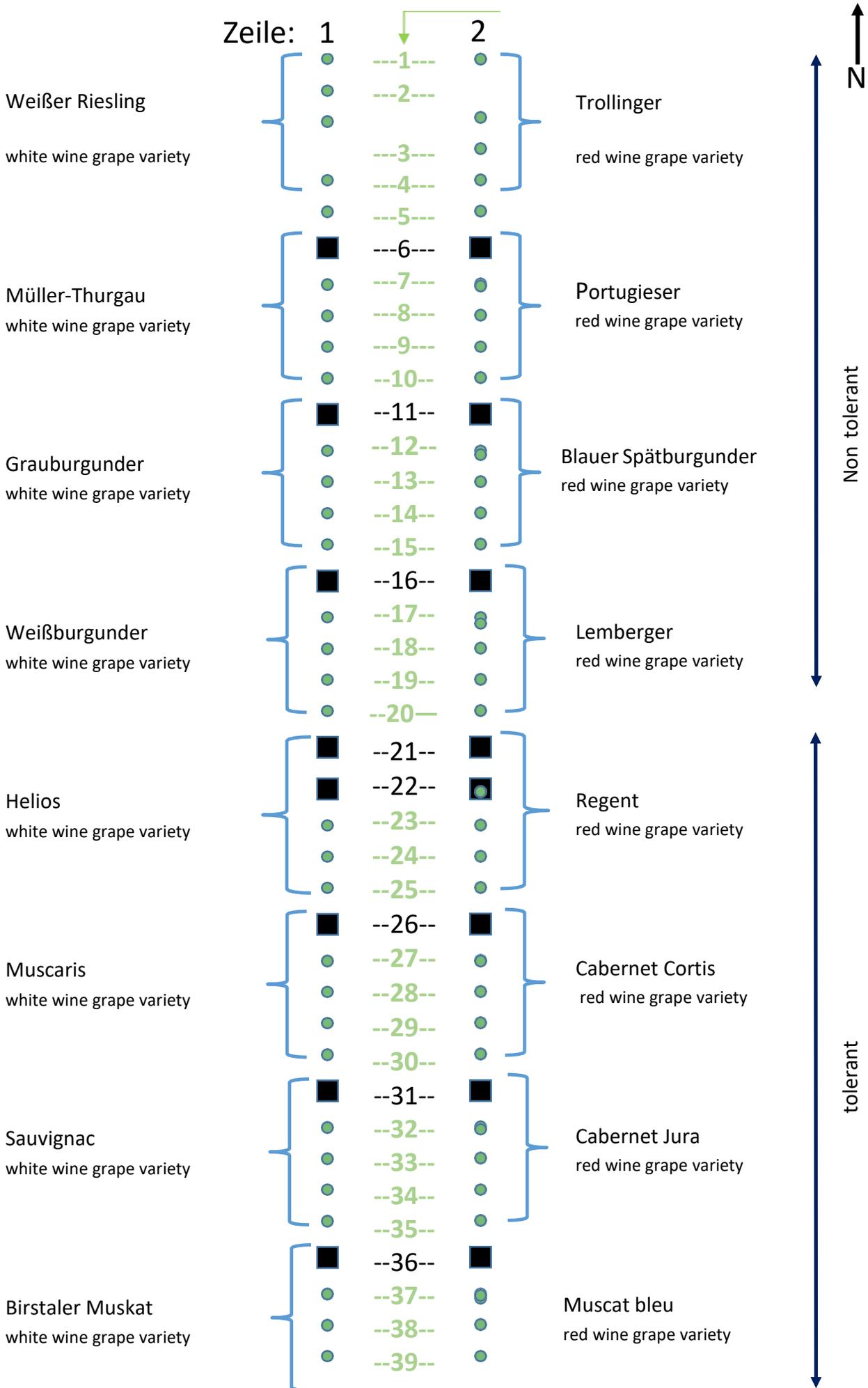
Corn chamomile (*Athemis avensis*)

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**

**Gimml**

**Tettnanger**

**Polaris**

**Callista**

**Diamant**

**Gimml**

**Huell Melon**

**Callista**

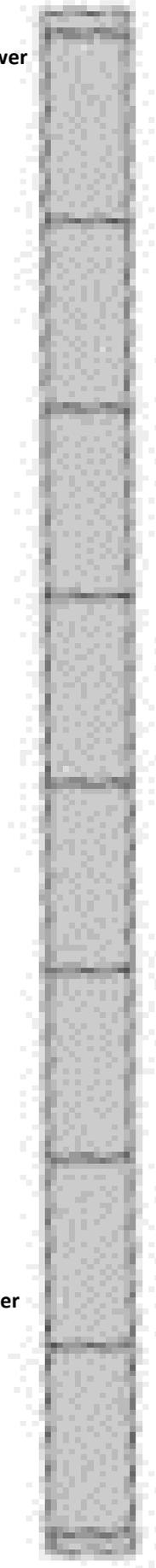
**Tettnanger**

**Diamant**

**Northern Brewer**

**Herkules**

**Polaris**





	<b>Black currant Tenoh</b>
	<b>Black currant Titania</b>
	<b>Red currant Rovada</b>
	<b>Red currant Jonkher van Tets</b>
	<b>White currant 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>



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