

# LADY LUCE

LADYANNA x CMK2008-071-009



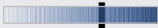

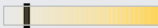

Building on potential

## Added value of the variety

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



## Characteristics

Shape of tuber	LO	
Av. Tuber length (Ø 50-60 mm)	9,1 cm	
Maturity (9=early, 4=late)	6,0	
Colour of skin	LY	
Colour of flesh	4,7	
Suitability for cooking	7,9 AB	

## Soil adaptability

	Sandy	Light	Heavy
Yield (Relative)	105	110	109
DM (%)	20,1	21,3	21,3
UWW	369	393	391
Tuber size (Ø mm)	52	57	56

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

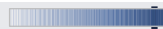
## Fertiliser requirement

	N	P	K	Mg	B	Ca	Mn
Quantity	Low (-25%)	Average	Average	Average	Average	Average	Average
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	
Black dot	Rather susceptible
Silver scurf	Rather susceptible
Metribuzin pre-emergence	Tolerant
Metribuzin post-emergence	Tolerant

## Storability

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

\*Potatoes stored at 8°C without sprout inhibitors

## Marketable yield

Bruising index (0-50)	12
Washability	6
Common scab	6
Powdery scab	7
% IRS	6
% Hollow heart	1
Mechanical Damage	

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## Planting

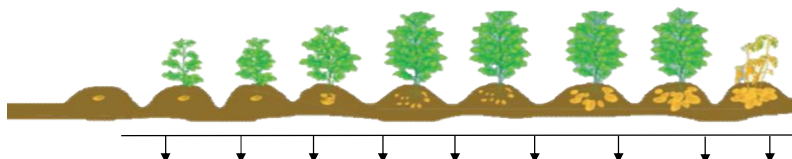
Avoid soils that are high risk for TRV.  
Wait for eyes to open before planting.  
Plant at a normal depth.  
Protect the variety against black dot.

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)	350	350

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

Low Nitrogen requirement, excessive N will suppress DM%.  
Apply all fertilisers before or at planting time.



## Crop protection

Variety without blight resistant gene, do not neglect blight control.



## Harvest and storage

After harvest, start immediately drying the crop in store.



### Storage:

7 °C  
10 months

### Key advice to succeed this variety:

Avoid soils that are high risk for TRV.  
Low Nitrogen requirement, excessive N will suppress DM%.  
Apply all fertilisers before or at planting time.

