



Alouette



Bionica



Carolus



Connect



Vitabella



*Sarpo
Mira*

GET A TASTE OF
NEW TALENTED
ROBUST POTATO
CULTIVARS

NEW TALENTED ROBUST POTATO CULTIVARS

In the Netherlands the organic sector keeps growing, but organic potato production is lagging behind. This is due to the relatively high disease pressure from *Phytophthora infestans*, which causes foliage and tuber late blight. For organic potato growers this disease still forms a major cropping risk.

In the potato breeding programme Bioimpuls, the Louis Bolk Institute and Wageningen UR are working together with breeding companies and farmer-breeders to develop robust cultivars that are resistant to *Phytophthora*. Thanks to these new cultivars, organic growers now have more chance of yield security.

The next step is to collaborate with organic wholesalers and retailers to make sure that the new cultivars reach the shop shelves and consumers' plates. In the Netherlands, the organic market has already accepted new cultivars such as Bionica, Sarpo Mira and Carolus, but other cultivars are still relatively unknown, and additional promising cultivars will become available for the European market in the near future. Together, these cultivars will offer a complete assortment of boiling, baking and multi-purpose potatoes in various colours and shapes. The new talents are presented in this brochure.

FARMER-BREEDER NIEK VOS ABOUT HIS CULTIVAR BIONICA (NIEK'S WITTE):

"Organically produced, with disease resistance from Mexico and taste from the Dutch polder"

* <http://louisbolk.org/bioimpuls/en/>





Alouette

RED SKIN, YELLOW FLESH,
FAIRLY FIRM. ALSO SUITABLE
FOR FRENCH FRIES.



Bionica

LIGHT YELLOW SKIN,
WHITE FLESH, FAIRLY FIRM.
MULTI-PURPOSE.



Carolus

LIGHT YELLOW SKIN, PINK EYES,
YELLOW FLESH, FAIRLY MEALY. ALSO
SUITABLE FOR FRENCH FRIES.



Connect

LIGHT YELLOW SKIN,
YELLOW FLESH, FAIRLY FIRM.
MULTI-PURPOSE.



*Sarpo
Mira*

RED SKIN, WHITE FLESH,
FAIRLY FIRM. PARTICULARLY SUITABLE
FOR FRENCH FRIES.



Vitabella

LIGHT YELLOW SKIN,
YELLOW FLESH, FIRM. ALSO SUITABLE
FOR FRENCH FRIES.

CROPPING CHARACTERISTICS

Of course, choosing a potato cultivar for the next cropping season not only depends on its taste, looks and cooking qualities: growth and storage characteristics are also key criteria. For example, good early foliage development is desirable in order to suppress weeds. And in addition to resistance to Phytophthora, cultivars also have to be resistant to other diseases that may influence yield and tuber quality. Check out the characteristics of the new organic talents on the right, and make your choice!

DEMETER GROWER
ALEX VAN HOOTEGEM ABOUT VITABELLA:
*"Vitabella has done well and is also a
very tasty table potato"*



ORGANIC GROWER CAREL BOUMA
ABOUT CAROLUS AND CONNECT: *"If we get
the chance, we'll only grow
resistant cultivars"*





Alouette

MID-EARLY MATURITY. RAPID EARLY FOLIAGE DEVELOPMENT. OVAL-LONG TUBERS. LOW SUSCEPTIBILITY TO SCAB, RESISTANT TO PHYTOPHTHORA IN FOLIAGE AND TUBERS.



Bionica

MID-EARLY MATURITY. GOOD EARLY FOLIAGE DEVELOPMENT. ROUND TO OVAL TUBERS. LOW SUSCEPTIBILITY TO SCAB, RESISTANT TO PHYTOPHTHORA IN FOLIAGE AND TUBERS.



Carolus

MID-EARLY MATURITY. RAPID EARLY FOLIAGE DEVELOPMENT. OVAL TUBERS, TWO-COLOURED SKIN. MODERATE SUSCEPTIBILITY TO SCAB, RESISTANT TO PHYTOPHTHORA IN FOLIAGE AND TUBERS.



Connect

MID-LATE MATURITY. RAPID EARLY FOLIAGE DEVELOPMENT, ALSO WHEN FERTILISER INPUT IS LOW. ROUND TO OVAL TUBERS. LOW SUSCEPTIBILITY TO SCAB, VERY HIGH FIELD RESISTANCE TO PHYTOPHTHORA IN FOLIAGE AND TUBERS.



Sarpo Mira

LATE MATURITY. RAPID EARLY FOLIAGE DEVELOPMENT. OVAL-LONG TUBERS. SUSCEPTIBLE TO SCAB, BUT RESISTANT TO PHYTOPHTHORA IN FOLIAGE AND TUBERS.



Vitabella

EARLY MATURITY. RAPID EARLY FOLIAGE DEVELOPMENT. OVAL TUBERS. LOW SUSCEPTIBILITY TO SCAB, RESISTANT TO PHYTOPHTHORA IN FOLIAGE AND TUBERS.

AVAILABILITY OF ORGANICALLY GROWN SEED AND TABLE POTATOES

SEED POTATOES FOR PROFESSIONAL GROWERS



Alouette

AGRICO
P.O. BOX 70 (DUIT 15),
8300 AB EMMELOORD
TEL: +31 (0)651175212
E: E.VOS@AGRICO.NL
W: WWW.AGRICO.NL



Bionica

NIEK VOS
MAMMOUTHWEG 22,
8317 RB KRAGGENBURG
TEL: +31 (0)527 201415
E: NIEK@BIONICAPOTATO.COM
W: WWW.BIONICAPOTATO.COM



Carolus

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TEL: +31 (0)527 298000
E: INFO@DENHARTIGH-POTATO.NL
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Sarpo Mira

DANESPO HOLLAND
RYTTERVANGEN 1,
DK-7323 GIVE, DENEMARKEN
TEL: +31 (0)610 02 87 31
E: FCD@DANESPO.COM
W: WWW.DANESPO.COM



Vitabella

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E: GBOVEE@PLANTERA.NL
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TABLE POTATOES FOR RETAIL TRADE

AGRICO

P.O. BOX 70 (DUIT 15),
8300 AB EMMELOORD
TEL: +31 (0)651545533
E: M.HOLTSLAG@AGRICO.NL
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NIEK VOS

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AGRICO

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FOR SOME OF THE NEWEST
CULTIVARS THE AVAILABILITY OF (SEED)
POTATOES IS STILL LIMITED.

PLEASE CONTACT ONE OF THE
SUPPLIERS IN THE TABLE.

ABOUT THE RESEARCH PROJECT



Co-Free is a collaborative EU project in which research institutes and commercial companies are working together to develop innovative cultivation methods and alternative compounds for the replacement of copper in organic and low-input fruit, grapevine, potato and tomato production systems. The Louis Bolk Institute is one of the partners in this project and involved in developing strategies for market acceptance of new resistant potato cultivars.

For more information about this project please contact

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See also: www.co-free.eu

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