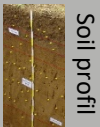
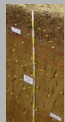


Overview Educational garden of Agriculture Sciences

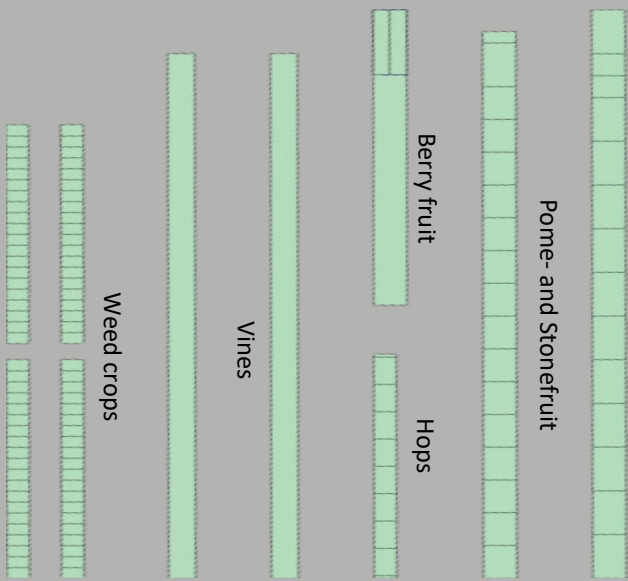
The areas of arable crops and catch crops
Are rotated annually.



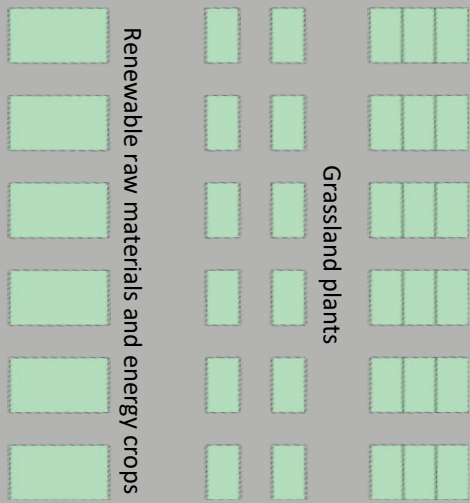
Soil profile



Soil profile



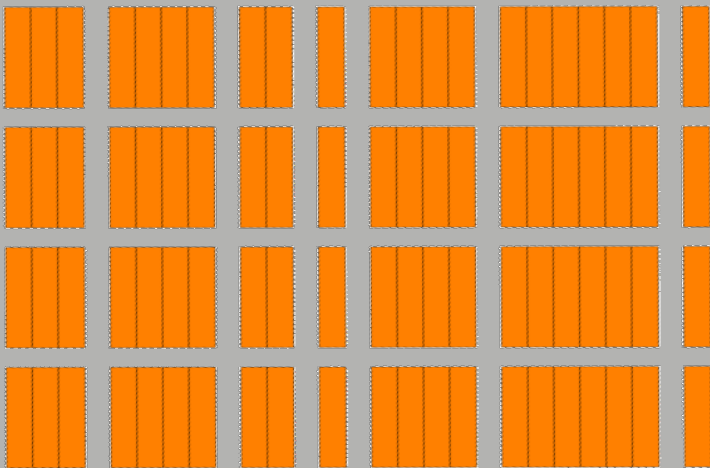
Educational garden Phytomedicin – Permanent culture



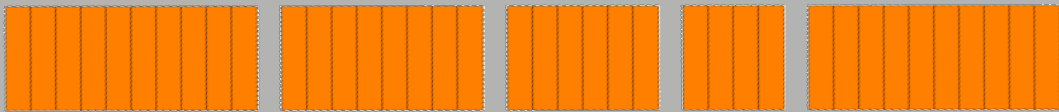
Agronomic educational garden – Permanent culture



Education garden Nutrient removal

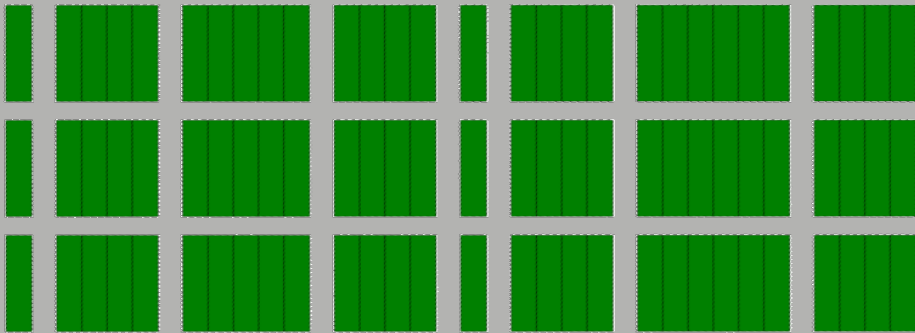


Agronomic educational garden - Arable crops



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 2024/2025



Vegetables	Protein-rich grains	Root and tuber crops	Forage crops	Carbohydrate-rich grains Spring forms	Oil-rich grains Spring forms	Oil-rich grains Winter forms	Carbohydrate-rich grains Winter forms
White Cabbage Red Cabbage	Soy bean Arnold Chickpea Elmo	Marrow-stem kale Inka Sugar bbet Caledia KWS		Buckwheat Spring tritcale SU Carl Spring rye Ovid	Sorghum RGT Amiggo	Chia Juana Chia Juana	Wi-oat KWS Snowbird Wi-rye Dukato(Population) Wi-spelt Späths Albrubin
Iceberg Lettuce	Lentil+ Oat Amicia Lentil+ Oat Amicia	Energie-Fodder beet Ribambelle Fodder beet Feldherr	Red clover Tempus Black medick Ekola	Teff Spring durum wheat Duralis Oat black hulled Zorro	Sorghum KWS Lupus	Sunflower RGT Lincoln Sunflower RGT Lincoln	Wi-malting barley KWS Faro mz Wintertriticale Bicross Einkorn Monomax
Carrott	Pea Astronaute Pea Texas	Potato Karelia	Alfalfa Plato Alsike clover Lomiai	Amaranth Spring wheat KWS Carusum E Oat white hulled Scotty	Sorghum KWS Kallisto	Safflower Safflower	Wi-malting barley Sonja zz Wi-wheat awned Exsal E Emmer Roter Heidfelder
Bulb onion	Field bean Callas Field bean Birgit	Potato Red Sonja	Beerseem clover Winner Persian clover Pasat	Quinoa Spring wheat Jordum B Oat yellow hulled Platin	Maize KWS Nostro	Oil linseed Juliet Oil linseed Bingo	Wi-feed barley Su Midnight mz Win-wheat awned Cheignon B Wi-durum wheat Wintersonne
Beetroot Rote Kugel	White lupin Celina Blue lupin Carabor branched	Potato Emiliana	Summer Common vetch Ebena Crimson clover Heusens Ostsaat	Khorasan wheat (Kamut) Spring wheat Quintus A Spring feed barley KWS Jessie	Maize KWS Otto	Spring rape Mirakel False flax Zuzuma	Wi-feed barley Bordeaux zz Wi-wheat Hymalaya A (Hybrid) Wi-wheat (with brewing suitability) KWS Keitum C
						Wi-rape Randy (Linie)	
						Wi-rape Sherlock (Linie)	



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>			Golden oatgrass <i>Trisetum flavescens</i>		4 grassland cut 2* 60 kg N/ha N
Willow		Timothy <i>Phleum pratense</i>			Meadow foxtail <i>Alopecurus pratensis</i>		4 grassland cut 2* 30 kg N/ha N
Miscanthus		Kentucky blue grass <i>Poa pratensis</i>			Cocksfoot grass <i>Dactylis glomerata</i>		4 grassland cut ohne N
Switchgrass		Red fescue <i>Festuca rubra</i>			Tall fescue <i>Festuca arundinacea</i>		2 grassland cut 2* 60 kg N/ha N
Cup plant		Meadow fescue <i>Festuca pratensis</i>			Hybris ryegrass <i>Lolium x hybridum</i>		2 grassland cut 2* 30 kg N/ha N
Perennial wild flower mixture		Perennial ryegrass <i>Lolium perenne</i>			Italian Ryegrass <i>Lolium multiflorum</i>		2 grassland cut ohne N
							GSWT mixture
							Herb-rich extensive grass mixture

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
Ramtilla Ramba Zamba



So-barley Sting treated
So-barley Sting untreated
Oat Lion treated
Oat Lion untreated

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

Soybean Arnold treated
Soybean Arnold untreated
Winter-Pea Feroe treated
Winter-Pea Feroe 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 Progas (Hybrid) treated
Wi-rye KWS Progas (Hybrid) untreated
Wi-feed barley KWS Tardis zz treated
Wi-feed barley KWS Tardis zz untreated

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

without lime	no fertilisation	without nitrogen	full fertilisation	without Potassium	without Phosphorus
5	6	2	1	4	3

without potassium	without lime	without phosphorus	no fertilisation	full fertilisation	without nitrogen
4	5	3	6	1	2

no fertilisation	without nitrogen	without phosphorus	without potassium	without lime	full fertilisation
6	2	3	4	5	1

Educational garden of Agriculture Sciences

Educational garden Phytomedicin 2024/25

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*)

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*)

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*)

Knotgrass (*Polygonum ariculare*)

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*)

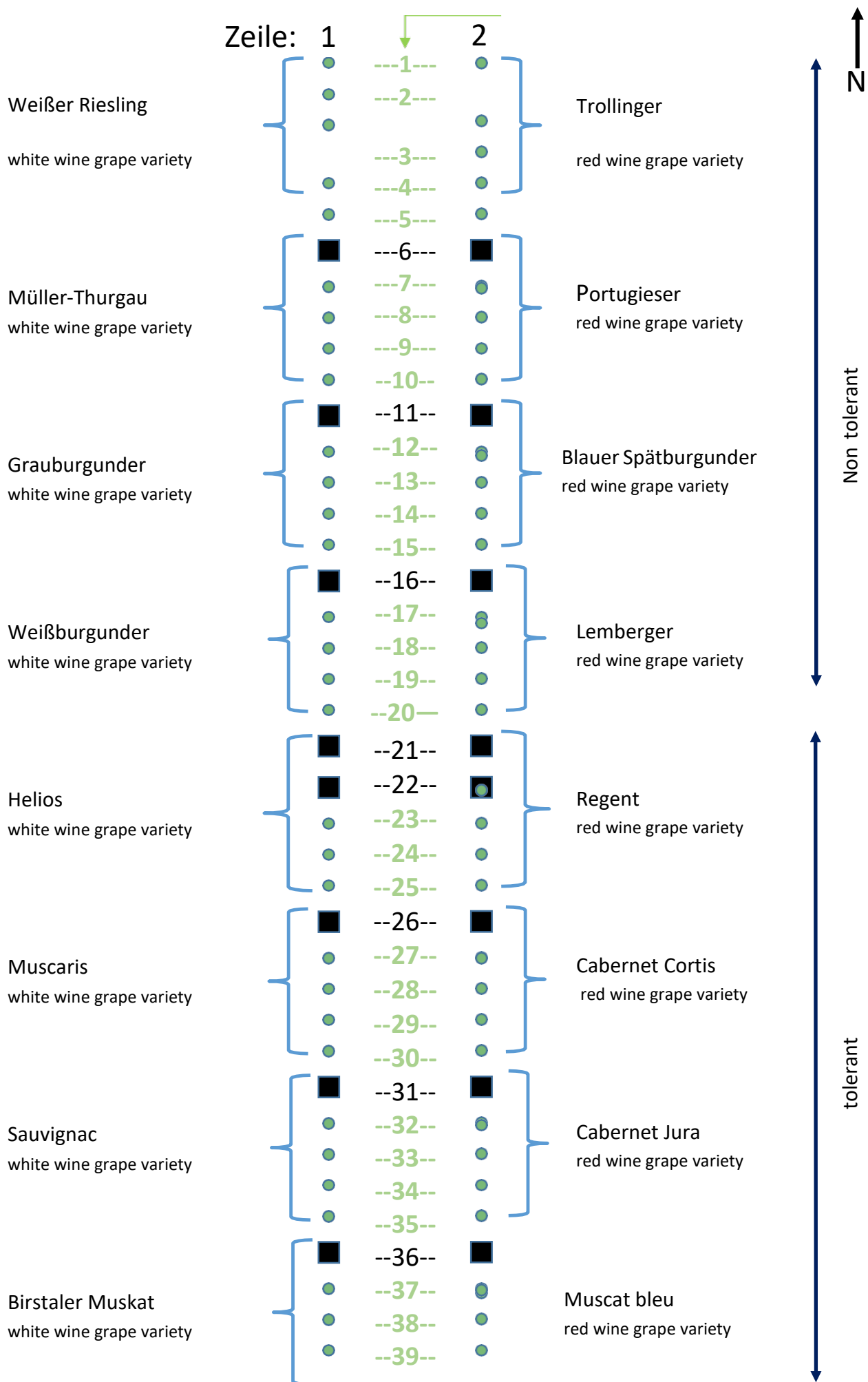
Corn chamomile (*Athemis avensis*)

Chamomile (*Matricaria chamomilla*)

Jointed charlock (*Rhaphanus raphanistrum*)

Henbit dead-nettle (*Lamium amplexicaule*)

Aducational garden of Agriculture Sciences – Special culture - Vines





Northern Brewer

Huell Melon

Herkules

Gimmli

Tettnanger

Polaris

Callista

Diamant

Gimmli

Huell Melon

Callista

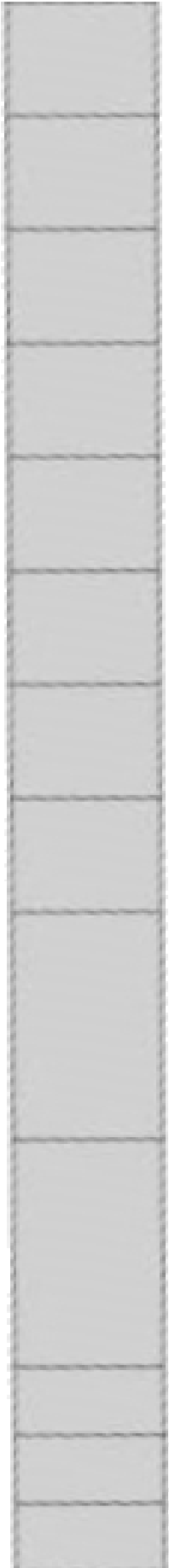
Tettnanger

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	
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

Stone fruit	
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