

# LADY LUCE

LADYANNA x CMK2008-071-009



Building on potential

## Added value of the variety

- White flesh and long shape variety for premium market.
- Robust plant, tolerant to climatic stress.
- Excellent frying colour throughout the storage period.
- Gives high yields from all soil types.
- Uniform tuber size with high marketable yield.

## Characteristics

Shape of tuber	LO	
Av. Tuber length (Ø 50-60 mm)	9,2 cm	
Maturity (9=early, 4=late)	6,0	
Colour of skin	LY	
Colour of flesh	4,8	
Suitability for cooking	7.9 AB	

## Soil adaptability

	Sandy	Light	Heavy
Yield (Relative)	108	118	111
DM (%)	20,5	21,9	21,6
UWW	375	405	398
Tuber size (Ø mm)	52	56	61

Ro1	9	
Ro2/3	6	
Ro5	1	
Pa2	9	
Pa3	8	
wz 1 (D1)	10	
wz 2 (G1)	4	
wz 6 (O1)	5	
wz 18 (T1)	1	
TRV	5	
Moptop virus	Tolerant	

## Climate adaptability

Drought tolerance	Rather tolerant
Secondary growth	7

## Fertiliser requirement

	N	P	K	Mg	B	Ca	Mn
Quantity	Low (-25%)	Standard	Standard	Standard	Standard	Standard	Standard
No. applications	1	1	1	6	1	1	1

## Chemical requirement

Foliar late blight	3
Tuber late blight	Rather susceptible
Early blight	Tolerant
Y-virus	7
Yntn-virus	8
Leafroll virus	Tolerant
Black dot	Tolerant
Silver scurf	Tolerant
Metribuzin pre-emergence	Tolerant
Metribuzin post-emergence	Tolerant

## Storability

Dormancy* (2=short; 8=long)	7,0
Pressure spots	Rather tolerant
Fusarium	6
Frying/crisping colour in October*	7,7
Frying/crisping colour in February*	7,8
Frying/crisping colour in May*	7,6

\*Potatoes stored at 8°C without sprout inhibitors

## Marketable yield

Bruising index (0-50)	16
Washability	6
Common scab	6
Powdery scab	7
% IRS	5
% Hollow heart	1
Mechanical Damage	

# LADY LUCE



## Planting

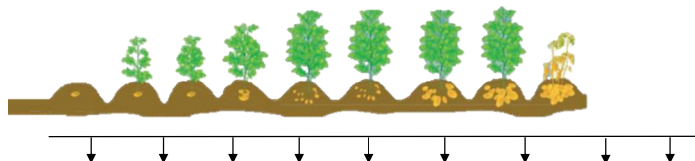
Avoid soils that are high risk for TRV.  
Wait for eyes to open before planting.  
Plant at a normal depth.

Size	75 cm	90 cm	Plant/ha
28/35	36 cm	30 cm	37000
35/50	41 cm	34 cm	32500
50/60	48 cm	40 cm	27800
50/60 CUT	39 cm	33 cm	34200



## Fertiliser input (kg/ha):

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



Nitrogen:	(N)	200	200
Phosphate:	(P <sub>2</sub> O <sub>5</sub> )	110	110
Potassium:	(K <sub>2</sub> O)	300	300

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

Do not apply potassium chloride in order to avoid french fries grey discolouration.  
Supply 25% less nitrogen than your references varieties and apply all at planting time.




## Crop protection

Variety susceptible to foliar late blight, do not neglect blight control.  
Start late blight control in time.



## Harvest and storage

After harvest, start immediately drying the crop in store.

**Storage:**  
7 °C  
9 months

### Key advice to succeed this variety:

Avoid soils that are high risk for TRV.  
Do not apply potassium chloride in order to avoid french fries grey discolouration.  
Supply 25% less nitrogen than your references varieties and apply all at planting time.

