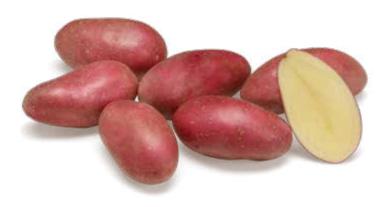
# Meryem.

MARKET SEGMENT

Traditional

A maincrop, high yielding consumption variety with a beautiful red skin.

- Good drought tolerance
- Good tuberisation
- Good virus resistances



### **CHARACTERISTICS**

#### **General characteristics**

**Breeder:** Agrico Research B.V. **Crossing:** LUSA x AR 01-0420 **Seedling:** AR 08-4009

Breeder rights: 31-12-2049

#### Plant and tuber characteristics

Maturity: maincrop / 5

**Light sprout colour:** red violet **Flower colour:** light purple

Number of berries: above average / 6,5 Foliage: - initial development: fast / 8 Foliage: - final development: good / 8 Foliage: - selectability: quite easy / 7 Foliage: - plant firmness: quite firm / 7,5

Flesh colour: light yellow / 6,5

Skin colour: red

Skin finish: above average / 6,5 Tuber size: quite large / 7,5 Tuber shape: long oval

Regularity of tuber shape: quite regular / 6,5

Tuberisation: quite high / 7

Regularity size: quite regular / 6,5

#### Sensitivity and quality

Dormancy: short / 4

Metribuzin: slightly sensitive / 7,5

Bentazon: - / -

Ethylene: 5% to 15% more tubers / 6

**Secondary growth:** quite sensitive / 6,5 **Growth cracks:** slightly sensitive / 7

Black spot (internal bruising): slightly sensitive / 7

Harvest damage: quite sensitive / 6

Underwater weight: 349
Dry matter content: 19,2%
Dry matter distribution: - / -

**TGA - level:** 3,3

Crisping quality: unsuitable / 4
Fries quality: below average / 5,5
Cooking type: rather floury / B
Raw discolouration: - / -

Discolouration after cooking: quite sensitive / 6,5





## **HOW TO GROW**

www.agrico.nl/en/meryem

#### Fertilization<sup>1</sup>

**Nitrogen:** standard advice. **Phosphate:** standard advice. **Potassium:** standard advice + 20%.

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

#### Seed treatment

Desprouting more than once can have a negative impact on yield and size regularity. Can be planted directly out of the cold store, preferably after a short heat shock.

#### **Planting distance**

28/35 mm: 25 cm (54,000 plants/ha) 35/55 mm: 30 cm (45,000 plants/ha)

#### Weeds

After emerge, a standard use of metribuzin (Sencor) doesn't give foliage reaction or yield reduction.

#### **Fungicides**

A strict preventive spraying schedule against late blight is necessary.

#### **Harvest**

Due to its sensitivity scores for black spot and/or harvest damage, wait at least two weeks after haulm killing before harvest.

#### Storage

Preferred storage temperature is 5 °C. Suitable for short to medium term storage.



# Say potato, say Agrico.

#### **Resistances**

Golden nematode Ro 1/4: - / - Golden nematode Ro 2/3: - / - White nematode Pa 2: - / - White nematode Pa 3: - / -

**Late blight-foliage:** very susceptible / 4,5 **Late blight-tuber:** slightly susceptible / 6

Common scab: susceptible / 5,5
Powdery scab: slightly susceptible / 6

Fusarium: susceptible / 5

Erwinia: -/-

**Black dot:** slightly to not susceptible / 8 **Spraing:** slightly to not susceptible / 9

Virus - Leaf Roll: - / -

Virus - A: - / -

Virus - X: - / -

Virus - Yn: slightly susceptible / 6,5 Virus - Yntn: slightly susceptible / 7,5

Wart disease F1: resistant / 10

Wart disease F6: slightly susceptible / 9

Wart disease F18: -/-

