

# Catalogue <sup>2017</sup>



Nordic & Baltic

# Creating an organic world

“Creating an organic world” is the mission of Vitalis. We are doing this by breeding and producing varieties which are suitable for organic growers. Strong and reliable varieties, with as much resistance as possible against diseases and pests. Varieties tested under organic growing conditions at growers, research institutes and the Vitalis trial fields. We are proud to present a wide range of varieties in many crops.



All our seeds are produced organically. The seeds are grown in compliance with EU-regulation 834/2007 for organic production. Our SKAL registration number is 017981.

Vitalis is part of the Enza Zaden Beheer B.V. group. Enza Zaden is a leading worldwide vegetable breeding company founded in the Netherlands. The commercialization and distribution is being done by Enza Zaden UK Ltd in the UK and by Europrise Company Ltd in Ireland.

Cucumber	Heated	Non-heated	Spring	Summer	Fruitlength (cm)	Resistances		Comments
						Hr	Ir	
<b>Cucumber Long European Type</b>								
<b>Amaluna F1</b>	✓	✓		✓	30	Ccu	CVYV/Px	Early and fast.
<b>Galaxy F1</b>	✓	✓		✓	30	Cca/Ccu	Px	Vigorous plant. Good setting. Handles less heating well.
<b>Dee Lite F1</b>	✓		✓		31	Ccu	CMV/CVYV/Px/CGMMV	Green Mosaic resistant variety for spring and autumn
<b>Dee Zire F1</b>	✓			✓	31	Ccu	CMV/Px/CGMMV	Green Mosaic resistant variety for summer crops.
<b>Diobla F1 New</b>	✓		✓		31	Cca/Ccu	Px	Fast spring variety with a compact, but open plant
<b>Kalunga F1</b>		✓	✓	✓	31	Cca/Ccu	Px	Flexible, mid-early, easy to grow.
<b>Styx F1</b>		✓	✓	✓	33	Cca/Ccu	Px	Easy to grow, cold greenhouse, North-Europe.
<b>Torreon F1</b>	✓		✓	✓	33	Cca/Ccu	Px	Medium strong vigour, early.
<b>Tyria F1</b>		✓	✓	✓	34	Cca/Ccu	Px	Strong vigour, strong roots.
<b>Cucumber Mini</b>								
<b>Katrina</b>	✓	✓	✓		17	Ccu	CMV/CVYV/Px	Standard. Strong vigour. Multi fruiting.
<b>Picolino F1</b>	✓	✓	✓	✓	14	Cca/Ccu	CMV/CVYV/Px	Adaptable, productive, multi fruiting.
<b>Cucumber Rootstock</b>								
<b>Flexifort F1</b>	✓	✓	✓	✓		Fom:0-2,1.2/ Fon:0,1/Foc	Forc	












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Tomato	Mean fruit Weight (g)	Heated	Non-heated	Tunnel	Truss	Resistances			Comments
						Hr	Ir	Tr	
<b>Beef</b>									
<b>Forenza F1</b>	220	✓	✓			ToMV:0-2/Ff:A-E/Va:0/Vd:0/Fol:0,1	On/Ma/Mi/Mj		Vigorous, balanced and uniform.
<b>Rally F1</b>	230		✓	✓		ToMV:0-2/Ff:A-E/Va:0/Vd:0/Fol:0,1	TSWV/Ma/Mi/Mj		Very early, flat-round fruits.
<b>Normal, round</b>									
<b>Avalantino F1</b>	75	✓	✓		✓	ToMV:0-2/Ff:A-E/Va:0/Vd:0/Fol:0,1/For	On	Si	Excellent taste. Nice truss.
<b>Sparta F1</b>	110		✓	✓		ToMV:0-2/Ff:A-E/Va:0/Vd:0/Fol:0,1	Ma/Mi/Mj		All round variety, good taste.
<b>E15M.40770 F1 New</b>	110	✓	✓		✓	ToMV:0-2/Ff:A-E/Va:0/Vd:0/Fol:0,1/For	TSWV/On	Si	Open plant. Nice tross.
<b>Bocati F1</b>	110	✓	✓		✓	ToMV:0-2/Ff:A-E/Va:0/Vd:0/Fol:0,1/For	On	Si	Easy setting, useful resistance package.
<b>Dirk F1</b>	130	✓	✓		✓	ToMV:0-2/Va:0/Vd:0/Fol:0,1/For	On	Si	Vigorous growth, good truss tomato.
<b>Cocktail</b>									
<b>Annamay F1</b>	40	✓	✓		✓	ToMV:0-2/Ff:A-E/Va:0/Vd:0/Fol:0,1	On	Si	Nice trusform, high yield.
<b>Campari F1</b>	50	✓			✓	ToMV:0-2/Va:0/Vd:0/Fol:0,1/For	Ma/Mi/Mj	Si	Worldwide the most famous cocktail.
<b>Devotion F1</b>	55	✓	✓		✓	ToMV:0-2/Va:0/Vd:0/Fol:0,1/For	Ma/Mi/Mj	Si	Strong against russetting and goldspeck.
<b>Temptation F1</b>	65	✓			✓	ToMV:0-2/Ff:A-E/Va:0/Vd:0/Fol:0,1/For		Si	Eight fruits per truss, very nice taste.
<b>Cherry</b>									
<b>Perlati F1</b>	19	✓	✓	✓		ToMV:0-2/Ff:A-E/Va:0/Vd:0/Fol:0,1	On/Ma/Mi/Mj	Si	Very sweet and many resistances.
<b>Sakura F1</b>	22		✓	✓	✓	ToMV:0-2/Ff:A-E/Fol:0,1	Ma/Mi/Mj	Si	All round variety, vigorous, high yield.
<b>Plum, small, large</b>									
<b>Santasian F1</b>	12	✓	✓	✓		ToMV:0-2/Fol:0			Best real mini plum, robust product.
<b>Sunstream F1</b>	22	✓	✓		✓	ToMV:0-2/Va:0/Vd:0/Fol:0,1			Excellent taste, nice shape.
<b>Vespolino F1</b>	27		✓		✓	ToMV:0-2/Fol:0,1	Ma/Mi/Mj	Si	Mini San Marzano, long trusses.
<b>Matthew F1</b>	34	✓				ToMV:0-2/Ff:A-E/Va:0/Vd:0/Fol:0,1/For		Si	Orange coloured miniplum.
<b>Ardiles F1</b>	35	✓	✓	✓	✓	ToMV:0-2/Ff:A-E/Va:0/Vd:0/Fol:0,1/For	On/Ma/Mi/Mj	Si	Midi plum. Very nice truss.
<b>Loreto F1</b>	80	✓	✓		✓	ToMV:0-2/Ff:A-E/Va:0/Vd:0/Fol:0,1			Vigorous, good production.
<b>San Marzano</b>									
<b>Pozzano F1</b>	135		✓	✓		ToMV:0-2/Va:0/Vd:0/Fol:0,1			Non-greenback. Good fruit quality.
<b>Rootstock</b>									
<b>Estamino F1</b>		✓	✓			ToMV:0-2/Ff:A-E/PI/Va:0/Vd:0/Fol:0-2/For	TSWV/Ma/Mi/Mj		Powerful and generative.
<b>Fortamino F1</b>		✓	✓			ToMV:0-2/Ff:A-E/PI/Va:0/Vd:0/Fol:0-2/For	TSWV/Ma/Mi/Mj		Generative. Performs well in stress, heat and dryness.

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Pepper	Type	Heated		Fruitsize (mm)	Resistances		Comments
		Heated	Non-heated		Hr	Ir	
<b>Blocky Red/Green</b>							
<b>Artega F1</b>		✓		70-75	Tm:0-2		Small fruit size. Fast. High yield. Vigorous plant.
<b>Ferrari F1</b>		✓	✓	75-80	Tm:0-2		Reliable. Vigorous.
<b>Bendigo F1</b>			✓	75-80	Tm:0		Easy grower in NW-Europe. For cold greenhouse.
<b>Marletta F1</b>		✓		75-85	Tm:0-3	Ma/Mi/Mj	Fast variety. Excellent fruit quality.
<b>Maldonado F1 New</b>		✓		80-85	Tm:0-3		Fast. Excellent shelflife.
<b>Maranello F1</b>		✓		85-95	Tm:0-2		Large fruits. Fast. High yield.
<b>Blocky Yellow</b>							
<b>Fiesta F1</b>		✓	✓	75-80	Tm:0-2		Regular setting, quality fruits.
<b>Kaite F1</b>		✓		80-85	Tm:0-3		Fast. High yield excellent shelflife.
<b>Sweet Conical mini &amp; normal</b>							
<b>Cooper F1</b>		✓	✓	45x190	Tm:0-3		Red. Generative. Fast. Strong on blossom end rot.
<b>Oranos F1</b>		✓	✓	35x125	Tm:0		Orange, good tasting pepper.
<b>Xanthi F1</b>		✓	✓	40x145	Tm:0		Yellow.
<b>Rootstock</b>							
<b>Scarface F1</b>		✓	✓		Tm:0	Ma/Mi/Mj	Gives plants a lot of vigour and high yield.

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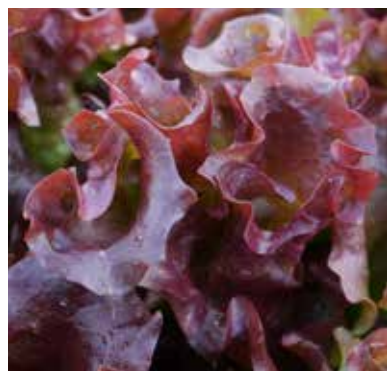
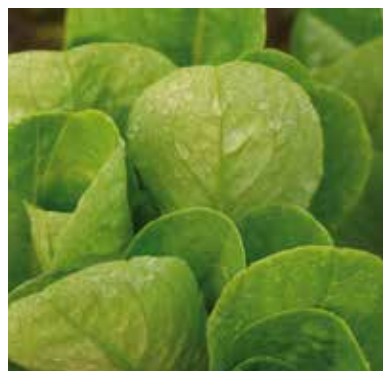
Lettuce		Colour ① = green ② = red	① = Greenhouse ② = Open field	Season				Resistances		
				Spring	Summer	Autumn	Winter	Hr	Ir	Comments
<b>Butterhead Lettuce</b>										
<b>Analora</b>	①	①	✓	✓	✓			Bl:16-32/Nr:0	LMV:1	Reliable and flexible.
<b>Sebastiano</b>	②	①	✓	✓	✓			Bl:16-27,29,32		Red Butterhead. Savoyed.
<b>E01D.30254 New</b>	②	①	✓	✓	✓			Bl:16-32/Nr:0	LMV:1	Fullresistant red butterhead. Attractive red colour.
<b>Iceberg Lettuce</b>										
<b>Clarist</b>	①	①		✓	✓			Bl:16-32/Nr:0/Pb		Compact and fast. Nice shape.
<b>Etude</b>	①	①	✓		✓			Bl:16-27,29,32		Early, medium sized with a round head, upright.
<b>Vytalist</b>	①	①		✓	✓			Bl:16-32/Nr:0/Pb		Medium to large size. Long harvest window.
<b>Elmundo</b>	①	①		✓				Bl:16-32/Nr:0		Reliable summer variety, slow filling and easy to cut
<b>Eduardo New</b>	①	①		✓	✓			Bl:16-32/Nr:0		New flexible summer variety, which stood out in the Scandinavian trials 2016
<b>Severo (E01E.10155)</b>	①	①	✓		✓			Bl:16-32/Nr:0		Medium early Etude type, which can stand more heat.
<b>Batavia Lettuce Open</b>										
<b>Melina (E01F.4581)</b>	①	①	✓	✓	✓			Bl:16-32/Nr:0	LMV:1	Good volume and weight. Upright base, thick leaf, dark colour.
<b>Bovary</b>	①	①	✓		✓			Bl:16-32/Nr:0	LMV:1/Fol:1	Voluminous, vigorous and upright. Good in cold conditions.
<b>Olana</b>	①	①	✓	✓	✓			Bl:16-32/Nr:0	LMV:1	Good colour, volume and weight. Wide window use.
<b>Batavia Lettuce Heading</b>										
<b>Elanda</b>	①	①	✓	✓	✓			Bl:16-27,29,32	LMV:1	Mid sized heading Batavia
<b>Romaine Lettuce</b>										
<b>Totana</b>	①	①	✓	✓	✓			Bl:16-32/Nr:0	LMV:1	Large cos, strong on internal tipburn.
<b>Jeluna New</b>	①	①	✓	✓	✓			Bl:16-32/Nr:0		Large cos, strong on internal tipburn.

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Lettuce		Colour ① = green ② = red	① = Greenhouse ② = Open field	North EU				Resistances		
				Spring	Summer	Autumn	Winter	Hr	Ir	Comments
<b>Romaine Lettuce Mini</b>										
<b>Xamena</b>	①		✓	✓	✓		Bl:16-32/Nr:0	LMV:1/Ss	Mini cos. 1-2cm shorter than Xenalora. High quality	
<b>Xenalora</b>	①		✓	✓	✓		Bl:16-32/Nr:0	LMV:1/Ss	Mini cos. Good resistance.	
<b>Xaroma</b>	①		✓	✓	✓		Bl:16-27,29,32/Nr:0	LMV:1/Ss	Mini. Nice shape, well filled and closed head.	
<b>Xalbadora (E01G.10273) New</b>	①		✓	✓	✓		Bl:16-32/Nr:0	LMV:1	New fullresistant Xanadu type	
<b>Xiomara (E01G.10515) New</b>	①		✓	✓	✓		Bl:16-32/Fol:1/Nr:0	LMV:1	New faster Xamena type. Suitable for net-protection.	
<b>Moonred New</b>	②			✓	✓		Bl:16-26,28-32	LMV:1	Mini with deep-red colour in contrast to fresh green bottom	
<b>Ovired</b>	②		✓	✓	✓		Bl:16-21,23-26,28-32		Mini. Good contrast with dark red top and green bottom	
<b>Little Gem Lettuce</b>										
<b>Carterham</b>	①		✓	✓	✓		Bl:16-32/Nr:0/Pb	LMV:1	Dark green. Maureen type with full resistance.	
<b>Oakleaf Lettuce</b>										
<b>Plezir New</b>	①		✓	✓	✓		Bl:16-32/Nr:0	LMV:1	Fast well-filled shiny green Oak-leaf	
<b>Mathix</b>	②		✓	✓	✓		Bl:16-32/Nr:0/Pb	LMV:1	Voluminous. Good vigour.	
<b>E01L.30313 New</b>	②		✓	✓	✓		Bl:16-32/Nr:0	LMV:1	Attractive red colour for entire season	
<b>Magellan</b>	②		✓		✓	✓	Bl:16-32/Nr:0		Good volume. Grows well in cold conditions.	
<b>Krokan</b>	②		✓			✓	Bl:16-28,30-32/Nr:0		Compact, reliable, easy filling.	
<b>Lollo Rossa &amp; Lollo Bionda</b>										
<b>Dabi</b>	①		✓	✓	✓		Bl:16-32/Nr:0	LMV:1/Fol:1	Mid green. Fine curl. Good filling. Voluminous.	
<b>Ilema New</b>	①		✓	✓	✓		Bl:16-32/Nr:0/Pb	LMV:1/Fol:1	Green lollo with good shelf life.	
<b>Lea</b>	②		✓	✓	✓		Bl:16-32/Nr:0	Fol:1	Triple red. Nice round shape.	
<b>Azirka (E01L.30190) New</b>	②		✓	✓	✓		Bl:16-32/Nr:0		Cherry-red Lollo Rossa with good volume.	
<b>Babyleaf</b>										
<b>Aerostar New</b>	①		✓	✓	✓		Bl:16-27,29,32	LMV:1	Fast Green Romaine for babyleaf.	
<b>Oaking</b>	①		✓	✓	✓		Bl:16-32/Nr:0	LMV:1	Dark green oakleaf with firm leaves.	
<b>Celinet</b>	①		✓	✓	✓		Bl:16-32/Nr:0	LMV:1	Green batavia. Flexible leaves with good frill.	
<b>Sadawi</b>	②		✓	✓	✓		Bl:16-32/Nr:0		Red oakleaf.	

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# Various Crops

Resistances

Hr

Ir

Comments

## Leafy Vegetables

<b>Curled Endive</b> (Cichorium endivia)	<b>Myrna</b>			Reliable and good sized.
	<b>Matari</b>			Medium to large. For Autumn.
	<b>Benefine New</b>			Reliabel TFM-type with attractive shiny dark colour.
<b>Spinach</b> (Spinacea oleracea)	<b>Escalade F1</b>	Pfs:1-14,16		Summer. Upright, dark-green leaves.
	<b>Acadia F1 New</b>	Pfs:1-13,15,16		Main season spinach with medium sized oval shaped leaves.
	<b>Shelby F1 New</b>	Pfs:1-13,15,16		Widely adaptabel. Nice oval leaves with thick texture.
<b>Turnip Tops</b> (Brassica rapa)	<b>Namenia</b>			Standard variety.
<b>Garden Cress</b> (Lepidium sativum)	<b>Sprint</b>			Grown as seedlings, mustard family.

## Fruit Vegetables

<b>Eggplant</b> (Solanum melongena)	<b>Bartok F1</b>			Heated/non heated greenhouse. Excellent fruit quality.
	<b>Black Pearl F1</b>			Heated/non heated greenhouse, mid-early.
	<b>Mirka F1</b>			Tunnel or open field, strong vigour.
<b>Wintersquash</b> (Cucurbita maxima)	<b>Uchiki Kuri</b>			Orange fruits, early maturing, standard.
	<b>Orange Summer F1</b>			F1 hybrid with high yield, orange fruits.
	<b>Bright Summer F1 New</b>		ZYMV/WMV/PRSV	F1 hybrid, very high yield. Fruit size 0,5 - 1,2 kg.
<b>Wintersquash</b> (Cucurbita moschata)	<b>Early Butternut</b>			Open pollinated Butternut.
	<b>Havana F1</b>		Px/ZYMV	F1 hybrid. Fruits 1,0 - 1,5 kg. Good storability and high yield.
	<b>Tiana F1</b>		ZYMV	F1 hybrid with high yield, fruits 1,0 - 1,5 kg.
	<b>Musquée de Provence</b>			Traditional French variety, large fruits.
<b>Zuchini/Courgette</b> (Cucurbita pepo)	<b>Yellowfin F1</b>		Px/CMV	Yellow squash.
	<b>Dunja F1</b>		Px/ZYMV/WMV/PRSV	Dark green, multiresistant to virusses.
	<b>Zelia F1</b>		Px/CMV/ZYMV/WMV/PRSV	Mid green variety. Multi resistant to virus also CMV.
<b>Melon</b> (Cucumis melo)	<b>Artémis F1</b>	Fom:0,1,2	Px:1,2,5/Ag	Charentais type, for late tunnel and early openfield.
	<b>Tirreno F1 New</b>	Fom:0,1,2/MNSV	Px:1,2,5	Italian Netted type, late tunnel crop.

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Various Crops		Comments
<b>Cabbage</b> ( <i>Brassica oleracea</i> )		
Cauliflower	<b>Janvel F1</b>	Autumn variety with 90 - 100 growing days. Excellent curd.
Kohlrabi	<b>Olivia F1</b>	For greenhouse and early open field.
	<b>Vikora F1</b>	For open field, all season.
<b>Bulb and Root Vegetables</b>		
Leek ( <i>Allium ampeloprasum</i> )	<b>Chinook F1</b>	Early summer offering long shenk and fast growth.
	<b>Cherokee F1</b>	Very upright autumn variety. Helthy and nice blue-green colour.
	<b>Navajo F1</b>	Mid-late to late.
	<b>Blauwgroene Herfst* Axima</b>	Mid-late to late.
	<b>Blauwgroene Herfst* Tadorna</b>	Late, overwintering.
	<b>Blauwgroene Winter* Atlanta</b>	Winter and overwintering.
Radish ( <i>Raphanus sativus</i> )	<b>Celesta F1</b>	Round red. Worldwide standard for open field and glasshouse.
	<b>Pearl</b>	White round radish for openfield.
Root Turnip ( <i>Brassica rapa</i> )	<b>Blanc Globe à Collet Violet</b>	Traditional French turnip, white/violet.
Fennel ( <i>Foeniculum vulgare</i> )	<b>Preludio F1</b>	Hybrid fennel with nice round uniform bulb.
Red Beet ( <i>Beta vulgaris</i> )	<b>Alvro Mono</b>	Early, monogerm beetroot for bunching.
<b>Herbs</b>		
For our organic herb seed, please contact Enza Zaden Germany or have a look at: <a href="http://www.enzazaden.de/Products/herbs/">http://www.enzazaden.de/Products/herbs/</a>		

