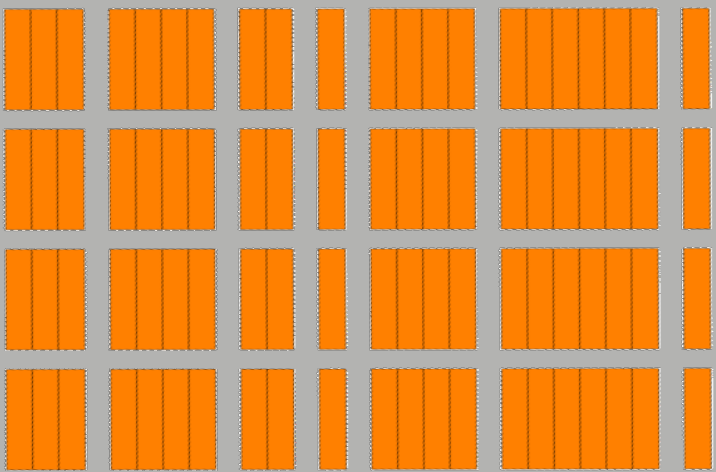
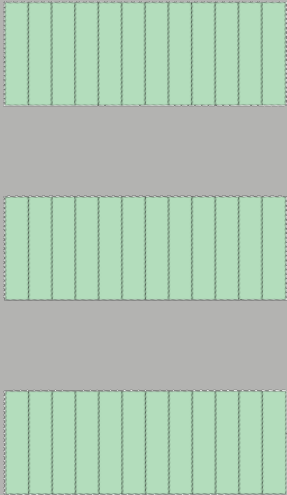
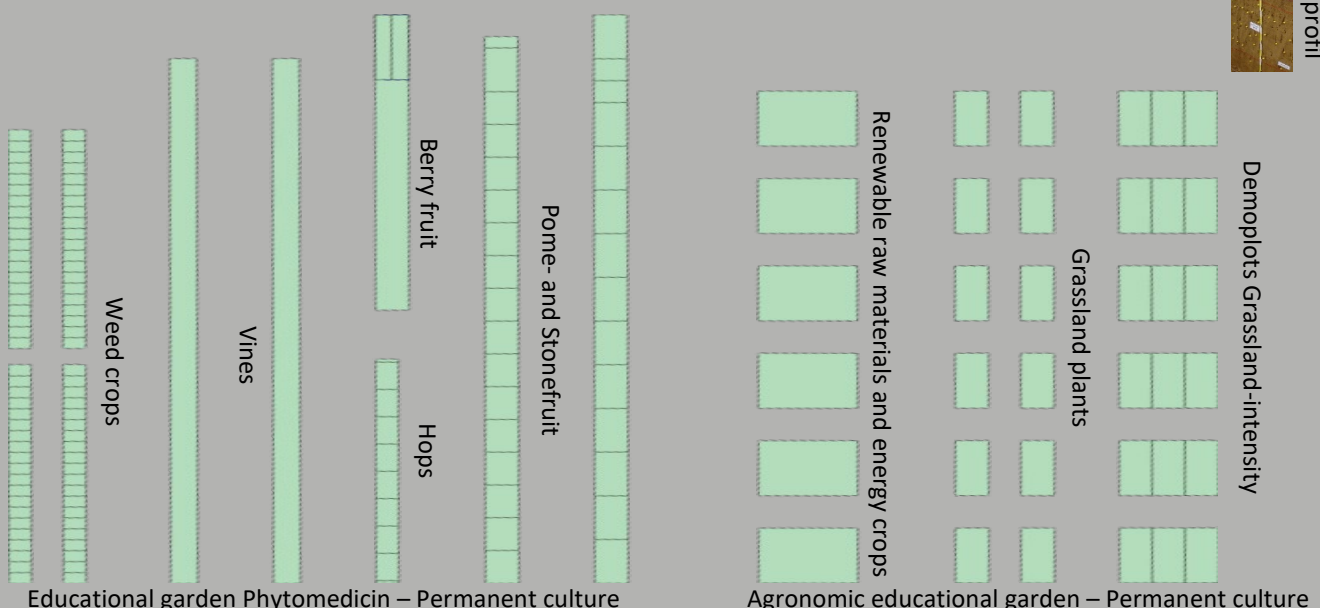
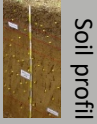
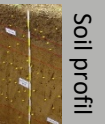


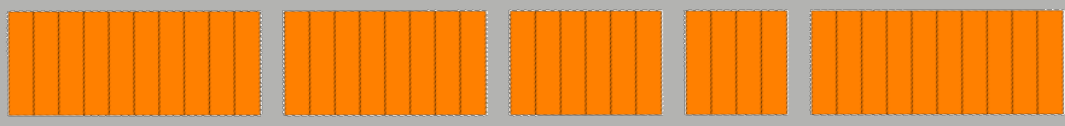
Overview Educational garden of Agriculture Sciences

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



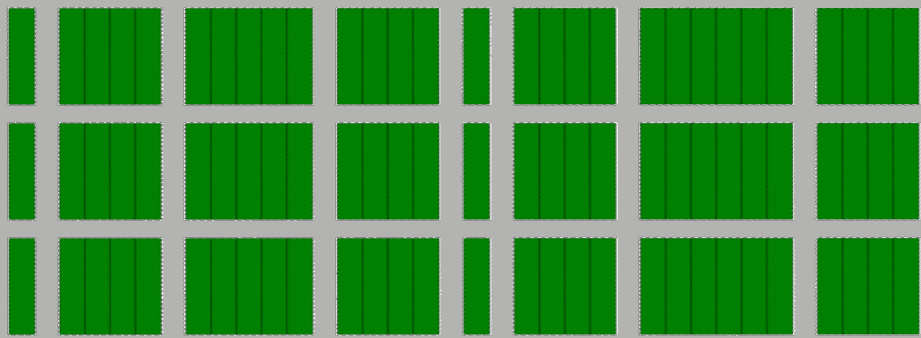
Education garden Nutrient removal

Agronomic educational garden - Arable crops

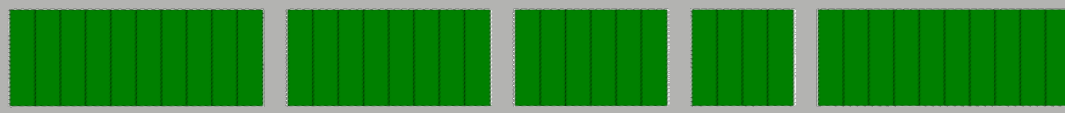


Catch crops

Educational garden Phytomedicin – Arable crops



Agronomic educational garden - Arable crops



Catch crops

Educational garden Phytomedicin - Arable crops

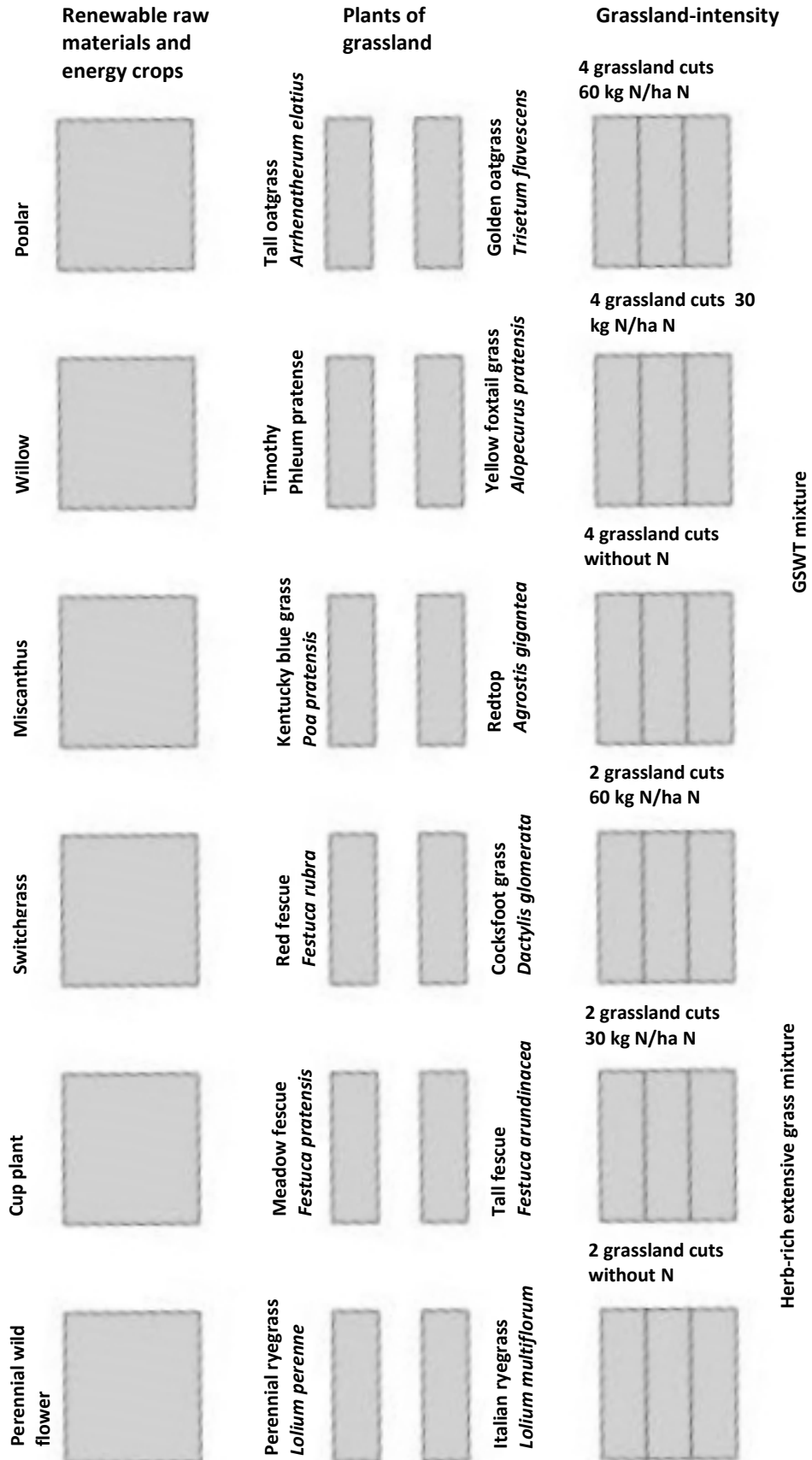
Educational garden of Agriculture Sciences
Agronomic educational garden 2023/2024



Vegetables	Root and tuber crops	Protein-rich grains	Forage crops	Oil-rich grains Spring forms	Carbohydrate-rich grains Spring forms	Carbohydrate-rich grains Winter forms	Oil-rich grains Winter forms
Iceberg Lettuce	Oil radish Rebellion Autumn turnip Rondo Marrow-stem kale Inka	Soy bean Tasso Lentil+ Oat Amicia + Armani	Red clover Tempus Black medick Ekola	Chia Chia Juana	Sorghum KWS Lupus (Bicolor) Teff Khorasan wheat (Kamut) Spring durum wheat Durallis Spring triticale SU Carl	Wi-spelt Späths Albrubin Wi-durum wheat Wintersonne Wi-wheat RGT Ponticus E Wintertriticale Bicross Wi-malting barley KWS Faro mz	Wi-rape Randy (Linie)
White Cabbage Red Cabbage	Potato Karelia Sugar beet Calledia KWS	Chickpea Elmo Pea Tip	Alfalfa Plato Alsike clover Lomiai	Sunflower RGT Llincoln Safflower	Sorghum RGT Amiggo Quinoa Khorasan wheat (Kamut) Oat black hulled Zorro Spring rye Arantes	Einkorn MV Alkor Emmer Roter Heidfelder Wi-wheat awned Artimus A Wi-rye Dukato(Population) Wi-malting barley Sonja z	Wi-rape Sherlock (Linie)
Bulb onion	Potato Red Sonja Energie-Fodder beet Ribambelle	Pea Dexter Field bean Tiffany	<u>Beerseem clover</u> Winner Persian clover Pasat	Oil linseed Lirina Oil linseed Bingo	Maize KWS Nostro Amaranth Spring wheat Quintus A Oat white hulled Scotty Spring malting barley Accordine	Einkorn Monomax Emmer Aly Wi-wheat Hymalaya A (Hybrid) Wi-rye KWS Serafino (Hybrid) Wi-feed barley Su Midnight mz	Wi-rape RGT Humboldt (Hybrid)
Beetroot Rote Kugel	Potato Emiliana Fodder beet Feldherr	White lupin Frieda Blue lupin Carabor branched	Summer – Common vetch Ebena Crimson clover Heusens Otsaat	Spring rape Mirakel False flax Zuzuma	Maize KWS Otto Buckwheat Spring wheat KWS Carusum E Oat yellow hulled Platin Spring feed barley Applaus	Einkorn Monoverde Emmer Späths Aljuwel Wi-wheat brewing suitability SU Mangold B Wi-oat KWS Snowbird Wi-feed barley Bordeaux z	Wi-rape Triple (Hybrid)



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



GSWT mixture

Herb-rich extensive grass mixture

Educational garden of Agriculture Sciences
Agronomic educational garden 2023/2024
Educational garden Phytomedicin 2023/24
Catch Crops



Bristle oat Rhino	Ramtilla Ramba Zamba
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Phacelia Nectar	Cress
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Abyssinian mustard Undercover	Indian mustard Terminator
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Honey plants anual	Catch crop mixture Terra Life Warm Season
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Educational garden of Agriculture Sciences
Educational garden Phytomedicine 2023/2024



Maize treated Ronaldino
Maize untreated Ronaldino
Sunflower treated RGT Bellus
Sunflower untreated RGT Bellus
Potato Glorietta treated
Potato Glorietta untreated
Sugar beet Jellera KWS treated
Sugar beet Jellera KWS untreated

So-barley KWS Jessie treated
So-barley KWS Jessie untreated
Oat Magellan treated
Oat Magellan untreated

Soybean Tasso treated
Soybean Tasso untreated
Pea Kameleon treated
Pea Kameleon untreated
Wi-Faba bean Augusta treated
Wi-Faba bean Augusta untreated

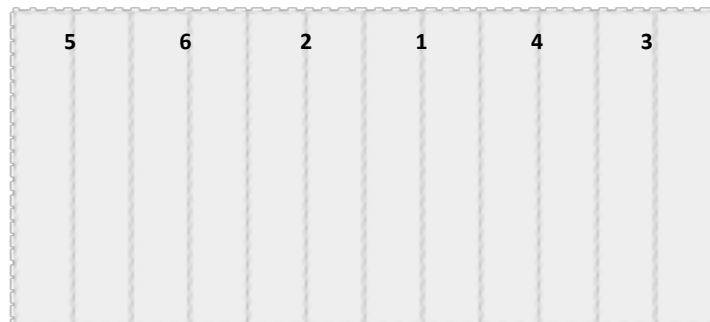
Wi-spelt Zollernfit treated
Wi-spelt Zollernfit untreated
Wi-wheat SU Habanero (A) treated
Wi-wheat SU Habanero (A) untreated
Wi-rye KWS Serafino (Hybrid) treated
Wi-rye KWS Serafino (Hybrid) untreated
Wi-feed barley Aros zz treated
Wi-feed barley Aros zz untreated

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



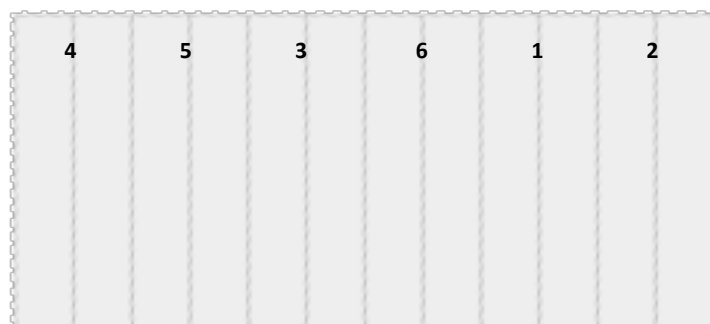
Block 1 – Winter rape KWS Ambos (Hybrid)

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



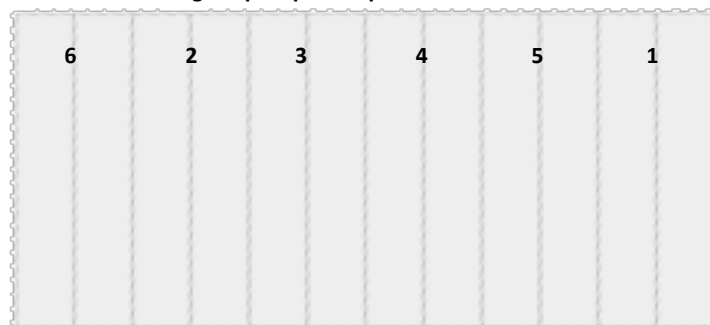
Block 2 – Maize Ronaldino

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



Block 3 – Winter wheat RGT Ponticus (E)

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



Educational garden of Agriculture Sciences

Educational garden Phytomedicin 2023/24 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*)

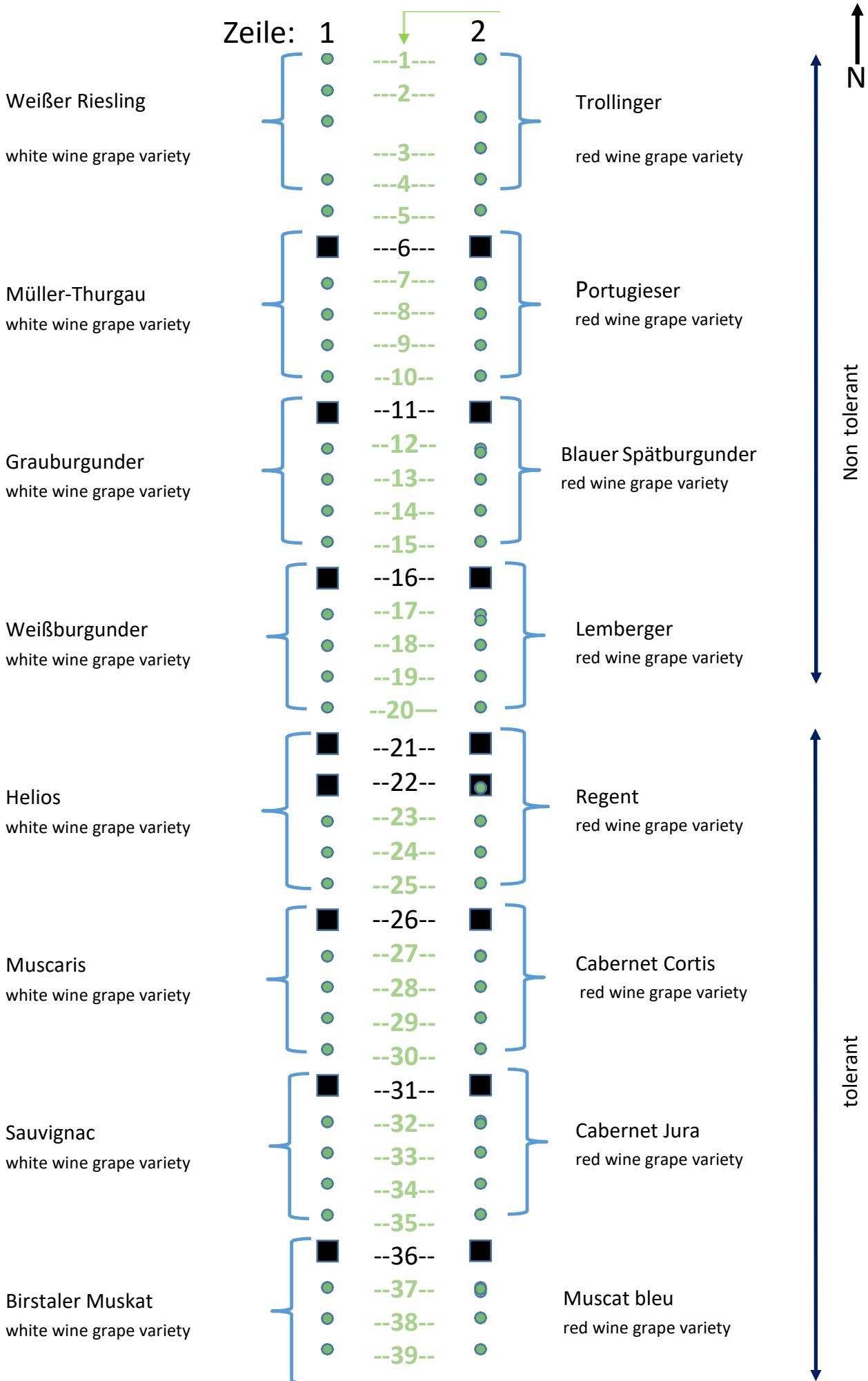
Corn chamomile (*Athemis avensis*)

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

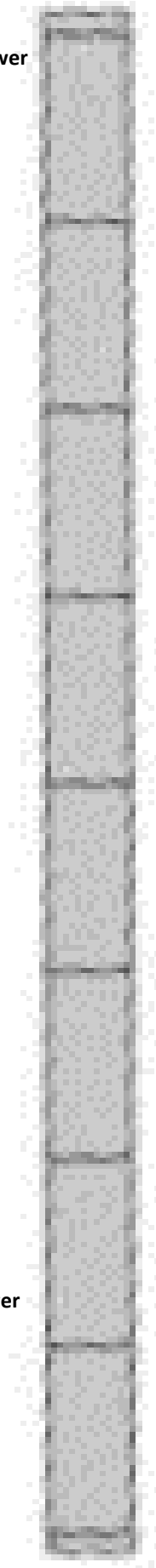
Tettnanger

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 Adelize
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			