# LADY JANE

AGRIA x CMK2005-709-005



Building on potential

## Added value of the variety

Robust plant, tolerant to climatic stress.
Very suitable for home french fries.
Excellent frying colour throughout the storage period.



## Characteristics

| | | |
|---|---|---|
| Shape of tuber | LO | |
| Av. Tuber length (Ø 50-60 mm) | 8,9 cm | |
| Maturity (9=early, 4=late) | 6,1 | |
| Colour of skin | DY | |
| Colour of flesh | 7,5 | |
| Suitability for cooking | 8 BC | A B C D |

## Soil adaptability

| | Sandy | Light | Heavy |
|---|---|---|---|
| Yield (Relative) | 120 | 117 | 108 |
| DM (%) | 21,9 | 22,6 | 22,9 |
| UWW | 404 | 419 | 425 |
| Tuber size (Ø mm) | 53 | 60 | 55 |

| | |
|---|---|
| Ro1 | 9 |
| Ro2/3 | 3 |
| Ro5 | 6 |
| Pa2 | 3 |
| Pa3 | 1 |
| TRV | 6 |
| Moptop virus | 3 |

*1 = very susceptible to 9 = resistant*

| | |
|---|---|
| wz 1 (D1) | 10 |
| wz 2 (G1) | |
| wz 6 (O1) | 4 |
| wz 18 (T1) | 4 |

*3 = very susceptible to 10 = immune*

## Climate adaptability

| | |
|---|---|
| Drought tolerance | 7 |
| Secondary growth | 7 |

## Resistance / Tolerance

| | |
|---|---|
| Foliar late blight | 9 |
| Tuber late blight | 7 |
| Early blight | 7 |
| Y-virus | 8 |
| Yntn-virus | 7 |
| Leafroll virus | 4 |
| Black dot | 7 |
| Silver scurf | 7 |
| Metribuzin pre-emergence | 5 |
| Metribuzin post-emergence | 5 |

*1 = very susceptible to 9 = resistant*

## Storability

| | |
|---|---|
| Dormancy* (2=short; 8=long) | 5,4 |
| Pressure spots | |
| Fusarium (9=resistant, 1=very susceptible) | 9 |
| Frying/crisping colour in October* | 7,3 |
| Frying/crisping colour in February* | 6,9 |
| Frying/crisping colour in May* | 5,8 |

**Potatoes stored at 8°C without sprout inhibitors*
*Frying/crisping scale : 8= very good, 3=bad*

## Marketable yield

| | |
|---|---|
| Bruising index (0=good-50=bad) | 22 |
| Hollow heart (%) | 3 |
| IRS (%) | 2 |
| Washability | 6 |
| Common scab | 7 |
| Powdery scab | 6 |
| Mechanical Damage | 5 |

*1 = very susceptible to 9 = resistant*

*Meijer Potato will not be responsible for possible negative effects originating from this advice.*

# LADY JANE

MEIJER POTATO

## Planting

Be aware of the risk of internals on very sandy soils.

Wait for eyes to open before planting.

Plant deep and make big ridges in order to avoid tuber greening.

| Size | 75 cm | 90 cm | Plant/ha |
|---|---|---|---|
| 28/35 | 28 cm | 23 cm | 47600 |
| 35/50 | 38 cm | 32 cm | 35100 |
| 50/60 | 44 cm | 37 cm | 30300 |
| 50/60 CUT | 35 cm | 29 cm | 38100 |

## Fertiliser input (kg/ha):

Depending on the soil supply and applicable national legislation; total amount required by the variety.

*To prevent mineral deficiencies, apply these elements in time ( B, Mg, Mn, Ca )*

| | | | | |
|---|---|---|---|---|
| (N) Nitrogen: | Average needs for a mid-late variety | 250 | kg/ha | *Netherlands based advice* |
| (P2O5) Phosphate: | Average needs | 110 | kg/ha | |
| (K2O) Potassium: | High needs | 350 | kg/ha | |



| | | |
|---|---|---|
| (N) Nitrogen: | 80% | 20% |
| (P2O5) Phosphate: | 100% | |
| (K2O) Potassium: | 70% | 30% |

Apply potassium just before planting AND during the growing season to reduce bruising risk.

Despite very strong foliage, split nitrogen applications are needed to maintain haulm vigour until the end of bulking.

## Crop protection

Rather susceptible to the use of 450 g/ha of Metribuzin at pre-and post-emergence.

Manage late blight control as usual : spray when there is risk, with full dose and at normal frequency.

Tuber bulking occurs during foliar senescence; allow natural senescence to achieve optimum yield.

Wait for complete seed disintegration before harvesting.

## Harvest and storage

Harvest carefully; susceptible to bruising.

After harvest, start immediately drying the crop in store.

Short dormancy; after harvest and wound healing cool down quickly,

keep the temperature stable and start with sprout control.

For home french fries purpose please store at 7°C.

**Storage:**

7 °C

8 months

**Key advice to succeed this variety:**

Plant deep and make big ridges in order to avoid tuber greening.
Despite very strong foliage, split nitrogen applications are needed to maintain haulm vigour until the end of bulking.
Apply potassium just before planting AND during the growing season to reduce bruising risk.
Tuber bulking occurs during foliar senescence; allow natural senescence to achieve optimum yield.
Harvest carefully; susceptible to bruising.

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