

# LADY AVALON (CMK2017-522-007)

CMK2013-906-005 x LADYALICIA



Building on potential

## Added value of the variety

Suitable for early processing  
Can be used for early green harvest, for direct processing.  
Good resistance to Potato cysts nematodes.  
Early dry matter development.  
Good crisping quality after long term storage.



## Characteristics

Shape of tuber	R	
Av. Tuber length (Ø 50-60 mm)	6,7 cm	
Maturity (9=early, 4=late)	6,4	
Colour of skin	DY	
Colour of flesh	7,6	

## Soil adaptability

	Sandy	Light	Heavy
Yield (Relative)	86	86	87
DM (%)	27,5	27,7	27,8
UWW	515	519	524
Tuber size (Ø mm)	55	58	65

Ro1	9	
Ro2/3	8	
Ro5	1	
Pa2	9	
Pa3	7	
wz 1 (D1)	5	
wz 2 (G1)	9	
wz 6 (O1)	6	
wz 18 (T1)	4	
TRV	7	
Moptop virus	Tolerant	

## Climate adaptability

Drought tolerance	
Secondary growth	8

## Fertiliser requirement

	N	P	K	Mg	B	Ca	Mn
Quantity	Average	Average	High (+25%)	Average	Average	Average	Average
No. applications	1	1	2	1	1	1	1

## Chemical requirement

Foliar late blight	4	
Tuber late blight	Rather susceptible	
Early blight		
Y-virus	8	
Yntn-virus	10	
Leafroll virus		
Black dot		
Silver scurf		
Metribuzin pre-emergence		
Metribuzin post-emergence		

## Storability

Dormancy* (2=short; 8=long)	3,8	
Pressure spots		
Fusarium	6	
Frying/crisping colour in October*	7,7	
Frying/crisping colour in February*	7,5	
Frying/crisping colour in May*	5,6	

\*Potatoes stored at 8°C without sprout inhibitors

## Marketable yield

Bruising index (0-50)	31	
Washability	6	
Common scab	7	
Powdery scab	8	
% IRS	0	
% Hollow heart	4	
Mechanical Damage		

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## Planting

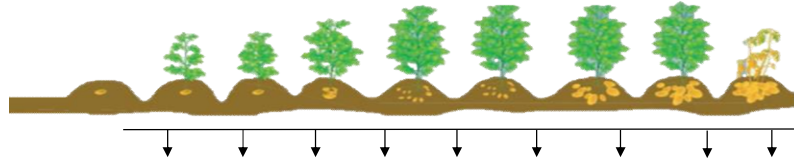
Pre-sprouted seed makes crop 10 days earlier.

Size	75 cm	90 cm	Plant/ha
35/50	33 cm	28 cm	40400



## Fertiliser input (kg/ha):

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



Nitrogen:	(N)	200		200
Phosphate:	(P2O5)	110		110
Potassium:	(K2O)	250	100	350

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

Apply potassium just before planting and during the growing season.  
We recommend splitting potassium (K) supply in order to reduce damage risks.



## Crop protection

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



## Harvest and storage

Suitable for early processing  
Can be used for early green harvest, for direct processing.  
Harvest carefully; susceptible to bruising.  
After harvest, start immediately drying the crop in store.  
Good crisping quality after long term storage.



### Storage:

7 °C  
7 months

### Key advice to succeed this variety:

Apply potassium just before planting and during the growing season.  
We recommend splitting potassium (K) supply in order to reduce damage risks.  
Harvest carefully; susceptible to bruising.

Harvest in  
good conditions  
to avoid  
bruising

