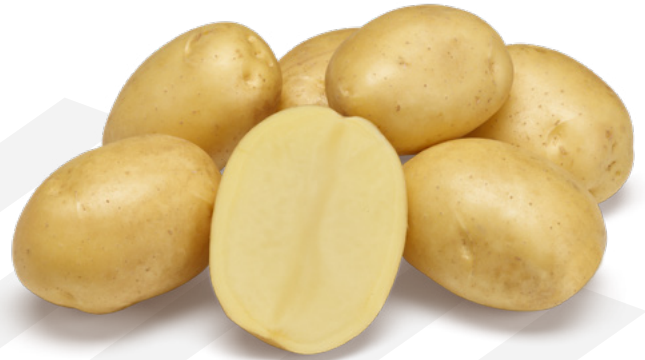


Spectra.

Cultivation recommendation ware / 1-2

Second early, high yielding ware variety with a very regular tuber shape and an attractive smooth skin.

- ✓ Large tubers
- ✓ Good tuberisation
- ✓ Uniform tuber size



General characteristics

- ⦿ **Breeder:** Lantmännen Seed B.V.
- ⦿ **Breeders right:** 31-12-2046
- ⦿ **Crossing:** ARIELLE x SOFIA
- ⦿ **Seedling:** SW 05-1431

Market segment

- ⦿ **Traditional**
- ⦿ **Retail** | Fresh



Plant and tuber characteristics

Maturity	second early / 7
Flower colour	white
Number of berries	none / 4
Foliage: - initial development	fast / 8
Foliage: - final development	quite firm / 7,5
Foliage: - selectability	average / 6
Foliage: - plant firmness	average / 6,5
<hr/>	
Flesh colour	light yellow / 6
Skin colour	yellow
Skin finish	good / 7,5
Tuber size	quite large / 7,5
Tuber shape	oval round
Regularity of tuber shape	regular / 7,5
Tuberisation	quite high / 7
Regularity size	quite regular / 6,5

Sensitivity and quality

Dormancy	quite short / 5
Metribuzin	quite sensitive / 6,5
Bentazon	minimum to none sensitive / 8
Ethylene	5% fewer to 5% more tubers / 5
<hr/>	
Second growth	quite sensitive / 6,5
Growth cracks	quite sensitive / 6
Black spot (internal bruising)	minimum sensitive / 7,5
Harvest damage	quite sensitive / 6
<hr/>	
Underwater weight	324
Dry matter content	17,9%
Dry matter distribution	not tested / -
TGA - level	4,7
<hr/>	
Crisp quality	insufficient / 4
Fries quality	insufficient / 4,5
Cooking type	rather firm / AB
Raw discolouration	very sensitive / 4
After-cooking darkening	quite sensitive / 6

Say potato,
say **Agrico.**

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Resistances

Golden nematode Ro 1/4	resistant / 9
Golden nematode Ro 2/3	not marked / -
White nematode Pa 2	not marked / -
White nematode Pa 3	not marked / -

Late blight-foilage	very susceptible / 4,5
Late blight-tuber	minimum susceptible / 6

Common scab	susceptible / 5
Powdery scab	very susceptible / 4
Fusarium	susceptible / 5,5
Erwinia	not tested / -
Black dot	susceptible / 5
Spraing	susceptible / 5

Virus - Leaf Roll	not tested / -
Virus - A	not tested / -
Virus - X	not tested / -
Virus - Yn	minimum susceptible / 6
Virus - Yntn (tuber)	minimum susceptible / 7

Wart disease F1	resistant / 10
Wart disease F6	moderate susceptible* / 7*
Wart disease F18	not marked / -

Fertilization¹

Nitrogen: standard advice
Phosphate: standard advice
Potassium: standard advice

¹ Level of fertilization is based on soil analysis.

Seed treatment

Desprouting can have a negative impact on the number of tubers.
Spectra can be planted directly out of the cold store.

Planting distance

28/35: 27 cm (50000 plants/ha)
35/55: 33 cm (40000 plants/ha)
Plant Spectra a bit deeper than other varieties to avoid green tubers

Weeds

Use of metribuzin (Sencor) can give some discolouration of the foliage and yield reduction.

Fungicides

A strict preventative spraying schedule against late blight is necessary, as Spectra is susceptible.

Harvest

Two weeks after accurate haulm killing is usually sufficient, as Spectra is quite sensitive to harvest damage and minimum sensitive to black spot.

Storage

Spectra has a short dormancy. Medium term storage (6 months) is possible at 4°C.

Say
growth,
say **Agrico.**

* Results marked with an asterisk (*) are based on our own research, and are not yet officially published.

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