

Meijerpotato

Variety	P1 (D1)	P2 (G1)	P6 (O1)	P8 (F1)	P18 (T1)
Acoustic	5	2	2		3
Lady Rosetta	4	3	3		0
Lady Claire	5	3	3		0
Lady Britta	5	2	2		0

Resistance is rated on 0-5 scale, where 1 is very susceptible and 5 is very high resistance. Score zero (0) is used to represent no resistance or unknown. Resistance ratings for the varieties listed in the Variety List in Annex 1 are presented here. The comprehensive list of varieties and their resistance ratings from MeijerPotato to *Synchytrium endobioticum* can be found in <https://www.meijerpotato.com/en/varieties/>

Germicopa

Variety	P1 (D1)	P2 (G1)	P6 (O1)	P8 (F1)	P18 (T1)
Luneba	Full	Very high	Very high		High

Resistance is rated qualitatively from null (no resistance present) to fully resistant (full). Score zero (0) is used to represent no resistance or unknown. Resistance ratings for the varieties listed in the Variety List in Annex 1 are presented here. The comprehensive list of varieties and their resistance ratings from Germicopa to *Synchytrium endobioticum* can be found in [Potato varieties: find yours | Germicopa](#)

Solana

Variety	P1 (D1)	P2 (G1)	P6 (O1)	P8 (F1)	P18 (T1)
Queen Arne	Resistant				
Tarzan	Resistant				
Verdi	Resistant*				

Resistance to a pathotype described as resistant or susceptible. Resistance ratings for the varieties listed in the Variety List in Annex 1 are presented here. The comprehensive list of varieties and their resistance ratings to *Synchytrium endobioticum* from SOLANA can be found via [List of potato varieties - SOLANA GmbH - SOLANA GmbH](#) '

* was found to be resistant in one EU country

Agroplant

Variety	P1 (D1)	P2 (G1)	P6 (O1)	P8 (F1)	P18 (T1)
Agria	Susceptible				
Bartina	Resistant				
Bintje	Susceptible				
Cara	Resistant				
Cereza	Resistant				
Desiree	Resistant				
Hansa	Resistant	Resistant	Resistant		
Hermes	Resistant				
Jaerla	Resistant				
Kennebec	Susceptible				
Lady Rosetta	Resistant				
Nicola	Resistant				
Spunta	Resistant				

Resistance to a pathotype described as resistant or susceptible. Resistance ratings for the varieties listed in the Variety List in Annex 1 are presented here. The comprehensive list of varieties and their resistance ratings to *Synchytrium endobioticum* from AGROPLANT can be found via [Varieties – Agroplant Holland B.V.](#)

Europotato

Variety	P1 (D1)	P2 (G1)	P6 (O1)	P8 (F1)	P18 (T1)
Ally	Field immune				
Cara	Field immune				
Linzer Delikat	Field immune				
Sieglinde	Field immune				

Resistance to a pathotype described as field immune (=resistant) or susceptible. Resistance ratings for the varieties listed in the Variety List in Annex 1 are presented here. The comprehensive list of varieties and their resistance ratings to *Synchytrium endobioticum* from EUROPOTATO can be found via [The European Cultivated Potato - Home \(europotato.org\)](http://europotato.org).

Danespo

Variety	P1 (D1)	P2 (G1)	P6 (O1)	P8 (F1)	P18 (T1)	P39 (P1)
Argana	9,0	1,0	6,0	Not tested	7,5	Not tested
Asparges	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested
Astra	3,7	1	3,3	2	1	Not tested
Ballerina	9,0	3,0	1,0	1,0	1,0	Not tested
Belmira	1	1	1	1	1	Not tested
Belmira	1	1	1	1	1	Not tested
Bintje	4,3	6,3	6,3	3	3	Not tested
Cimega	9	4	5	5	4	Not tested
Cronos	9,0	6,0	4,0		6,0	Not tested
Darling	7,3	6,0	6,0	1,0	7,0	Not tested
Desiree	9,0	6,2	5,5	1,0	2,4	Not tested
Elinor	1	1	1	Not tested	Not tested	Not tested
Fakse	7,0	1,0	2,0	Not tested	6,5	Not tested
Falcon	9,0	9,0	9,0	3,7	8,0	6,0
Folva	8,7	3,5	3,5	1	3	Not tested
Frig	9	4	4	6	5	Not tested
Gala	9,0	Not tested	Not tested	Not tested	Not tested	Not tested
Hanna	9	Not tested	Not tested	Not tested	Not tested	Not tested
Hermes	9	Not tested	Not tested	Not tested	Not tested	Not tested
Inova	9,0	Not tested	Not tested	Not tested		Not tested
Kennebec	1	Not tested	Not tested	Not tested	Not tested	Not tested
Lunarossa	7,0	1,0	2,0	4,0	1,0	Not tested
Maya	5,3	2	2,5	1	1	Not tested
Maya	5,3	2,0	2,5	1,0	1,0	Not tested
Mikado	1	2	2,7	1	2	Not tested
Oleva	9	6,66667	4	1,5	4	Not tested
Plenty	7,5	1	5	1	3	Not tested
Pondus	9,0	4,3	9,0	4,0	9,0	Not tested
Redbullet	8	5	1	Not tested	5	Not tested
Romantica	Not tested	Not tested	1	Not tested	Not tested	Not tested
Royal	9,0	8,6	9,0	3,0	5,5	Not tested
Samira	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested
Santera	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested
Sarpo Mira	7,0	2,5	5,7	4,0	4,5	Not tested
Saturna	9	Not tested	7	Not tested	Not tested	Not tested
Sava	9,0	Not tested	1,0	Not tested	Not tested	Not tested
Senna	9,0	5,0	1,3	Not tested	3,0	Not tested
Solist	9,0	Not tested	Not tested	Not tested	Not tested	Not tested
Spunta	7	2,5	1	1	1	Not tested
Thor	9	8,25	7,25	2	6	Not tested
Tinca	8,5	8	6	Not tested	1	Not tested
Tokai	9,0	2,5	5,7	1,0	5,0	Not tested
Unike	Not tested	Not tested	Not tested	Not tested	Not tested	Not tested
Wotan	9	7,6	6,4	1,5	3	Not tested
Ydun	8,66667	4	5,2	3	4,66667	Not tested

Resistance is rated on a 1-9 scale, where 1 indicates very susceptible and 9 indicates full resistance. To classify a variety as resistant or susceptible, scores from 7 to 9 are considered resistant, while scores below 7 are considered susceptible (Merethe Bagge, Personal Communication). Resistance ratings for the varieties listed in the Variety List in Annex 1 are presented here. The comprehensive list of varieties and their resistance ratings from Danespo to *Synchytrium endobioticum* can be found in the sheet named "Danespo_Variety_List" in Annex 2 (obtained from Merethe Bagge, Danespo A/S)

Coburo

Variety	Pathotype						
	P1 (D1)	P2 (CH1)	P2 (G1)	P3 (M1)	P6 (01)	P8 (F1)	P18 (T1)
Kuba	+	+	+	+	+	+	+
Kuras	+						
Lady Claire	+						
Lady Rosette	+						
Skawa	+						

Resistance to a pathotype is indicated by the plus (+) symbol. Resistance ratings for the varieties listed in the Variety List in Annex 1 are presented here. The comprehensive list of varieties and their resistance ratings to *Synchytrium endobioticum* from the Polish Research Center for Cultivar Testing (COBORU) can be found in Table 6 (Pages 28-32) in Annex 6. The document can also be accessed via [LOORR - kukurydza 2023.pdf \(coboru.gov.pl\)](#).

Stet

Variety	P1 (D1)	P2 (G1)	P6 (O1)	P8 (F1)	P18 (T1)
Agria		9	7	7	
Desiree		10	9	9	1*
Everest	9*		5*		
Spunta		10			
Tyson		10 7*	2*		1*
Vitalia		10 1*	1*		1*
Zina Red	1*	1*	1*		1*

Resistance is rated on 1-10 scale, with the following interpretations:

10 = resistant; 9 = Slightly susceptible; 7-8 = moderately susceptible; 5-6 = quite susceptible; <5: Very susceptible. Resistance ratings for the varieties listed in the Variety List in Annex 1 are presented here. The comprehensive list of varieties and their resistance ratings to *Synchytrium endobioticum* from STET can be found via the this link <https://holland.stet-potato.com/en/varieties/>

*No official testing. The results are based STET's own test.

Julius Kuhn

Variety	Resistant to <i>Synchytrium endobioticum</i> pathotype
Agria	/
Alexandra	/
Allians	/
Astra	/
Avarna	1
Aventra	/
Baby Lou	/
Belana	/
Bellinda	/
Bernadette	1
Corinna	/
Desiree	1
Ditta	1
Elfe	/
Emiliana	1
Eurogrande	1
Euroviva	/
Favola	/
Festien	/
Gala	1
Georgina	/
Glorietta	1
Kardal	1
Kiebitz	1
Kuba	1, 2, 6, 18
Kuras	/
Lady Alicia	/
Nicola	1
Oxania	1
Princess	/
Queen Anne	1
Regina	1
Salome	/
Saprodi	/
Sarion	/
Saturna	1
Seresta	/
Solist	/
Stratos	/
Tarzan	1
Tokai	/
Verdi	/
Vindika	/

The pathotype to which the variety is resistant is indicated by the pathotype number (e.g., A variety assigned the value 1 means it is resistant to pathotype 1). "/" means no acceptable resistance rating in the official testing. Resistance ratings for the varieties listed in the Variety List in Annex 1 are presented here. The comprehensive list of varieties and their resistance ratings to *Synchytrium endobioticum* from the Julius Kuhn Institute in Annex 4 or via this link https://pflanzengesundheits.julius-kuehn.de/dokumente/upload/bm-2023_resistente-kartoffelsorten.pdf



Europlant

Variety	Resistance
Agria	1 (a)
Allians	1 (a)
Emiliana	1, 18 (a)
Eurogrande	1
Euroviva	1,2,6,18, 8(field resistance), 38**
Glorietta	1
Regina	1
Vindika	1 (a)

The pathotype to which the variety is resistant is indicated by the pathotype number (e.g., A variety assigned the value 1 means it is resistant to pathotype 1). Resistance ratings for the varieties listed in the Variety List in Annex 1 are presented here. The comprehensive list of varieties and their resistance ratings to *Synchytrium endobioticum* from the website of EUROPLANT via this link [Seed potatoes of the highest quality - EUROPLANT Pflanzenzucht GmbH](#)

** tested in an EU country

(a) Low sensitivities

BSL_Germany

Variety	Resistant to <i>Synchytrium endobioticum</i> pathotype	Slightly susceptible to <i>Synchytrium endobioticum</i> pathotype
Agria		1
Allians		1
Avarna	1	18
Baby Lou		1
Bernadette	1	6
Desiree	1	
Ditta	1	2,6
Emiliana	1	18
Eurogrande	1	
Gala	1	2,6
Glorietta	1	
Kardal	1	
Kiebitz	1	
Kuba	1,2,6,18	
Nicola	1	
Oxania	1	
Queen Anne	1	
Regina	1	
Saturna	1	
Tarzan	1	6
Vindika		1

The pathotype to which the variety is resistant or slightly susceptible to is indicated by the pathotype number (e.g., A variety assigned the value 1 in the column "Resistant to *Synchytrium endobioticum* pathotype " means it is resistant to pathotype 1). Resistance ratings for the varieties listed in the Variety List in Annex 1 are presented here. The comprehensive list of varieties and their resistance ratings to *Synchytrium endobioticum* from the Bundessortenamt (BSL), Germany in Annex 3 or via this link [BSL_Kartoffel_2023_internet_Korrektur.indd \(bundessortenamt.de\)](https://www.bundessortenamt.de/BSL_Kartoffel_2023_internet_Korrektur.indd)

KMC

Variety	P1 (D1)	P2 (G1)	P6 (O1)	P8 (F1)	P18 (T1)
Allstar	9	9	9	-	9
Ardeche	8		8		
Avarna	9	9	9	9	9
Aventra	-		9	9	9
Avenue	9	-	-	-	
Eurogrande	9	-	-	-	
Euroviva	9	9	9	-	9
Falcon	9	9	9	4	9
Festien	8	8	8	9	8
Fyone	9	-	3	-	
Kardal	9	-	-	-	
Kuba	9	9	9	9	9
Kuras	9	5	5	-	
Lady Rosetta	9		7	-	
Luneba	9	8	8		7
Nofy	-	-	-	-	
Oleva	9	-	-	-	
Saprodi	9	9	9	9	9
Sarion	9	8	8	9	9
Saturna	9	8	8	-	
Seresta	9	9	9	9	9
Skawa	9	-	-	-	
Stratos	9	8	8	-	
Tarzan	9	-	-	-	
Thor	9	-	-	-	
Verdi	9	-	-	-	
Ydun	9	-	-	-	

Resistance is rated on 0-9 scale, where 0 is no resistance and 9 is full resistanc. The symbol "-" is used to denote the absence of recognizable data for assigning a resistance rating. Resistance ratings for the varieties listed in the Variety List in Annex 1 are presented here. The comprehensive list of varieties and their resistance ratings to *Synchytrium endobioticum* from KMC starch can be found in the Sheet namedd "KMC_Variety_Llist" in Annex 2 (Obtained from Kristian Elkjær, KMC) or via the this link <https://www.avlerinfo.dk/sortsinfo>

AKV

Variety	P1 (D1)	P2 (G1)	P6 (O1)	P8 (F1)	P18 (T1)
Agria		9		6	
Allstar	9		10	9	
Alouette	10				
Ardeche	8		8		
Artemis	10				
Carolus	10				
Ditta	10				
Chateau	8				
Fontane	6		8		
Jacky	-		-	-	-
Janick	-		-		
Kuba	10		10	10	10
Kuras	10		5		
Nofy	-		-	-	-
Ranomi	10		-	-	-
Twister	8		-		

Resistance is rated on 1-10 scale, with the following interpretations:
 10 = resistant; 9 = Slightly susceptible; 7-8 = moderately susceptible; 5-6 = quite susceptible; <5: Very susceptible. This ratings was obtained from Henrik Pedersen, AKV Langholt.

NVWA

Variety	P1 (D1)	P2 (G1)	P6 (O1)	P8 (F1)	P10 (E1)	P18 (T1)	P38 (Nevşehir)
ACOUSTIC	10		<5				6
AGRIA	9			6	7		
ALLSTAR	9			10			9
ALOUETTE	10						
ARDECHE	8			8			<5
ARGANA	9						
ARIELLE	8						
ARTEMIS	10						
AVARNA	10		8	9	9		10 <5
AVENTRA		10		10	9		9 <5
AVENUE	10						
BARTINA	10						
BELLINDA	10						
BERNADETTE	10						
BINTJE	5			6			4
CAROLUS	10						
CEREZA	10						
CHALLENGER	10				10		
CHATEAU	8						
CRONOS	10						
DARLING	9						
DITTA	10						
EMANUELLE	10						
EMILIANA	10						
EUROGRANDE	10		<5				
EUROVIVA	10		9	9			10
FESTIEN	8		10	9	9		8 <5
FOLVA	10						
FONTANE	6 <5			8 V			<5
FYONE	10						
GALA	10						
GEORGINA	5						
GLORIETTA	9						
HANNA	10						
HANSA	8			9			
HERMES	10						
INOVA	9						
JAERLA	10						
KARDAL	10			1			
KIEBITZ	10						
KONDOR	10			8			
KUBA	10		10	10	9		10
KURAS	10			5	5		
LUNEBA	10		10	10			9
MAGISTRAL	10						
MONDIAL	10			3			
NENA	10		8	8			
NICOLA	10			8			
OLEVA	10						
OXANIA	10						
PLENTY	10			3			
PONDUS	10			10			9
RANOMI	10						
REGINA	10			5			
ROYAL	10			8			
SALOME	10						
SANTERA	10						
SAPRODI	10		10	10			10 <5
SARION	10 <5			8			10 <5
SATURNA	10			8			
SAVA	10						
SAYADA	10						
SENNA	10						
SERESTA	10		9	10	10		10 <5
SIEGLINDE	10						
SIFRA	10						
SKAWA	10				4		
SOLEO	10		10	10			

Agrico

SOLIST	10		
SPUNTA	10		
STRATOS	10	8	<5
TARZAN	10		
TWISTER	8		
TYSON	10		
VERDI	10		
VITALIA	10		
DÉSIRÉE	10	9	

Resistance is rated on 1-10 scale, with the following interpretations:

10 = resistant; 9 = Slightly susceptible; 7-8 = moderately susceptible; 5-6 = quite susceptible; <5: Very susceptible. Resistance ratings for the varieties listed in the Variety List in Annex 1 are presented here. The comprehensive list of varieties and their resistance to *Synchytrium endobioticum* ratings from The Netherlands Food and Consumer Product Safety (NVWA) can be found in the Sheet namedd "NVWA_Variety_List" in Annex 2 or via the this link <https://www.nvwa.nl/documenten/plant/plantziekte-en-plaag/plantziekte/wratziekte/overzicht-aardappelrassen-met-resistentieniveaus-voor-wratziekte>

Note: The resistance scale were interpretation is a translation from Dutch to English.

Agrico

Variety	P1 (D1)	P2 (G1)	P6 (O1)	P8 (F1)	P18 (T1)
Agria	9		6		
Allstar	9		10		9
Alouette	10				
Ardeche	8		8		
Artemis	10				
Carolus	10				
Ditta	10				
Chateau	8				
Fontane	6		8		
Jacky	10*				
Kuba	10		10	10	10
Kuras	10		5		
Nofy					
Ranomi	10				
Twister	8				

Resistance is rated on 1-10 scale, with the following interpretations:

10 = resistant; 9 = Slightly susceptible; 7-8 = moderately susceptible; 5-6 = quite susceptible; <5: Very susceptible. Resistance ratings for the varieties listed in the Variety List in Annex 1 are presented here. The comprehensive list of varieties and their resistance to *Synchytrium endobioticum* ratings from AGRICO can be found via the this link [Seed potato varieties: excellent harvest and yield | Agrico \(agricopotatoes.com\)](https://www.agricopotatoes.com/).

*Score from AgricoUK (<https://www.agrico.co.uk/uk-varieties/jacky#:~:text=Jacky%20is%20a%20high%20yielding,producing%20a%20high%20marketable%20yield.>)

HZPC

Variety	P1 (D1)	P2 (G1)	P6 (O1)	P8 (F1)	P18 (T1)
Bartina	10				
Challenger	10	2*	2*		2*
Desiree	10		9	9	1*
Emanuelle	10	5*	1*		1*
Mondial	10	8*		3	
Sifra	10		3	3	2*
Spunta	10				

Resistance is rated on 1-10 scale, with the following interpretations:

10 = resistant; 9 = Slightly susceptible; 7-8 = moderately susceptible; 5-6 = quite susceptible; <5: Very susceptible. Resistance ratings for the varieties listed in the Variety List in Annex 1 are presented here. The comprehensive list of varieties and their resistance ratings to *Synchytrium endobioticum* from HZPC can be found via the this link [HZPC potato varieties](#)

*No official testing. The results are based HZPC's own test.

Tystofte_DK

Variety	P1 (D1)	P2 (G1)	P6 (O1)	P8 (F1)	P18 (T1)
Ally	r	-	-		
Argana	r	-	-		
Asparages	r	-	-		
Astra	-	-	-		
Ballerina	r	-	m		
Cimega	r	r	r		
Cronos	r	r	r		
Darling	r	-	-		
Elinor	-	-	-		
Fakse	r	-	-		
Falcon	r	r	r		
Folva	r	-	-		
Frig	r	-	-		
Hansa	-	-	-		
Maya	-	-	-		
Oleva	r	-	m		-
Royal	r	r	r		
Sava	r	-	m		
Senna	r	-	m		
Thor	r	r	r		-
Tinca	-	-	-		
Tokai	r	-	r		
Ydun	r	-	m		-

Resistance to a pathotype is indicated by the "r" and susceptible is indicated by "m". The symbol "-" indicates not recognizable ratings. Resistance ratings for the varieties listed in the Variety List in Annex 1 are presented here. The comprehensive list of varieties and their resistance ratings to *Synchytrium endobioticum* from the Tystofte (Denmark) can be found in Pages 62-65 of Annex 5 or via this link <https://www.tystofte.dk/wp-content/uploads/2023/06/BSL-2023-1.pdf>.

Semagri

Variety	P1 (D1)	P2 (G1)	P6 (O1)	P8 (F1)
Saprodi	Resistant	Resistant	Resistant	Resistant
Sarion	Resistant		8	

Resistance is rated as follows: 4 = Susceptible; 5 = Moderately susceptible; 6 = Quite susceptible; 7 = Slightly susceptible; 8 = Very slightly/little susceptible; 9 = resistant. Resistance ratings for the varieties listed in the Variety List in Annex 1 are presented here. The comprehensive list of varieties and their resistance ratings to *Synchytrium endobioticum* from SEMAGRI can be via the this link [Zetmeelrassen met een hoog rendement | Semagri](#)

Note: The resistance scale were interpretation is a translation from Dutch to English.