

# LADY FORTE

CMK2005-210-007 x LADYANNA



Building on potential

## Added value of the variety

- Uniform tuber size with high marketable yield
- Robust plant, tolerant to climatic stress.
- Good frying colour throughout the storage period.
- Gives high yields from all soil types.
- Long dormancy suitable for long term storage.

## Characteristics

Shape of tuber	LO	
Av. Tuber length (Ø 50-60 mm)	9,0 cm	
Maturity (9=early, 4=late)	6,3	
Colour of skin	Y	
Colour of flesh	6,8	
Suitability for cooking	8 B	

## Soil adaptability

	Sandy	Light	Heavy
Yield (Relative)	111	104	117
DM (%)	22,0	22,5	22,6
UWW	407	417	419
Tuber size (Ø mm)	53	58	62

Ro1	9	
Ro2/3	6	
Ro5	3	
Pa2	7	
Pa3	1	
wz 1 (D1)	4	
wz 2 (G1)	0	
wz 6 (O1)	3	
wz 18 (T1)	5	
TRV	6	
Moptop virus	Tolerant	

## Climate adaptability

Drought tolerance	Rather tolerant
Secondary growth	7

## Fertiliser requirement

	N	P	K	Mg	B	Ca	Mn
Quantity	-10%	Average	Average	Average	Average	Average	Average
No. applications	2	1	1	6	1	1	1

## Chemical requirement

Foliar late blight	3
Tuber late blight	Rather susceptible
Early blight	Tolerant
Y-virus	8
Yntn-virus	10
Leafroll virus	Rather tolerant
Black dot	Rather tolerant
Silver scurf	Rather tolerant
Metribuzin pre-emergence	Tolerant
Metribuzin post-emergence	Tolerant

## Storability

Dormancy* (2=short; 8=long)	7,7	
Pressure spots	Rather tolerant	
Fusarium	7	
Frying/crisping colour in October*	6,5	
Frying/crisping colour in February*	6,1	
Frying/crisping colour in May*	6,2	

\*Potatoes stored at 8°C without sprout inhibitors

## Marketable yield

Bruising index (0-50)	9
Washability	6
Common scab	7
Powdery scab	5
% IRS	2
% Hollow heart	1
Mechanical Damage	Rather tolerant

# LADY FORTE



## Planting

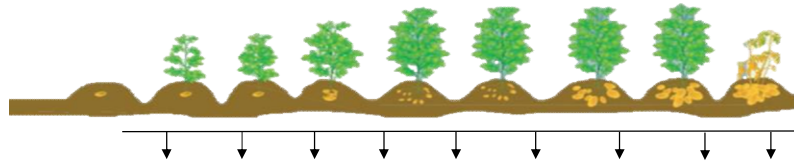
Susceptible to powdery scab; avoid heavy waterlogged soils.  
 Wait for eyes to open before planting.  
 Plant at a normal depth.  
 Be aware of the risk of internals on very sandy soils.  
 Don't plant too deep as the tubers tend to grow downwards.

Size	75 cm	90 cm	Plant/ha
28/35	30 cm	25 cm	44400
35/50	37 cm	31 cm	36000
50/60	43 cm	36 cm	31000
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.



Nitrogen:	(N)	200	50	--	250
Phosphate:	(P2O5)	110			110
Potassium:	(K2O)	300			300

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

Too much nitrogen can affect the yield in a negative way.



## Crop protection

Variety susceptible to foliar late blight, do not neglect blight control.  
 Avoid explosive growth at the end of the growing cycle to prevent sugars ends.



## Harvest and storage

After harvest, start immediately drying the crop in store.  
 Ethylene in storage can influence the frying quality of this variety.



### Storage:

7 °C  
 8 months

### Key advice to succeed this variety:

Susceptible to powdery scab; avoid heavy waterlogged soils.  
 Be aware of the risk of internals on very sandy soils.  
 Avoid explosive growth at the end of the growing cycle to prevent sugars ends.  
 After harvest, start immediately drying the crop in store.

