



CULINARIS

Quality Seed for Wholesome Food



Tomatoes | Peppers & Chillis | Physalis & Tomatillo | Kales | Oriental Brassicas
Lettuce | Sweetcorn | Cucumbers & Pumpkins | Aubergines | Miscellaneous | Flowers

Catalogue 2020

Organic Seeds for Gardeners and Growers

Welcome!



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CULINARIS - Quality Seed for Wholesome Food is a young initiative for organic seeds. The focus of our selection is on varieties that thrive under low-input conditions and is mainly geared towards the amateur sector (home gardens, container-growing, self-sufficiency). However, vegetable growers with direct marketing can also find suitable varieties in the CULINARIS range. In addition, we provide a diversity of varieties especially well-suited for nurseries that market transplants.

We choose our varieties, which include rarities and entirely new selections, because they have stood out during rigorous trialing in the field. Many have been privately maintained for years and were commercially unavailable, while some were discovered in seed banks, and others were developed through research projects.

To find out more about our work and our partner organisations, please visit our homepage: www.culinaris-saatgut.de

One focus of our work is outdoor tomatoes. Great progress has been made in recent years, so that growing tomatoes outdoors can be enjoyable!

We wish you a good growing season 2020!

The **CULINARIS** team – Quality Seed for Wholesome Food

Cover picture: Gundel, a newly registered outdoor cucumber, which we learned to treasure in the dry years 2018 and 2019 producing masses of fruit without any irrigation in the field. We take our hats off and say: "Thank you Gundel!"

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Sunviva – The world's first tomato variety with an Open Source Seed Licence

What is the Open Source Seed (OSS) Licence?

The protection of commercial seed and plant varieties under licences has become a given in today's seed market. The patenting of seed has become increasingly prevalent. In many cases the parentage of hybrid varieties is kept under lock and key, making free access to breeding information nearly impossible.

Open Source Seed Licensing is a powerful response to the privatisation of our food system's foundation. A working group of plant breeders, agronomists and lawyers have found a way to legally secure seed as a common good under the principles of open source, or the Commons. **The Open Source Licence allows the unrestricted use of seed and ensures that this seed cannot be privately owned. Furthermore, an Open Source Licence acts virally, which means that all future development of an Open Source variety also fall under the licence.**



Our 4 varieties with an Open-Source Seed Licence (Vivaroma, Vivagrande, Sweetcorn Lisanco and Sunviva)

Who grants an OSS Licence?

OSS Licences are not granted by an organisation. They can be used by anyone. However, in order to ensure that the licenced variety is given adequate protection, the OpenSourceSeeds initiative has made it its mission to manage and catalogue all licenced varieties. For more information on the OSS Licence and the OpenSourceSeeds initiative, please visit their website:

www.opensourceseeds.org

Why do CULINARIS-Quality Seed for Wholesome Food use the OSS Licence?

Ever since humans abandoned the nomadic lifestyle of our ancestors, we have become, as farmers and gardeners, the tireless architects of new types and varieties of crops. Over the centuries, we bred and selected a cornucopia of varieties and plant populations. For most of human history, these plants have been freely available to everyone. At CULINARIS-Quality Seed for Wholesome Food, we use plant genetic material that comes from centuries of human selection and free distribution of seed. We make good varieties available and develop and improve old ones so that they are adapted to the needs of today's gardeners. The genetic material of the plants we work with is freely available to us and we want to make sure that our improved varieties are available to farmers and gardeners everywhere, any time, and never fall under private ownership or patent. We use the OSS Licence in order to protect this free access. **We believe that seeds are the foundation of our culture and must be maintained as such for all of humanity!**

How can a small company like ours make a living with this philosophy?

We chose to focus to run our company on cooperation, not competition. We work together with our partners to find prices that make it possible for our company and our partners to get paid appropriately for the work. We maintain a firm focus on the farmers and gardeners who will plant our seed and on the breeders who produce our seed so that we can ensure a continuous investment in the maintenance and development of old and new varieties.

What does OSS-Licensed seed look like and what should I know about it?

OSS-Licensed seed can be recognized by the OSS logo on the packaging.

When you purchase OSS seed, you are consenting to the following licensing agreement:

Abridged OSS Licence: Seeds with the same rights and obligations for all

By acquiring or opening the packet of these plant seeds you accept, by way of an agreement, the provisions of a licence agreement where no costs shall be incurred to you. You especially undertake not to limit the use of these seeds and their enhancements, for instance by making a claim to plant variety rights or patent rights on the seeds' components. You shall pass on the seeds, and propagations obtained therefrom, to third parties only on the terms and conditions of this licence. You will find the exact licensing provisions at <http://www.opensourceseeds.org/en/licence>. If you do not wish to accept these provisions, you need to refrain from acquiring and using these seeds.

Newly designed seed packets

and Balcony Seed Box

Since 2017/2018 we have been producing our own seed packets for resale. The new packets are designed for ease of retail, unlike the old ones. The new packet is much larger, 92 x 145mm, and has a practical European standard hole for racks. In addition, the new seed packets have a bar code, for shop and supermarket sales.

Since 2019 we can offer a free cardboard display for retailers, for displaying our seeds on a table top or counter. The stand has 20 slots for different varieties and can be sent out filled with the first order.



Also new is the Balcony Seed Box developed, with our partner Saat & Gut from Hannover, specifically for gardening in small spaces. The Balcony Seed Box contains 9 seed packets of 10 varieties (one salad mix), all of which can be grown and harvested in a bucket, pot and / or container – the ideal gift! You can purchase the box directly from us in our online shop.

If you are interested in offering our Balcony Seed Box as a retailer please contact us.

If you are interested in our stand, the balcony box, have questions or suggestions feel free to contact us at order@culinaris-saatgut.de or visit our website:

www.culinaris-saatgut.de

Tomatoes

Diversity You Can Taste

We all know the basic round, red supermarket tomato. It looks pretty good, keeps for ages, can be put to myriad uses, and it tastes ... well, of nothing very much.

We've got much higher expectations of our own plants. We want to harvest outstanding tomatoes with mouth-watering flavour. We are pleased to share eight of our favourites with you here.



Clou



Primavera



Dorada



Auriga



Black Cherry



Green Zebra



Resi



Striped Cavern

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Crisp and juicy, **Auriga's** fresh taste toes the line between sweet and tart, making this a great tomato to eat like an apple or add to a salad. **Dorada** and **Primavera** are fruity and sweet; their delicate skin and soft flesh practically melts in the mouth. Both are perfect for eating straight off the vine. Pleasantly tart and crisp, mild flavored **Clou** is an irresistible multi-purpose tomato. A sweet tooth's first choice is **Black Cherry**, an especially sugary tomato with a uniquely tangy aroma.

Green Zebra is one of our top picks for salads: Zesty with a slight touch of tartness, brilliant green skin and flesh, and a delightful aroma. With blushing cheeks and starburst leaves, **Resi** is easy on the eye and a superstar of taste with its exotic, fruity aroma. Trust us, you'll want to show off your harvest! If the taste of raw tomatoes isn't for you, try **Striped Cavern**, a lovely, mild, and uniquely hollow tomato, perfect for stuffing with just about anything that delights your taste buds.

Our tip: Growing a diversity of tomato varieties in your garden doesn't just broaden your flavour experience, it also extends your tomato season, gives you more cooking and eating options, and greatly reduces the risk of diseases wiping out your crop.

More information in the following pages.

Info: As of January 2018 the full tomato collection has been made available in beautifully illustrated seed packets for retail sale.

New Varieties

Cooperatively Selected

With the participation of many colleagues in amateur and commercial growing, transplant production, research and consultancy and in the seed trade, these varieties have been grown organically outdoors¹. They are listed as 'Amateur Varieties' "with no intrinsic value for commercial crop production but developed for growing under particular conditions."

The new varieties are characterised by an improved field resistance to late blight and for the quality of their fruits. They are also nutrient efficient and drought tolerant with reduced need for fertilization and irrigation. They are good for container growing.

With the varieties **Primabella**, **Resibella** and **Rondobella** we now have a range of varieties with extraordinarily stable fruit that can be stored well in comparison to other types, and are thus ideally suited for direct marketing.



Candy **Primabella**

Fruit weight: 30g



Aromatic cocktail tomato with a good balance of sweet and sour. The crisp red fruits hang in beautiful trusses.

Mid-season ripening. Very robust and vigorous plant with dark green foliage. Compact seedlings.



Resibella (298-8)

Fruit weight: 50g



Resibella is a salad tomato. This variety has an intense tomato flavour and a good balanced taste (even after cold nights), with good yields outside. The classic red fruits are juicy, outstanding for fresh consumption and snacking. Early ripening, vigorous variety. Strong-growing seedlings.



Rondobella (298-1)

Fruit weight: 100g



Rondobella is a large salad tomato with an exceptionally fruity taste and intense tomato flavour. The round red fruits are relatively firm and therefore ideal for salads and cooking. The tomatoes are hanging on small trusses with 4-6 fruits. Early to mid-season ripening. The variety is vigorous. Strong-growing seedlings.

¹ Information on the Organic Outdoor Tomato Project:
<https://tinyurl.com/Outdoor-Toms> and: <http://www.culinaris-saatgut.de/infos-links/>

We have placed these three new varieties under the Open Source Seed Licence. Anyone may freely use open-source seed - that is, grow, propagate, develop it further and use it for breeding. No one, however, may privatise the seed and its developments - the licence excludes patent and plant variety protection.²

Sunviva was the first tomato with this licence. We now have also licenced **Vivaroma** and **Vivagrande** to drive the initiative forward. Have fun with them!



First **Sunviva**
Fruit weight: 20g



Sunviva has bright yellow fruits, is particularly juicy and has a strong, fruity aroma. Suitable for snacking, for decorating salads and as an ingredient in various vegetable dishes. Very robust and suitable for multi-stemmed training. Very precocious. Strong-growing seedlings.



Vivaroma
Fruit weight: 50g



Classic red, juicy salad tomato with an exceptionally intense tomato flavour and a pleasantly thin skin. Excellent for both salads and fresh use. Early to mid-season ripening. Medium vigour and foliage density. Medium-sized, vigorous seedlings.



Vivagrande (232-x)
Fruit weight: 200g



Classic red beef tomato for cooking or in sandwiches. Mid-season ripening. Very robust, low-growing plant with medium foliage density. Compact, strong young seedlings.

² <https://www.opensourceseeds.org/en/licence>

Price for new varieties:

	Packet (12 seeds)	50 Seeds	250 Seeds	1000 Seeds
Per variety	3,90 €	9,50 €	45,00 €	150,00 €



Classic Red **Primavera**

Fruit weight: 25g

Luminous, red-orange fruit that melt in the mouth.

Especially juicy and fruity-sweet.

Early ripening.

Robust, mid-sized plant with average foliage density.

Strong, compact seedlings.



Classic Yellow **Dorada**

Fruit weight: 25g

Irresistible golden-yellow fruit, resistant to cracking.

Especially juicy and fruity-sweet.

Early ripening.

Robust, mid-sized plant with average foliage density.

Strong, compact seedlings.



This one's got bite! **Clou**

Fruit weight: 35g

Crisp, juicy yellow fruit with mild, pleasantly tart flavor.

Great multi-purpose fruit.

Early ripening.

Healthy plant with loose foliage, potato-leaf type.

Large, strong seedlings.



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Price for Primavera, Dorada, Clou:

	Packet (12 Seeds)	50 Seeds	250 Seeds	1000 Seeds
Per variety	3,90 €	8,00 €	37,00 €	120,00 €

Wild Tomato

(Lycopersicon pimpinellifolium)

These are pretty close to the original tomato! Dainty, with boundless energy to grow, the best of their kind also boast the following qualities:

- Robustness (as long as there is plenty of airflow and sun)
- Low fertilizer and water needs
- Generous amounts of fruit
- Great for children
- Can be grown creatively as an ornamental feature, for e.g. in buckets on the balcony.

Not suitable for training as cordons!



Rote Marmor (Red marble)

Fruit weight: 2g

Blushing pinky-red, soft, and sweet, these tiny fruits are calling out to be snacked on.

Very compact, vigorous seedlings.

Higher temperature needed during germination!



Golden Currant

Fruit weight: 6g

Sweet, cherry-sized fruit are a joy for big and small!

Very compact, vigorous seedlings.



Growing Information:

Wild tomatoes need plenty of space to spread. They are at their best beside a fence, wall, or along a path. Arrange bamboo stakes as supports in the home garden, or use the "Göttingen System" (see picture) for the market garden.

More information: <http://www.culinaris-saatgut.de/infos-links/>



Price for Wild Tomatoes:

	15 Seeds	50 Seeds	250 Seeds	1000 Seeds
Per Variety	2,90 €	5,00 €	22,50 €	70,00 €

Diversity

for the Home Garden

These varieties have withstood the test of time in a number of locations, under distinct growing conditions, not only outdoors. They're a standard hit in the home garden - we recommend a mix.



The High-fliers ... **Cerise Gelb** (Cerise Yellow)³
Fruit weight: 20g

Vigorous and robust plant with curling leaves typical of the variety. Harvest period for this mild, juicy cocktail tomato is notably long.



... & **Cerise Rot** (Cerise Red)³
Fruit weight: 25g

Vigorous and robust plant with curling leaves typical of the variety. Harvest period for this mild, juicy cocktail tomato is notably long.



Red Teardrop **Celsior**
Fruit weight: 12g

This mid-size plant bears extraordinary cocktail tomatoes. Best yields occur during the second half of the season. Great taste and beautiful firm, juicy consistency - a perfect addition for the fall.



The Tried and Tested **Matina**
Fruit weight: 60g

Matina is a reliable stand out with lovely potato-leaf foliage and bountiful yields. Thanks to prompt ripening, good early season yields can be expected. Further yields are weather-dependent. Classic salad tomato, sweet and juicy.



³ not yet registered and therefore labelled as seed for research purposes under the EU's plant reproductive material legislation §43 of the seed regulation



Classic Italian **De Berao**

Fruit weight: 80g

Robust plants with elongated, oval red fruit. A great cooking tomato, perfect for soups, sauces, ketchups, and anything else that will preserve this tomato's flavour for the winter.



The Newbie **Rote Zora³**

Fruit weight: 100g

This tomato mixes things up with its sumptuous, elongated raspberry-red fruit, and elegant, pinnate leaves. Beautiful in the garden and on the plate. Mild, aromatic flavor, perfect for salads and cooking.



Through Rose-tinted Glasses... **Paprikaformige** (Pepper-shaped)³

Fruit weight: 200g

This variety's diminutive growth habit does nothing to slow down the bountiful production of heavy, ribbed fruit. Early-season harvests are very reliable, late-season harvests strongly weather-dependent. Mild and aromatic. Also well suited for growing under cover, and therefore popular with market gardeners wanting to expand their heirloom availability.

For several years now, Resi has been the standout variety in all of our long-term field trials. It has also been admitted to the EU catalogue as an amateur variety.



The Standout **Resi**

Fruit weight: 20g

Generous, dark green foliage and a slender stature give this plant a certain ornamental flair. Though yields of Resi's aromatic, scarlet fruit can be slightly less plentiful than other varieties, the length of the harvest makes up for it. Very robust. Compact, sap green seedling.



Price for "Varieties for the Home Garden":

		50 Seeds	250 Seeds	1 000 Seeds
Per Variety	2,90 € (20 Seeds)	4,50 €	12,50 €	40,00 €
Resi	3,90 € (15 Seeds)	8,00 €	37,00 €	120,00 €

Bush Tomatoes

Traditional diversity for your balcony

- Easy growing in 5-10 litre pots on the balcony, deck, or under cover in a greenhouse.
- Determinate growth eliminated the need for pruning.

Grown together, even the youngest bush tomatoes present a lovely array of contrasting leaves and fruit. Enjoy good yields and a long harvest.



Ida Gold

Fruit weight: 30g

Masses of glowing golden-orange fruit and an early harvest make these tasty cocktail tomatoes a favourite.



Fuzzy Wuzzy

Fruit weight: 30g

The name's the game: Grey-green leaves covered in soft down, and pointy, crimson fruit with golden stripes characterise this showpiece variety.



Tigerette Cherry

Fruit weight: 35g

Lime-colored leaves compete for attention with lemon-yellow fruit. Compact growth habit, juicy and flavorful fruit.



Silbertanne (Silver Fir Tree)

Fruit weight: 120g

Big, juicy, beefsteak-type tomatoes provide a striking contrast to Silver Fir's shimmering, filigree foliage.



Price for Bush Tomatoes:

	20 Seeds	50 Seeds	250 Seeds	1000 Seeds
Per variety	2,90 €	5,00 €	22,50 €	70,00 €

Colourful Heritage Tomatoes

for diversity

We recommend growing these vibrant heritage varieties as cordons and under cover in the greenhouse. We grow these tomatoes in field under a small cover with limited fertilizer and no irrigation, and selected them based on their high performance, robust health, and outstanding flavour.



Slivowidnij

Fruit weight: 10g

Fan-like inflorescences bear masses of succulent, oval yellow fruit.

Sweet and slightly tart, these are the perfect snacking choice. Generous growth habit, also does nicely in planters.

Harvest whole branches of unripe fruit before a frost and hang them indoors to ripen.



Zitronentraube (Lemon Drop)

Fruit weight: 20g

Lemon Drop's numerous lemon-yellow ribbed oval fruit grow on generous plants and boast a pleasing acidity. The flowers' scent is reminiscent of lemons. High yielding even later on in the season. Ripening begins mid-season. Average growth habit with succulent, bright green plants.



Black Cherry

Fruit weight: 23g

Cocktail tomato with a wonderful fragrance and lovely, soft flesh. Transparent skin and purple-red flesh.

Vigorous growth habit.

A winner in the market garden.



Black Plum

Fruit weight: 45g

Squat, oval fruit with elegant dark red flesh are predestined for sauces, soups, or pastes. Also do nicely in salads.

Strong, robust plants.





White Peach

Fruit weight: 50g

Covered in a light peachy fuzz, this tomato ranges in color from creamy white to yellow with a mild, fruity flavor and extraordinarily soft skin. White Peach yields large numbers of delicious fruit even in cooler regions. Plants are slender and strong with few suckers and relatively light foliage.



Auriga

Fruit weight: 65g

Orange fruit that appears lit up from the inside. Sweet and sour fruity flavor and firm skin. A lovely salad tomato. Average growth habit.



Paul Robson

Fruit weight: 105g

A dark red salad tomato with soft flesh and a unique, captivating aroma. Vigorous growth habit with loose foliage. A great variety for the market garden.



Green Zebra

Fruit weight: 120g

Glowing fruit are mottled bright green and yellow when ripe. A great salad tomato with mild acidity and full aroma. Compact plants with average growth. A great variety for the market garden.



Mandoline (Mandarin)

Fruit weight: 150g

Mandarin is a stand-out thanks to its pleasant sweetness and low acidity coupled with an unusually fruity aroma. Great fruit quality and soft skin make it a joy to eat. Ripens mid-season. Average growth habit.

In 2017 and 2018, we trialed many larger fruity beef tomatoes especially for their suitability in terms of fruit health and quality, taste and endurance. Colour, shape and other unique selling points were also included in the selection criteria. The cultivation was carried out under low-input conditions. The following varieties were convincing:



Ananori

Fruit weight: 200g

Ananori is an older beef tomato with excellent taste and exceptional looks. The thin skin and high fruit weight make it better for short transport routes and fresh consumption. The plant has a low to medium vigour, only moderately side-shooting and has strong green foliage. The fruits are flat, slightly-ribbed and have a green to yellow-red marbled colour depending on the ripeness and growing conditions.



Yellow Candystripe

Fruit weight: 80g

Yellow Candystripe is the smallest but the most productive of our new beef tomatoes. The variety is medium early, has medium vigour and bright yellow, round, slightly ribbed fruits. The taste is pleasantly spicy and mild.



Oaxacan Jewel³

Fruit weight: 180g

Oaxacan Jewel is the earliest of our beef tomatoes. The variety is weak but productive, with a good, pleasant mild taste. The variety is potato-leaved, the fruits ripen from yellow to orange to red.

³ not yet registered and therefore labelled as seed for research purposes under the EU's plant reproductive material legislation §43 of the seed regulation

Price for Heritage Tomatoes:

	20 Seeds	50 Seeds	250 Seeds	1000 Seeds
Per variety	2,90 €	5,00 €	22,50 €	70,00 €

Extraordinary Rarities

Three truly extraordinary rarities! These gorgeous varieties are a hit at the farmers' market, add a touch of fancy to an elegant meal, and will no doubt find themselves being admired by the neighbors across the garden fence. All three varieties were bred and admitted as EU amateur varieties by us.



Stuffing Tomato **Striped Cavern**

Fruit weight: 115g

What makes these lovely, square fruit special is that they are practically hollow inside! Cut open the top of the mottled red-yellow fruit, scoop out the seeds, and fill it up with something delicious.

Plants are very healthy with a vigorous growth habit.

Great yields make them suitable for the market garden, too.



True Black! **Indigo Rose**

Fruit weight: 50g

Salad tomato with a slightly spicy aroma. Fruit turn a spectacular black early on in their growth, with an added dark purple blush upon ripening. High anthocyanin content. Good yields at late ripening. Average growth habit.

Avoid exceedingly high temperatures!



Travelling Tomato **Voyage**

Fruit weight: 100g

A bright red tomato with good flavour and an astounding fruit habit. Small individual fruits are fused together into one big cluster that can be picked apart bit by bit. This tomato is the perfect companion for a trip or picnic. No need for knives or napkins! The "Reisetomate" is a great showpiece for garden and market! Plants have a vigorous growth habit and high yield potential.

Price for Extraordinary Rarities:

	15 Seeds	50 Seeds	250 Seeds	1000 Seeds
Per variety	3,90 €	8,00 €	37,00 €	120,00 €

Sweet Peppers & Chilli Peppers

(Capsicum spec.)

Peppers offer an incredible array of colours, shapes, flavours, and levels of heat. After further trials, we are expanding our pepper range by introducing three more varieties, which also have excellent suitability for growing outdoors. With the new varieties, we want to expand both the range of tastes and uses, as well as the harvest period.



Sweet Pepper **Roter Augsburg**

*Pointed, glowing, sweet red fruit.
Can be grown under cover in a
greenhouse or outdoors.
Ripens early!
From our cooperation with ARCHE NOAH⁴.*



Sweet Pepper **Sweet Chocolate**

Sweet Chocolate boasts a mild flavor and ripens early in the season. Its beautiful colouring goes from dark green to rich chocolate when ripe. Fruit are elongated to blocky with a fruit weight of about 150g. This pepper does well outdoors. Plants are compact and therefore suitable for growing in pots or containers.



Sweet Pepper **Sweet Banana**

Sweet Banana is a mild-flavoured, high-yielding sweet pepper that thrives outdoors. Its intense peppery flavour ranges from pleasantly fresh to fruity. Elongated fruit are up to 20cm long and 5cm across and transition from yellow to red as they ripen. Thanks to their slight curvature, the yellow fruit are reminiscent of bananas. These peppers are delicious harvested yellow or red and can be enjoyed raw, cooked, fried, grilled or filled.





Chilli **Prairie Fire**

A fiery hot chilli pepper with great flavor and pleasant texture. Well suited for cooking or preserving. Real chilli lovers might even enjoy this one raw! Small, squat, and bushy plant, covered in upright fruit, which turn from matte-yellow to dark red as they ripen. Pleasing to the eye and highly productive, this plant does well in the garden, in a pot, or on the windowsill.



Hot Pepper **Poromeo** (Fresno)

Fresno is an early-ripening, high-yielding hot pepper suitable for growing out of doors.

The pointed fruit start out green and ripen to a beautiful dark red, reaching a length of about 7cm. This variety's highly aromatic fruit are given a hotness rating of 5, making them great for cooking, frying, filling or pickling. These peppers also do well dehydrated or dried in the oven and then pulverized to make a fantastic kitchen spice. Plants are compact and ideal for pots or containers. We recommend staking the plants for extra stability.



Price for Sweet Peppers & Chilli Peppers:

	15 Seeds	50 Seeds	250 Seeds	1000 Seeds
Per variety	2,90 €	5,00 €	22,50 €	70,00 €

Aubergines

(*Solanum melongena*)

There are a huge range of aubergines in terms of shapes, colours, tastes out there. As early as 2011, at Culinaris we started to trial aubergines for unprotected and extensive outdoor cultivation. In 2016 and 2017 we extended our trials with encouraging results!

We see great potential for growing aubergines in Germany. Many varieties are coping extremely well with the recent dry and hot summers and are increasingly producing reliable and high yields. With the varieties **Benary's Blaukönigin** and **Slim Jim**, the first two varieties are now in our variety range, which will have further consequences. We recommend growing together for a long season!

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Aubergine **Benary's Blaukönigin**



Blaukönigin is one of the earliest aubergine varieties and surprises in July with a lush and prolonged harvest.

The variety is ideal for outdoor cultivation, but can also be grown in containers and on the balcony. The compact, rather small variety (heights around 60cm) brings reliable yields even outside the wine-growing regions and convinces with its medium-sized (about 150g) purple fruits and good plant health.

The taste is pleasantly intense, but not bitter. The fruits cook and fry wonderfully. Overall, the variety is very undemanding, requires no support or intensive fertilization and is therefore ideal for the home garden.



Aubergine **Slim Jim³**



Slim Jim convinces under extensive conditions with high yields from midsummer.

The upright, lush leafy variety has numerous elongated purple fruits that grow in clusters. The fruits reach sizes of approx. 15 cm and have an average weight of approx. 100 g. Slim Jim has an excellent intense aubergine taste and is not bitter. The maturity is medium late and prolonged.

In addition to the fruit, the leaves are also purple, which makes Slim Jim a real eye-catcher. The variety is very healthy and, in addition to being grown outdoors, can also do well in containers or on the balcony.

3 not yet registered and therefore labelled as seed for research purposes under the EU's plant reproductive material legislation §43 of the seed regulation

Price for Aubergines:

	15 Seeds	50 Seeds	250 Seeds	1000 Seeds
Per variety	2,90 €	5,00 €	22,50 €	70,00 €

Physalis & Tomatillo

(Physalis spec.)

These Physalis varieties offer a remarkable diversity and suitability for different climatic conditions and purposes. Annual varieties are particularly well-suited for mid-latitudes, since they don't require elaborate efforts to overwinter and reward the gardener with scores of delicious fruit in their very first year. Taste ranges from hearty, tart tomatillos best used for cooking, to sweet, exotic-tasting Physalis with smaller fruit perfect for snacking straight from the plant. Between 2014 and 2015 we completed a successful search for Physalis that do well grown outdoors under low-input conditions.



Large-Fruited Physalis **Pa 1517-033**

We are still working on making this physalis perfect—that's why it is being marketed as a numbered variety for the time being. With extraordinary sweet and sour orange-yellow fruit (above 15°Bx on the Brix scale!), Pa 1517-033 plants are also vigorous and healthy. It is an all-around winner in our book. Fruit can be stored or harvested after the first frost, making them an excellent and tasty source of late-season vitamins. Plants thrive under low-nutrient conditions and need little water.



Physalis **Dulceria**

A diminutive physalis with an exotic, fruity flavour. This variety produces an abundance of small yellow fruit that drop with ripeness and store well. Bushy, dark-green plants are healthy and compact, making them well-suited for growing in pots or planters. Starting seeds in March is recommended, since germination and early plant development can be slow. Pricking out seedlings is preferable to seeding individual seeds. Harvest from June until first frost.



Tomatillo **Aurora**

For a tomatillo, Aurora's yellow, mandarin-size fruit are exceptionally sweet. They make a splendid addition to sauces, are excellent pan-fried, and fully ripened make a great raw snack. Classic salsa recipes call for these tomatillos and plenty of chilli peppers. Young plants are pretty with lush green foliage. First buds can appear prior to transplanting outside. Fruit ripens considerably earlier than most comparable varieties. Start seeds indoors in April till early May, plant outside when all danger of frost has passed. Staking is recommended, but not absolutely necessary. First harvests begin in June.

Price for Physalis & Tomatillo:

	20 Seeds	50 Seeds	250 Seeds	1000 Seeds
Per variety	2,90 €	5,00 €	22,50 €	70,00 €

Cucumber

(Cucumis sativus)

In 2017 and 2018 we grew, tested and selected from a wide range of cucumbers for field cultivation. They had to cope with no additional fertilizer, prolonged drought and periodic heavy rain events. The care was reduced to a minimum. Our focus was on yield, taste, low bitterness formation, leaf and fruit health. After GU-7632, which has now been approved as **Gundel**, another cucumber is added this year – **GU-4401**. Grown together, these two varieties ensure a cucumber harvest over the entire season.



Gundel (GU-7632)

Gundel is the ideal cucumber for extensive outdoor cultivation (intensive cultivation has not yet been tested). The variety also has a very good aromatic taste and produces a high yield over a long period. The leaf health is very good and even in extreme drought the fruits do not get bitter. The cucumber is ideal for salads and fresh consumption, but is also great in smoothies. The young plants are strong, the plants have a medium vigour.



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Salad Cucumber GU-4401

Gu-4401 is earlier than Gundel and can therefore extend the harvest period, but in dry weather without irrigation, the harvest ends earlier. It is also very healthy and copes extremely well with dryness and low fertilizer levels.

The fruits are longer and heavier and more closely resemble a classic "cucumber". The taste is very fresh and balanced.

Price for Gundel & GU-4401:

	20 Seeds	50 Seeds	250 Seeds	1000 Seeds
Per variety	3,90 €	8,00 €	37,00 €	120,00 €



Lemon Cucumber Lemon

Vigorous climbing and branching plants with small leaves and delicate vines. Lemon-sized fruit are ready to harvest when they turn from green to lemony-yellow. Great cucumber flavour. Thrives outdoors, in the greenhouse, or in planters. A garden fence or trellis can make harvesting easier. These are a fantastic alternative to regular cucumbers!

Price for Lemon Cucumber:

	20 Seeds	50 Seeds	250 Seeds	1000 Seeds
Per variety	2,50 €	5,00 €	22,50 €	70,00 €

Pumpkin, Squash & Courgettes

(*Cucurbitaceae*)

These three varieties from the Cucumber family are worthwhile for the home garden, the production of young plants, as well as produce for the market stall.



Winter Squash **Green Jugin**
(Green Delicious)
(*Cucurbita maxima*)

An outstanding pick from the ARCHE NOAH⁴ selection. Firm, dense, aromatic flesh is perfectly suited for cooking, roasting, or baking. Fruit weight 2-3 kg.



Oil Pumpkin **Gleisdorfer**
(*Cucurbita pepo*)

Strong, vigorously growing vines. Nutty seeds are hull-less and thus ideal for eating. Known to be beneficial for prostate health. Pumpkins can be harvested early or late, flesh is prepared like courgette. Fruit weight 3-7 kg.



Courgette **Cocozelle von Tripolis**
(Verte non coureuse d'Italie)
(*Cucurbita pepo*)

A heritage variety with long, mottled green fruit. Does well in planters, too.



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4 www.arche-noah.at

Price for Pumpkin, Squash & Courgette:

	12 Seeds	50 Seeds	250 Seeds	1000 Seeds
Per variety	2,50 €	5,00 €	22,50 €	70,00 €

Unusual climbers

(*Cucurbitaceae*)



Achocha **Cyclanthere**
(*Cyclanthera pedata*)

The *Cyclanthere* is a strongly climbing *Cucurbit* suitable for greening wire mesh or facades with tensioned bands. Can grow over 2 m high. The fruits can be harvested at olive size for eating. Raw or pickled, they taste like small cucumbers, cooked they taste like asparagus.⁵ It can be grown in large containers and in pots.



Bottle Gourd **Calabash**
(*Lagenaria siceraria*)

Fruits are 20-40 cm long and grow in a wide variety of shapes. Specially bred for rougher climates. Woody fruit can be turned into bowls, toys, instruments, birdhouses, or other useful objects. They will harden over winter in a warm, dry spot. If mould appears, gently scrape off the upper layer of skin and dry fruit quickly. Can be grown in planters.

Price for Unusual Climbers:

	10 Seeds	50 Seeds	250 Seeds	1000 Seeds
Per variety	2,90 €	9,50 €	45,00 €	150,00 €



Cucamelon **Melothria**
(*Melothria scabra*)

Melothria grows abundantly on the balcony, in a container or in the garden. It needs support, a fence or the like, and can reach heights of a good 2.50 m.

The numerous small, oval fruits impress with their unusual appearance and crispy-sour fresh, as well as the intense, citrusy-gherkin taste.



5 Nice recipes (in German): <http://www.culinaris-saatgut.de/infos-links/>

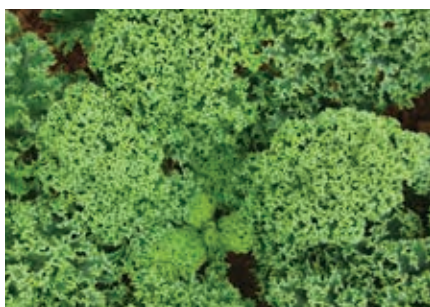
Price for Melothria:

	20 Seeds	50 Seeds	250 Seeds	1000 Seeds
Melothria	2,50 €	5,00 €	22,50 €	70,00 €

Kale

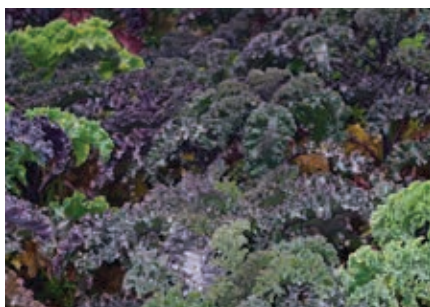
(Brassica oleracea var. sabellica)

These kale varieties got their start as part of a project at the University of Göttingen aimed at widening the spectrum of available vegetable varieties. The goal is to include more colours, shapes, and flavours. Selected varieties are not only standout specimens, but grow with little water and fertilizer, and possess an above-average degree of winter hardiness, making them all around all-stars!



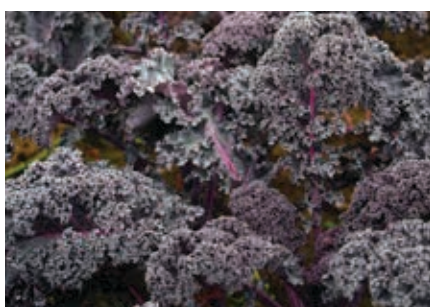
Green Kale **Niedriger Grüner Krauser**
(Lage Moskrul)

Lage Moskrul is a winter hardy variety with dark, ruffled leaves. It does not get very tall, and can therefore “hide” well under an insulating layer of snow. Can be grown in planters or pots, too.



Brown Kale **Altmärker Braunkohl**⁶

This heirloom's foliage runs the gamut from green to red to purple. The plant grows to be of average or above-average height. Ease of harvest and gorgeous leaf colouration are a joy for the home and market gardener. An EU Amateur Variety registered by us.



Red Kale **Hoher Roter Krauser**
Tall Red Curly

Glowing reddish plants are tall and sport a lovely, robust crown. Very winter hardy.

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⁶ A detailed article on this variety is available on request.

Price for Kale:

	Packet (sufficient for min. 50 plants)	500 Seeds	1 000 Seeds
Per variety	2,50 €	5,80 €	9,20 €

Oriental Greens

Oriental brassica greens can be eaten fresh in an Asian-style salad, or gently steamed to add a touch of the exotic to any meal.

Selected from several hundred genotypes in seed banks and collections, we trialed the most promising varieties in the field and in containers. We offer you our three favourites here.



Mustard Greens **Feathergreen**
(*Brassica juncea*)

Light green, frilled leaves with a mild, mustardy spice. Makes a lovely addition to salads or vegetable stir-fries.

Harvest like Rocket. Somewhat winter hardy, though best suited for overwintering in an unheated greenhouse.

Can be grown in planters or pots on the balcony. Sowing dates: Feb.-Oct., or anytime if grown indoors.

Abyssinian Cabbage (*Brassica carinata*)

A lovely, nutty addition to salads. Young leaves can also be steamed gently. Flavour is reminiscent of broccoli. Easy to grow⁷.

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Abyssinian Cabbage **Carina**
(*Brassica carinata*)

Shiny purple leaves.

Will grow in planters, pots, and on the balcony.

Sowing dates: March-Sept., or anytime if grown indoors.



Abyssinian Cabbage **Gomenzer**
(*Brassica carinata*)

Green and purple leaves.

Will grow in planters, pots, and on the balcony. Sowing dates: March-Sept., or anytime if grown indoors.



⁷ Growing instructions with background information: www.culinaris-saatgut.de/infos-links/.

Price for Brassica Greens:

	Packet (Sufficient for min. 200 Plants)	500 Seeds	1000 Seeds
Per variety	2,50 €	5,80 €	9,20 €

Lettuce

Spring and Winter Lettuce; Butterhead (*Lactuca sativa*)

Winter salad usually means endives, mache (corn salad), and large-leaf chicory—we invite you to try something a little different this season: extraordinarily tasty head lettuces, planted in autumn and overwintered for an early spring harvest.

Young head lettuce is a lot hardier than you'd think. Until about fifty years ago, when overwintering lettuce was par for the course, home and market gardeners alike profited from getting a head start on their growing season with these early lettuces. From a broad selection of varieties, we chose two of the most unique and interesting ones for our field trials. Even though the grocery stores have greatly improved their assortment of greens over the past ten years, there is one thing they forgot: the very best salads are harvested at home!



Humil

A real old-fashioned butterhead lettuce. Medium-sized, bright green heads with few outer leaves that need removing before eating. Heads have a creamy heart and dense, beautifully filled bodies. Overall pronounced buttery qualities are a pleasant surprise for most gardeners!

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Roter Butterhäuptl (Red Butterhead)

A small red head lettuce that weighs about 200 grams. Early harvest means early colour on your plate! Can be planted quite close together: 25 x 25 cm and tighter.

Our suggestion: plant at half distances and harvest every second lettuce as loose-leaf rather than head lettuce.



These lettuce varieties are intended for early cultivation outdoors or for overwintering. If overwintering, direct seed at the end of August or transplant in mid-October. Make sure that the top of the transplant's soil plug is even with the soil itself. Salads will overwinter with about 8 true leaves. Snow provides the best protection. Hard frosts without snow cover can be dangerous. In this case, cover lettuces with fleece or protect with straw—but wait as late as possible to do this, after Christmas is best.

For more information, please visit our website:

<http://www.culinaris-saatgut.de/infos-links/>

Other Lettuce



Spargelsalat

(Celtuce or Chinese Lettuce)
(*Lactuca sativa* var. *angustana*)

*Lettuce of a different kind!
The focus here is on the fleshy, tasty stem.
Harvested before buds form, celtuce is
peeled and eaten raw or cooked just like
asparagus or kohlrabi.*

*Plants need plenty of space to grow, at least 30 x 30 cm, and some
attention until they reach optimal size.*

*Will form small rosettes that can be harvested and eaten like regular
lettuce.*



Loose-Leaf/Cutting Lettuce **Salad Bowl**

(*Lactuca sativa* var. *crispa*)

*Salad Bowl is a fantastic long-season oak-leaf lettuce that is
slow to bolt. Planted for harvesting as heads, individual plants
will form large rosettes. Leaves are tender and mild and will
regrow two or three weeks after cutting.*



Loose-Leaf/Cutting Lettuce **Redbone**

(*Lactuca sativa* var. *crispa*)

*Redbone is a great loose-leaf/cutting variety! Leaves are shiny
red and plants are late to bolt. This variety rewards us with a
high and continuous yield when harvested as loose-leaf rather
than head lettuce, making it great for the balcony, backyard
and raised bed. Plant like head lettuce.*

Price for Lettuce:

	Packet (Sufficient for min. 50 Plants)	Packet (sufficient for min.500 Plants)	Packet (sufficient for min. 1 000 Plants)
Per variety	2,50 €	7,00 €	12,00 €

Sweetcorn

(Zea mays)



Sweetcorn **Golden Bantam**

Heritage, open-pollinated variety with shapely ears. Perfectly delicious for cooking, grilling, roasting, or eating raw. Visit: www.bantam-mais.de



Sweetcorn **Lisanco**



Lisanco is the first open source² sweetcorn! And delicious! Those who like sweetcorn will love Lisanco. The variety is healthy, stable and produces large, crunchy cobs that are suitable for any use. We recommend sowing several sets to be able to eat fresh corn until autumn. The variety was bred by Hartmut Spieß at Dottenfelder Hof in Germany.



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² <https://www.opensourceseeds.org/en/licence>

Price for Lisanco:

	50 Seeds	250 Seeds	1000 Seeds
Lisanco	2,90 €	6,00 €	18,00 €

In 2014 and 2015 we trialed a wide selection of popcorn varieties. The diversity, especially of kernel colour and form, but also of growth habit, was astounding! When making our selections, we paid special attention to superior taste and plant health while keeping an eye out for extraordinarily beautiful cobs! A silvery-black variety which we call NegroCine was registered in 2016/2017. In 2018 we also registered Bear Paw.



Popcorn **NegroCine**

A dwarf (1 – 1.20 m) variety with a nutty, aromatic flavour. The plants and cobs are easy on the eye and the kernels pop beautifully! Kernels vary in colour from dark blue to greyish-black and have a silvery shimmer. Individual plants send out plenty of side shoots and often yield five or more 10 cm-long cobs. Plants are healthy and robust. NegroCine makes a pretty popcorn; drying cobs also make a great decoration at home, in the shop or at the market stand. We recommend an early greenhouse start in April, particularly in northern latitudes, as full ripening when direct-sown may be hampered by cooler summers.

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Popcorn **Bear Paw**

Bear Paw is a dwarf popcorn variety (1 m – 1,60m) with great flavour, exceptional appearance and very early ripening. Cobs are white and, when well pollinated, tend to split apart into multiple "paws". Cobs reach a length of about 15cm. Plants are healthy and strong. We recommend starting this variety indoors in April, especially in northern regions with short growing seasons.



Price for Sweetcorn/Popcorn:

	50 Seeds	250 Seeds	1000 Seeds
Per variety	2,50 €	5,50 €	16,00 €

Miscellaneous

On the following pages there is a colourful variety of different crops that can give further inspiration for garden and balcony culture.



Schittsellerie (Leaf Celery)
(*Apium graveolens* var. *secalinum*)

This aromatic leaf celery is a tasty variety that can be grown and used much like regular celery or celeriac but is lower maintenance, less disease-prone and needs less space than its counterparts. Beginning in the springtime, leaves can be harvested as a leaf vegetable or for flavouring soups. Leaf celery also does exceptionally well dried or frozen. Somewhat frost tolerant.



Radish **Runder Schwarzer Winter**
(Round Black Winter)
(*Raphanus sativus*)

A gorgeous white-fleshed radish with black skin, this variety grows to about fist-size and stores well for the whole winter.



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Broad Bean **Priamus**
(*Vicia faba*)

Priamus is a predominantly white- but also red-flowering broad bean with a well-balanced flavour. This variety is extremely frost hardy. It is planted in October or November and overwinters well even in northern regions. Plants grow vigorously and harvest yields are high. With a thousand grain weight of about 1 000g this broad bean is slightly smaller than its relatives. Fresh beans are light green, transitioning to light yellow when dried. Plants are mid-sized to large and sturdy. Autumn planting ensures an early crop. This variety does well even with limited available moisture in springtime.





Salsify **Sandwich Island**
(*Tragopogon porrifolium*)

Excellent, slightly sweet aroma reminiscent of creamy oats. These are regarded as a delicacy in the United Kingdom, where they are known as "oyster plant". Grow them like their relative, scorzonera. Harvest begins in September and lasts until the following spring. Left unharvested, plants will set lovely, purple flowers in their second year.

Our **parsnips** are ideal for making soups, vegetables or salads; do not peel, just brush off. Caution: contact with green parts of plants can cause phototoxic skin reactions (see giant hogweed).



Parsnip **White King**
(*Pastinaka sativa*)

A short, fat, mid-sized, tapered parsnip for easy cultivation and harvest on level soils. Strong, aromatic flavour.



Parsnip **Aromata**
(*Pastinaka sativa*)

A slender, aromatic parsnip with butter-colored roots. Its mild flavour and smooth, fine-grained texture make it suitable for eating raw.



Kohlrabi **Superschmelz/Gigant**
(*Brassica oleracea* var. *gongylodes*)

As the name suggest, this variety reaches an enormous size. Can be harvested over the course of several weeks. The base becomes woody, but even the biggest specimens stay tender and juicy inside.

After autumn harvest, they can be stored in the cellar until the spring. Requires twice as much space as regular kohlrabi in the garden.



Price for Miscellaneous:

Per Packet

2,50 €

Flowers

Vegetables nourish us, but our eyes and noses deserve a treat, too!



Morning Glory
(*Ipomea purpurea*)

Stunning, trumpet-shaped flowers in deep blue, blush pink, and coral emerge from lush foliage. Vines grow up to 5 meters in a season, and will climb fences, posts, or teepees.

Better suited to our climate than most other varieties of morning glory. Can also be grown in a planter or on the balcony.



Love in a Mist
(*Nigella damascena*)

This Damascus black cumin is also known as "Love in a Mist". Plants grow to medium height. Flowers, both filled and unfilled, are sky blue.

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Moroccan Toadflax
(*Linaria maroccana*)

The flowers of this exquisite member of the plantain family are like tiny snapdragons.

Low-maintenance, annual plants are diminutive, reaching about 30-50 cm.

Flowers range from rosy-red to violet-blue, and last until the first hard frost.

Plant in clumps to add dashes of colour to flower beds, or grow them in planters or window boxes.



Price for Flowers:

Per Packet

2,50 €



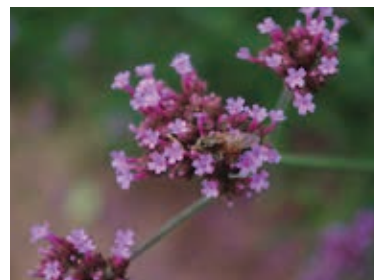
Foxtail Millet **Autumn Fire**
(*Setaria italica*)

A traditional plant for added variety in your garden! Awnless seedheads ripen to red-brown along with leaves, resulting in highly decorative plants. Ideal for dried flower arrangements or birdseed. Can be grown in pots or planters.



Verbene multicolored
(*Verbena bonariensis*)

Perennial Verbena reaches a height of 80 to 150 cm and sports flowers in clusters of long-lasting blue-violet umbels. Flowers last from about July until as late as October. Cold winters can kill the plant, making Verbena winter hardy only to a degree. This beautiful, waifish plant is a special treat for bees.



Dahlia
(*Dahlia variabilis*)

A dwarf variety that reaches a height of about 50 cm. Unfilled blossoms come in a range of colours and flower in the first year. Will overwinter. Start them early to extend the flowering season. Dahlias do very well in pots or planters.

Price for Flowers :

Per Packet

2,50 €

Pricelist Overview

Variety	Packet (7,12,15 or 20 Seeds)	50 Seeds	250 Seeds	1000 Seeds
New Varieties (Tomato)	3,90 € (12)	9,50 €	45,00 €	150,00 €
Primavera, Dorada, Clou	3,90 € (12)	8,00 €	37,00 €	120,00 €
Wild Tomatoes	2,90 € (15)	5,00 €	22,50 €	70,00 €
Tomatoes for the Home Garden	2,90 € (20)	4,50 €	12,50 €	40,00 €
Resi	3,90 € (15)	8,00 €	37,00 €	120,00 €
Bush & Heritage Tomatoes	2,90 € (20)	5,00 €	22,50 €	70,00 €
Exceptional Rarities	3,90 € (15)	8,00 €	37,00 €	120,00 €
Sweet Peppers & Chillis	2,90 € (15)	5,00 €	22,50 €	70,00 €
Aubergines	2,90 € (15)	5,00 €	22,50 €	70,00 €
Physalis & Tomatilo	2,90 € (20)	5,00 €	22,50 €	70,00 €
Cucumber Gundel & GU-4401	3,90 € (20)	8,00 €	37,00 €	120,00 €
Lemon Cucumber	2,50 € (20)	5,00 €	22,50 €	70,00 €
Pumpkin, Squash & Courgettes	2,50 € (12)	5,00 €	22,50 €	70,00 €
Unusual Climbers	2,90 € (10)	9,50 €	45,00 €	150,00 €
Cucamelon - Melothria	2,50 € (20)	5,00 €	22,50 €	70,00 €

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Kale	2,50 € (50 Plants)	5,80 € (500 Seeds)	9,20 € (1000 Seeds)
Oriental Greens	2,50 € (200 Plants)	5,80 € (500 Seeds)	9,20 € (1000 Seeds)
Lettuce	2,50 € (50 Plants)	7,00 € (500 Plants)	12,00 € (1000 Plants)
Sweetcorn Lisanco	2,90 € (50 Seeds)	6,00 € (250 Seeds)	18,00 € (1000 Seeds)
Sweetcorn/Popcorn	2,50 € (50 Seeds)	5,50 € (250 Seeds)	16,00 € (1000 Seeds)
Miscellaneous	2,50 €	Larger quantities on request	
Flowers	2,50 €	Larger quantities on request	

	uninsured	insured (up to 500,-€)
Flat-rate shipping	2,50 €	7,50 €

Sales tax is added to all prices.

Price estimates for larger quantities and the cost of shipping to countries other than Germany are given upon request.

Please use the separate order form to place your order.

All our varieties are open-pollinated, which means that seed can be saved and regrown the following year.

Our seed is certified organic according to the standards of a variety of organic farming associations and is produced regionally on small farms by independent farmers.



CULINARIS



DE-ÖKO-039

Quality Seed for Wholesome Food

