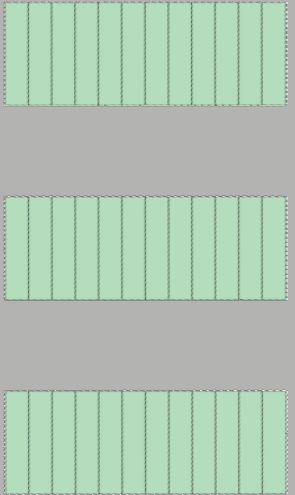
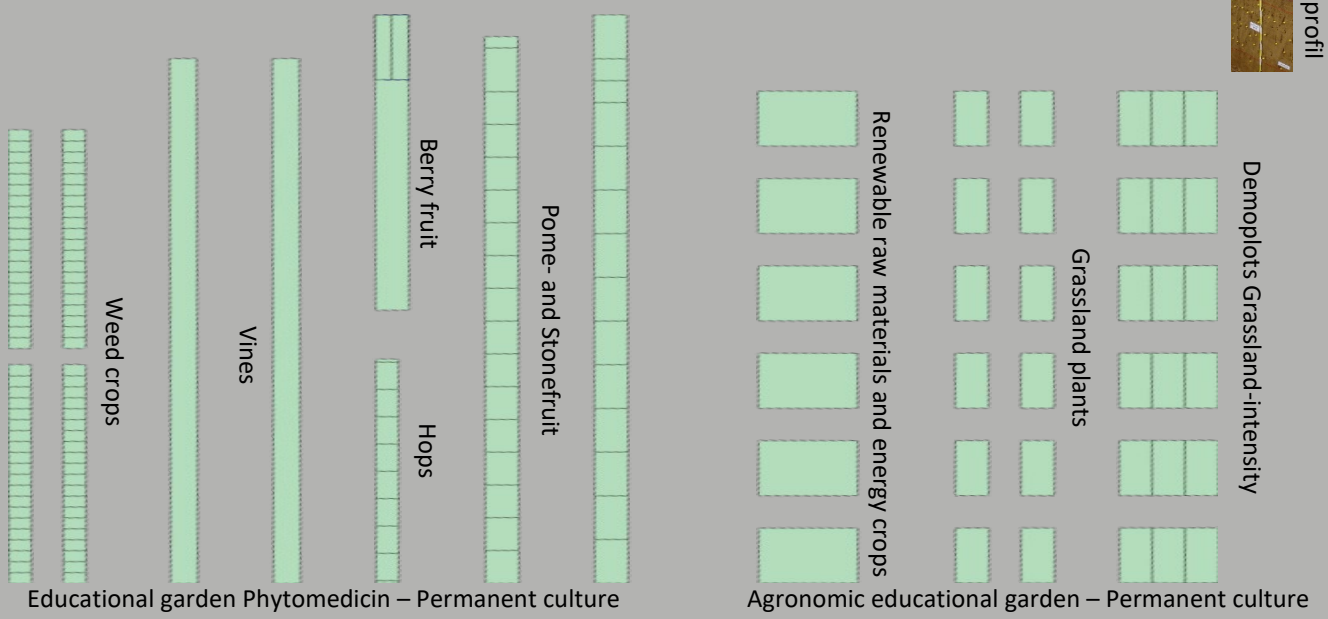
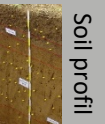
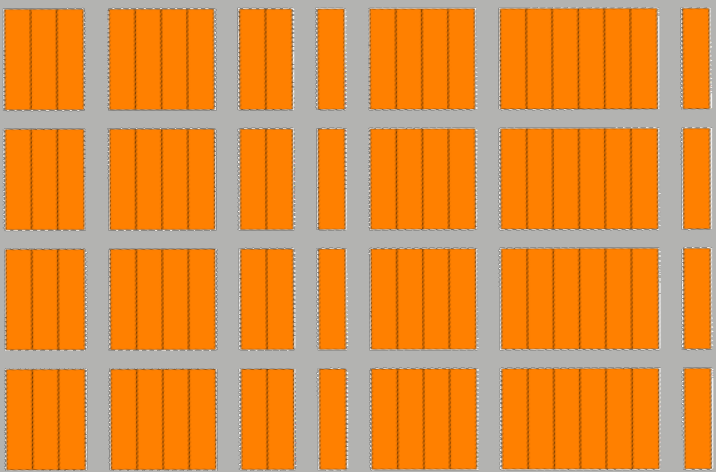


Overview Educational garden of Agriculture Sciences

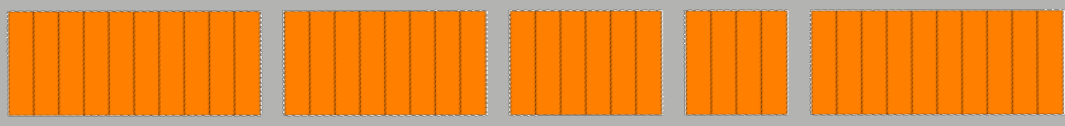
The areas of arable crops and catch crops
Are rotated annually.



Education garden Nutrient removal

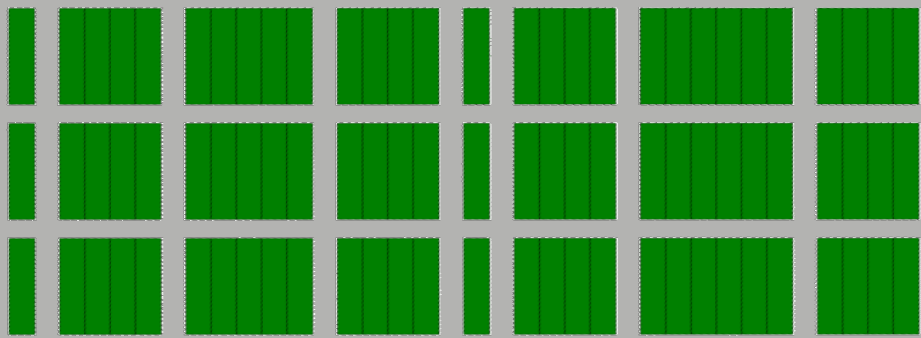


Agronomic educational garden - Arable crops

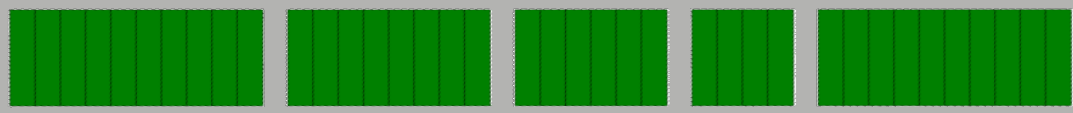


Catch crops

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 2022/2023



**Root and tuber
crops**

**Oil-rich
grains
Winter forms**

**Carbohydrate-rich
grains
Winter forms**

**Carbohydrate-rich
grains
Spring forms**

**Oil-rich
grains
Spring forms**

Forage crops

**Protein-rich
grains**

Vegetables

Fodder Pavla

Wi-rape PT 303 (Hybrid)

Wi-malting barley KWS Faro mz
Wi-spelt Oberkulmer Rotkorn
Wi-malting wheat Rumor A
Wi-durum wheat Wintergold

Spring rye Arantes
Spring triticale SU Carl
Spring wheat Quintus A
Teff

Sorghum KWS Lupus (Bicolor)

Chia
Chia Juana

Red clover Blizard
Black medick Ekola

Lentil+ Oat
Soy bean Antigua

Iceberg Lettuce

Potato Karelia
Sugar bbet Calliedia KWS

Wi-rape Sherlock (Linie)

Wi-malting barley Zophia zz
Wi-triticale SU Casparus
Wi-awned wheat KWS Ultim A
Wi-wheat SU Hymalaya (Hybrid)

Oat black hulled Zorro
Spring durum wheat Duralis
Spring wheat KWS Carusum E
Quinoa

Sorghum RGT Amiggo offen KWS Bulldozer

Sunflower RGT Lincoln
Safflower

Alfalfa
Alsike clover Aurora

Pea Tip
Pea Tip

White Cabbage
Red Cabbage

Energie-Fodder beet Caribou

Wi-rape RGT Cadran (Hybrid)

Wi-feed barley KWS Fleming mz
Wi-rye Inspector (Population)
Emmer Ally
Einkorn Monoverde

Oat yellow hulled Lion
Spring malting barley Accordine
Khorasan wheat (Kamut)
Amaranth

Maize KWS Nostro

Oil linseed Lirina
Oil linseed Bingo

Berseem Winner
Persian clover Laser

Field bean Birgit
Field bean Birgit

Bulb onion

Fodder beet Feldherr

Wi-rape ivo KWS (Hybrid)

Wi-feed barley KWS Infinity zz
Wi-oat KWS Snowbird
Emmer Späths Albuwel
Einkorn Monomax

Oat white hulled Symphony
Spring feed barley Applaus
Khorasan wheat (Kamut)
Buckwheat

Maize KWS Otto

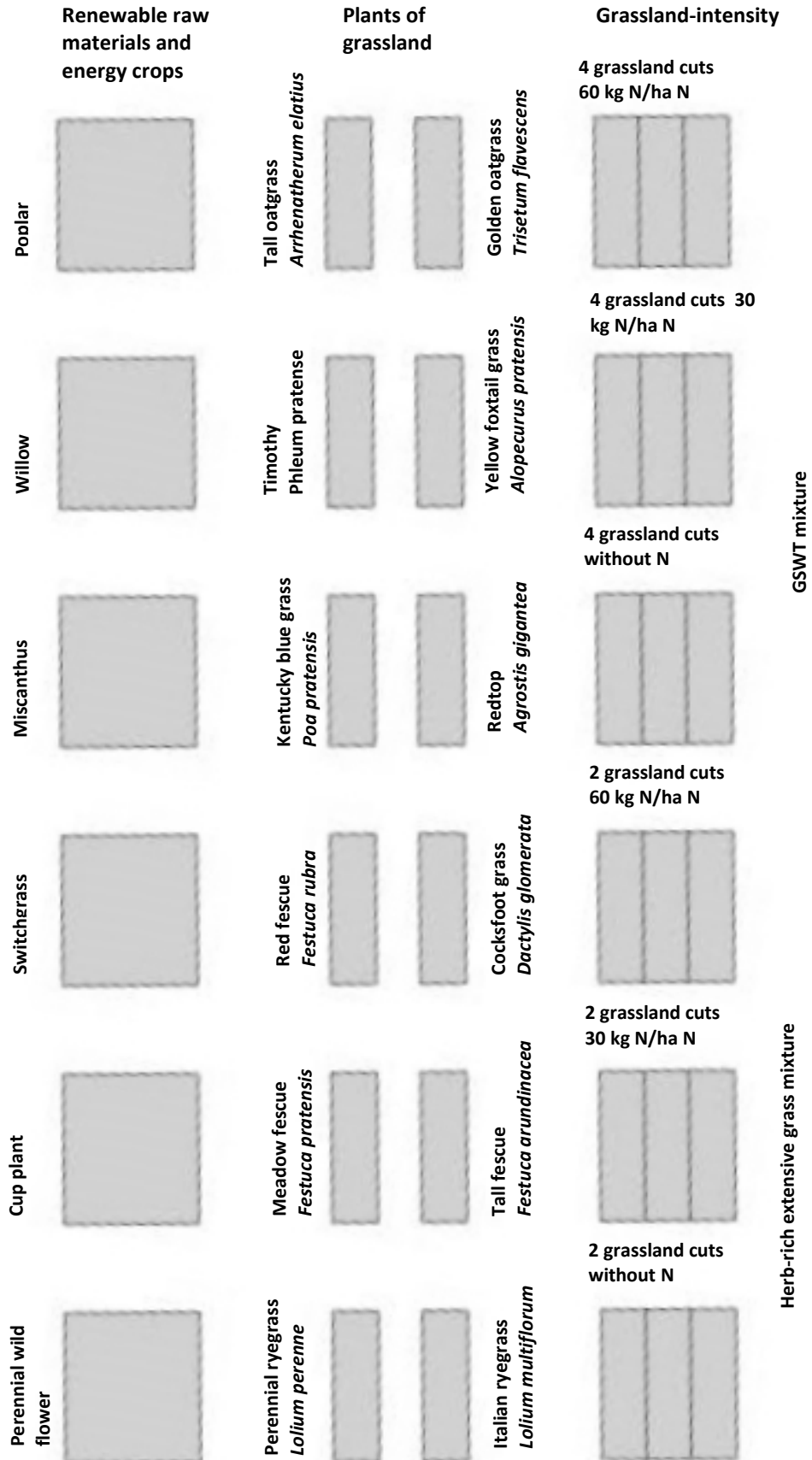
Spring rape Mirakel
False flax Zuzuma

Summer – Common vetch Ebena
Crimson clover Heusens Ostsaat

Parsnip



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



GSWT mixture

Herb-rich extensive grass mixture



Honey plants anual
Catch crop mixture Terra Life Warm Season
Abyssinian mustard Undercover
Indian mustard Terminator
Phacelia Nectar
Cress
Yellow lupin Mister
Bristle oat lapar61
Ramtila Ramba Zamba

Educational garden of Agriculture Sciences
Educational garden Phytomedicine 2022/2023



Pea Kameleon behandelt
Pea Kameleon unbehandelt
Wi-Faba bean Augusta behandelt
Wi-Faba bean Augusta unbehandelt

Wi-rape RGT Trezzor (Hybrid) behandelt
Wi-rape RGT Trezzor (Hybrid) unbehandelt

Wi-feed barley Bordeaux zz behandelt
Wi-feed barley Bordeaux zz unbehandelt
Wi-rye KWS Trebiano Hybrid behandelt
Wi-rye KWS Trebiano Hybrid unbehandelt
Wi-wheat KWS Emerick E behandelt
Wi-wheat KWS Emerick E unbehandelt
Wi-spelt Zollerperle behandelt
Wi-spelt Zollerperle unbehandelt

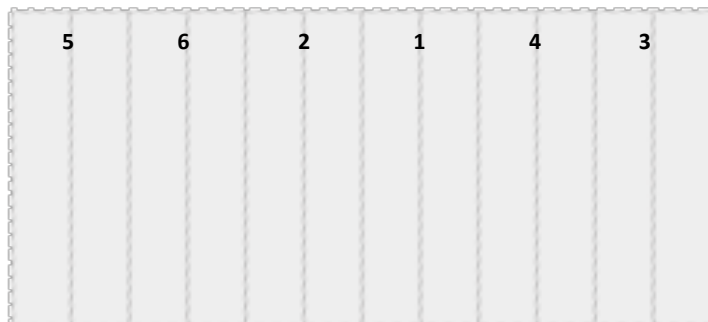
Sugar beet Annarosa KWS behandelt
Sugar beet Annarosa KWS unbehandelt
Sunflower RGT Bellus behandelt
Sunflower RGT Bellus unbehandelt
Maize Ricardinio behandelt
Maize Ricardinio unbehandelt

So-barley KWS Jessie behandelt
So-barley KWS Jessie unbehandelt
Oat Magellan behandelt
Oat Magellan unbehandelt



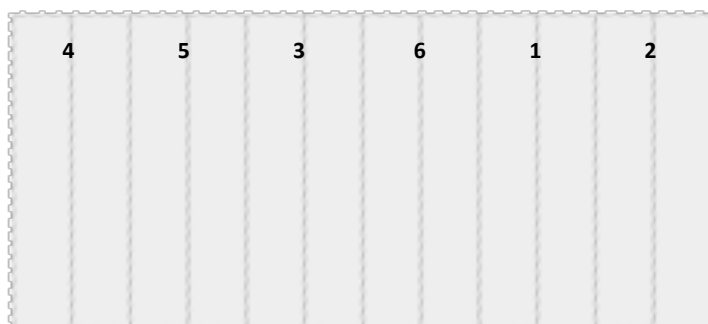
Block 1 – Winter wheat Apostel (A)

without lime	no fertilisation	without nitrogen	full fertilisation	without Potassium	without Phosphorus
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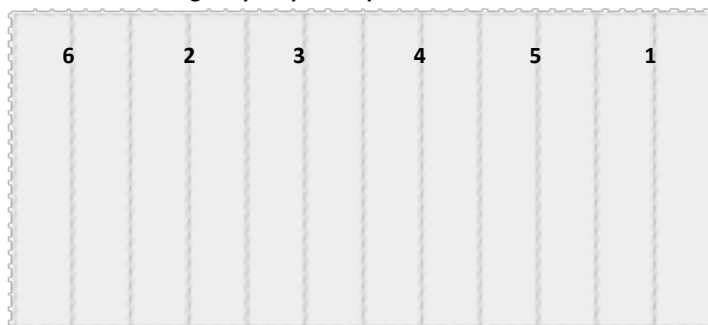
Block 2 – Winter rape PT303 (Hybrid)

without potassium	without lime	without phosphorus	no fertilisation	full fertilisation	without nitrogen
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Block 3 – Maize Ricardinio

no fertilisation	without nitrogen	without phosphorus	without potassium	without lime	full fertilisation
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Educational garden of Agriculture Sciences

Educational garden Phytomedicin 2022/23 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*)

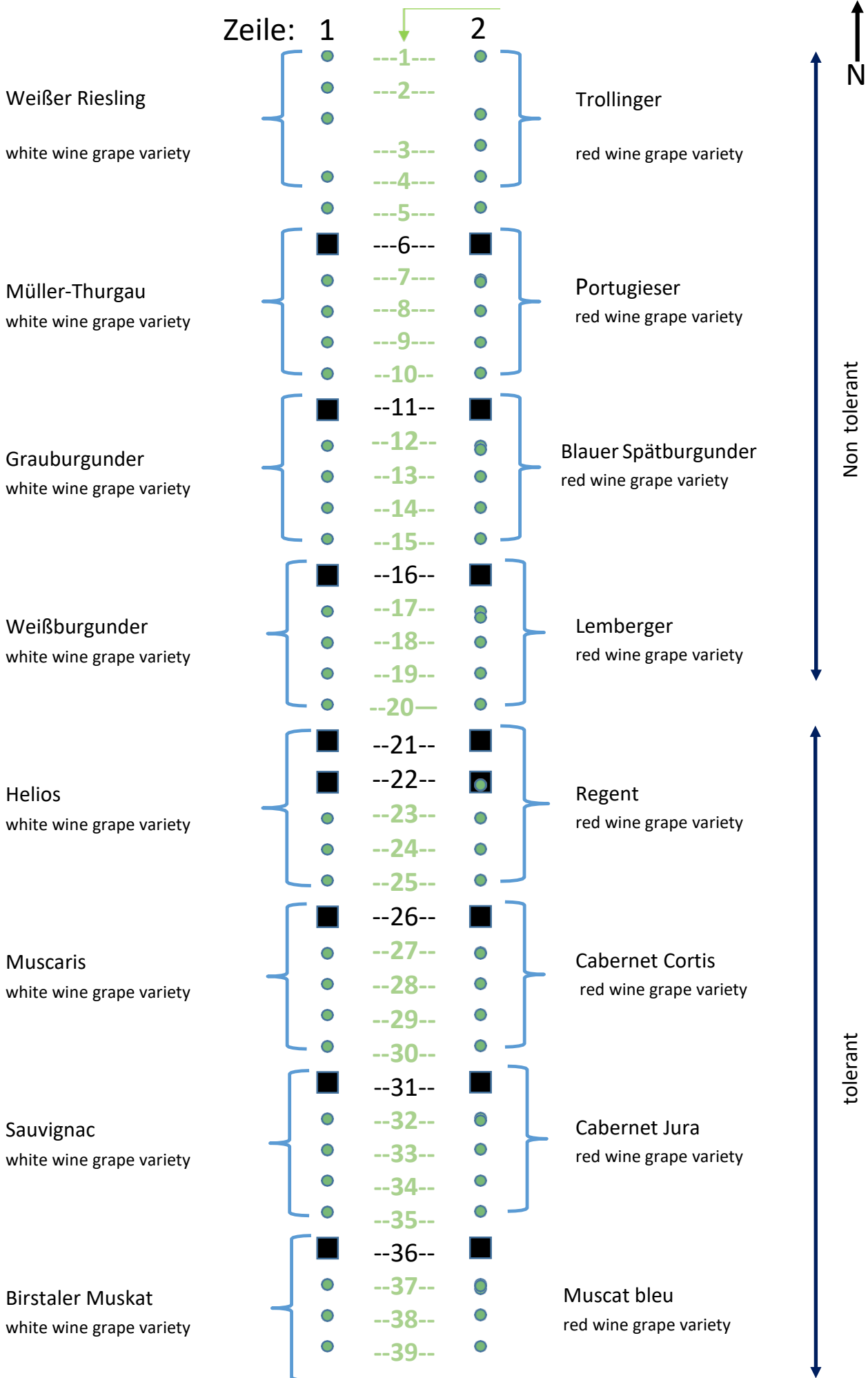
Corn chamomile (*Athemis avensis*)

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

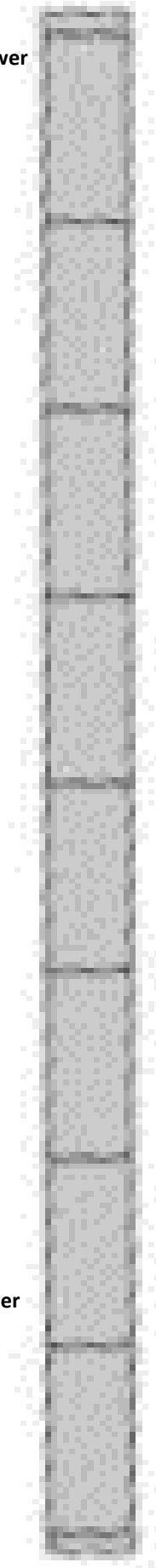
Tettnanger

Diamant

Northern Brewer

Herkules

Polaris





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



Pome fruit		Stone fruit	
Apple Topaz			Cherry Adelse
Apple Golden Delicious			Cherry Kordia
Apple Gala			Cherry Grace Star
Apple Wellant			Cherry Regina
Apple Cox Orange			Cherry yellow Stardust
Apple Idared			Sour cherry Schattenmorelle
Apple Natyra			Plum Hanita
Apple Topaz			Plum Haus-Zwetschge
Apple Fuji			Plum Topfive
Apple Elstar			Mirabelle Nancy
Apple Glockenapfel			Reneclaude
Apple RubINETTE			Quince
Apple Braeburn			Nectarine Diamond Bright
Pear Xenia			Apricot Orangered
Pear Conference			
Pear Williams Christ			
Pear Gräfin Gepa			