

# Kuras.

**Maincrop variety for cultivation for starch production, potato cyst nematodes resistant and producing a very good starch yield.**

- ✓ White fleshcolour
- ✓ Good storability
- ✓ Good resistances against virus and late blight



## General characteristics

- ⦿ **Breeder:** G. Kuper
- ⦿ **Breeders right:** 31-12-2023
- ⦿ **Crossing:** PG 285 x AR 69-0491
- ⦿ **Seedling:** KU 80-1271

## Market segment

- ⦿ **Processing** | Starch

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## Plant and tuber characteristics

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

## Sensitivity and quality

Dormancy	average / 5,5
Metribuzin	minimum sensitive / 7
Bentazon	not tested / -
Ethylene	not tested / -
Second growth	quite sensitive / 6
Growth cracks	minimum sensitive / 7
Black spot (internal bruising)	quite sensitive / 6
Harvest damage	sensitive / 5,5
Underwater weight	490
Dry matter content	25,9%
Dry matter distribution	not tested / -
TGA - level	33,8
Crisp quality	insufficient / 4,5
Fries quality	moderate / 5,5
Cooking type	floury / C
Raw discolouration	not tested / -
After-cooking darkening	very sensitive / 4,5

**Say potato,  
say Agrico.**

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## Resistances

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

Late blight-foilage	minimum to not susceptible / 8
Late blight-tuber	minimum to not susceptible / 8

Common scab	susceptible / 5,5
Powdery scab	minimum susceptible / 6,5
Fusarium	minimum susceptible / 7
Erwinia	susceptible / 5
Black dot	not tested / -
Spraing	minimum susceptible / 6,5

Virus - Leaf Roll	minimum susceptible / 7
Virus - A	minimum to not susceptible / 9
Virus - X	minimum to not susceptible / 8,5
Virus - Yn	minimum to not susceptible / 8
Virus - Yntn (tuber)	minimum to not susceptible / 9

Wart disease F1	resistant / 10
Wart disease F6	quite susceptible / 5
Wart disease F18	not marked / -

## Fertilization<sup>1</sup>

Nitrogen: standard advice + 5%  
Phosphate: standard advice  
Potassium: standard advice + 10%

<sup>1</sup> Level of fertilization is based on soil analysis.

## Seed treatment

Desprouting can be done, but not more than once.  
The best method to have a good tuber set, is proper pre-sprouting after taking off the top sprout before planting.

## Planting distance

28/35: 25 cm (54000 plants/ha)  
35/55: 30 cm (45000 plants/ha)

## Weeds

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

## Fungicides

A preventative spraying schedule against late blight is necessary, although Kuras is only slightly susceptible.

## Harvest

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

## Storage

Kuras has an average dormancy and is suitable for medium term storage (6 months) at 5°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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## Agrico

P.O. Box 70, 8300 AB Emmeloord / The Netherlands  
Duit 15, 8305 BB Emmeloord / The Netherlands  
T +31 (0)527 63991 / E info@agrigo.nl  
[www.agrigo.nl](http://www.agrigo.nl)

