

Kartoffelsorten mit Resistenz gegen Kartoffelzystennematoden

Kartoffelsorten deren Resistenz gegen Kartoffelzystennematoden in Deutschland geprüft oder anerkannt wurde:

| Sorte | Reife- gruppen | Verwen- dung | Resistenz gegen Patho- typ o. Virulenzgruppe | | | | |
|-----------|-------------------|-----------------|-------------------------------------------------|-------|-----|-----|-----|
| | | | Ro1 | Ro2/3 | Ro5 | Pa2 | Pa3 |
| Adorata | sfr | Sp | 9 | | | | |
| Afra | mfr | Sp | R | | | | |
| Agila | fr | Sp | R | | | | |
| Agria | mfr | Sp | R | | | | |
| Alanis | mssp-sp | Sp | 9 | | | | |
| Albatros | mfr | Wi | R | | | | |
| Albertine | sfr | Sp | 9 | | | | |
| Alegria | mfr | Sp | R | | | | |
| Alexandra | sfr | Sp | 9 | R | | | |
| Allians | mfr | Sp | R | | | | |
| Allora | fr | Sp | 9 | | | | |
| Almonda | mfr | Sp | R | | | | |
| Altus | mssp-sp | Wi | | | | R | R |
| Amado | mssp-sp | Wi | R | R | | R | R |
| Amanda | mfr | Sp | R | | | R | R |
| Andrea | sfr | Sp | 9 | | | | |
| Annabelle | fr | Sp | R | R | | | |
| Annalena | mfr | Sp | 9 | | | | |
| Annegret | sfr | Sp | 9 | | | | |
| Antonia | mfr | Sp | R | | | | |
| Anuschka | sfr | Sp | R | | | | |
| Aromata | sfr | Sp | 9 | 9 | | R | 8 |
| Arosa | sfr | Sp | R | | R | | |
| Arsenal | mfr | Wi | 9 | | | R | R |
| Augusta | fr | Sp | R | | | | |
| Austin | mfr | Wi | 9 | | | | |
| Avano | mssp-sp | Wi | R | | | R | R |
| Avarna | mssp-sp | Wi | R | R | | R | R |
| Avatar | mssp-sp | Wi | 9 | 9 | | 9 | 9 |
| Aveka | mfr | Wi | R | | | R | R |
| Aventra | mfr | Wi | R | R | | R | R |
| Axenia | fr | Sp | 9 | | | | |
| Axion | mssp-sp | Wi | R | R | | R | R |
| Ayla | mssp-sp | Sp | 9 | 8 | 8 | | |
| Baby Lou | mfr | Sp | 9 | | | | |
| Baccara | fr | Sp | R | R | | | |
| Bavafit | fr | Wi | 9 | | | | |
| Bavatop | mssp-sp | Wi | 9 | 8 | 2) | | |
| Belana | fr | Sp | R | | | | |
| Bellarosa | sfr | Sp | R | | | | |
| Bellinda | mfr | Sp | R | | | | |
| Belmonda | mfr | Sp | R | | | | |

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|-----------------|-------------------|-----------------|-------------------------------------------------|-------|-----|-----|-----|
| | | | Ro1 | Ro2/3 | Ro5 | Pa2 | Pa3 |
| Beo | fr | Wi | 9 | | | | |
| Berber | sfr | Sp | R | | | | |
| Bernadette | mfr | Sp | R | | | | |
| Bernina | mfr | Sp | 9 | | | | |
| Bettina | mfr | Sp | R | R | R | | |
| Bigrossa | mfr | Sp | R | R | R | | |
| Birgit | mfr | Sp | R | | | | |
| Birte | fr | Sp | R | | | | |
| Blaue Anneliese | mssp-sp | Sp | 7 | 8 | 2) | | |
| Bonus | sfr | Sp | R | | | | |
| Bonza | mssp-sp | Wi | R | | | | |
| Borwina | sfr | Sp | R | | | | |
| Boss | mfr | Wi | 9 | | | 8 | 7 |
| Burana | mssp-sp | Wi | R | | | | |
| Campina | fr | Sp | R | | | | |
| Caprice | mfr | Sp | R | R | R | | |
| Captiva | mfr | Sp | 9 | 9 | 9 | | |
| Cardinia | fr | Sp | 9 | | | | |
| Cardoso | sfr | Sp | 9 | | | 9 | 8 |
| Caruso | mfr | Wi | R | | | | |
| Cascada | mfr | Wi | R | | | | |
| Catania | mssp-sp | Sp | 9 | | | | |
| Cathi | fr | Sp | 9 | | | | |
| Chenoa | mfr | Sp | 9 | | | | |
| Cilena | fr | Sp | R | | | | |
| Colette | sfr | Sp | R | | | | |
| Colomba | sfr | Sp | 9 | | | | |
| Concordia | mfr | Sp | R | | | | |
| Constantina | mfr | Sp | 9 | 9 | 9 | | |
| Corinna | sfr | Sp | 9 | | | | |
| Coronada | mfr | Sp | 9 | 9 | | | |
| Cubus | mfr | Wi | 9 | | | | |
| Damaris | mfr | Sp | 9 | 9 | 8 | | |
| Danina | fr | Sp | 8 | 8 | 8 | | |
| Dartiest | mssp-sp | Wi | 9 | | | | 2) |
| Derby | fr | Sp | R | | | | |
| Ditta | mfr | Sp | R | | | | |
| Django | fr | Wi | R | | | | |
| Donata | mfr | Sp | 9 | | | | |
| Dukata | fr | Wi | 9 | | | | |
| Edison | mfr | Sp | 9 | | | | |
| Eldena | mfr | Wi | R | | | | |
| Elfe | fr | Sp | R | | | | |

| Sorte | Reife- gruppen | Verwen- dung | Resistenz gegen Patho- typ o. Virulenzgruppe | | | | |
|--------------|-------------------|-----------------|-------------------------------------------------|-------|-----|-----|-----|
| | | | Ro1 | Ro2/3 | Ro5 | Pa2 | Pa3 |
| Emiliana | mfr | Sp | 9 | | | | |
| Escada | mfr | Sp | 9 | 9 | 9 | 7 | 2) |
| Estrella | mfr | Sp | R | R | R | | |
| Etana | mmsp-sp | Sp | 9 | | | 9 | 8 |
| Eurodelta | mfr | Wi | 9 | | | 8 | 8 |
| Euroflora | mmsp-sp | Wi | R | R | | R | R |
| Eurogrande | mmsp-sp | Wi | 9 | R | 9 | R | R |
| Euroking | mmsp-sp | Wi | 9 | 9 | 9 | 9 | 8 |
| Euroluna | mmsp-sp | Wi | 9 | 9 | 9 | R | R |
| Euronova | mmsp-sp | Wi | 9 | R | | R | R |
| Europrima | fr | Wi | R | | | | |
| Euroresa | mmsp-sp | Wi | R | | | | |
| Eurostarch | mmsp-sp | Wi | R | | | | |
| Eurotango | mmsp-sp | Wi | 7 | | 7 | R | R |
| Eurotina | mmsp-sp | Wi | 9 | | | 8 | 7 |
| Eurotonda | mmsp-sp | Wi | 9 | | | R | 9 |
| Euroviva | mmsp-sp | Wi | 9 | | | R | 8 |
| Exempla | fr | Sp | R | | | | |
| Exquisa | mfr | Sp | R | | | | |
| Fasan | mmsp-sp | Sp | R | | | | |
| Favola | mfr | Wi | 9 | | | | |
| Felsina | mfr | Sp | R | 9 | | | |
| Festien | mmsp-sp | Wi | R | R | | R | R |
| Fidelia | fr | Sp | 9 | | | | |
| Figaro | mfr | Sp | 9 | 8 | | 8 | 2) |
| Filou | mfr | Sp | 9 | | | | |
| Finessa | mfr | Sp | R | | | | |
| Finka | sfr | Sp | R | | | | |
| Flavia | sfr | Sp | R | | | | |
| Floridana | mfr | Sp | 9 | | | | |
| Forza | fr | Sp | R | | | R | R |
| Francis | fr | Sp | 9 | | | | |
| Freya | mfr | Sp | R | | | | |
| Gala | fr | Sp | R | | | | |
| Georgina | mfr | Sp | 9 | 8 | | | |
| Glorietta | sfr | Sp | 9 | | | | |
| Godzilla | mfr | Wi | 9 | | | 8 | 8 |
| Goldmarie | fr | Sp | 9 | | | | |
| Granada | mfr | Sp | R | | | | |
| Granola | mfr | Sp | R | | | | |
| Gunda | fr | Sp | R | | | | |
| Heiderot | mfr | Sp | 8 | 9 | 8 | | |
| Honorata | mmsp-sp | Sp | 9 | | | | |
| Ikarus | fr | Sp | 9 | | | | |
| Ingrid | sfr | Sp | R | | | | |
| Innovator | fr | Wi | | | | R | R |
| Isabelia | fr | Sp | 9 | | | | |
| Ivetta | fr | Sp | 9 | 9 | 9 | 9 | 8 |
| Ivory Russet | mfr | Wi | R | 2) | | | |

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|-----------|-------------------|-----------------|-------------------------------------------------|-------|-----|-----|-----|
| | | | Ro1 | Ro2/3 | Ro5 | Pa2 | Pa3 |
| Jasia | mmsp-sp | Wi | R | | | | |
| Jelly | mmsp-sp | Sp | R | R | R | | |
| Jonas | mmsp-sp | Wi | 8 | | | 9 | 8 |
| Jule | mfr | Sp | 9 | | | | |
| Julinka | fr | Sp | 9 | | | | |
| Jumbo | mfr | Wi | R | R | R | | |
| Jurata | mfr | Sp | 9 | | | | |
| Juventa | mfr | Sp | 9 | 9 | 9 | 8 | 8 |
| Juwel | sfr | Sp | R | | | | |
| Kardal | mmsp-sp | Wi | R | R | | | |
| Karelia | mfr | Sp | 9 | | | 8 | 8 |
| Karlana | fr | Sp | R | | | | |
| Kiebitz | fr | Wi | R | | | | |
| Kormoran | mmsp-sp | Wi | R | | | | |
| Krone | mfr | Sp | R | | | | |
| Kuba | mfr | Wi | R | | | | |
| Kuras | mmsp-sp | Wi | R | | | | |
| Larissa | fr | Sp | 9 | 9 | | | |
| Laura | mfr | Sp | R | R | R | | |
| Lea | sfr | Sp | 9 | | | | |
| Leandra | mfr | Sp | 9 | | | | |
| Levantina | fr | Sp | 9 | | | | |
| Leyla | sfr | Sp | R | | | | |
| Liliana | sfr | Sp | R | | | | |
| Lilly | mfr | Sp | 9 | | | | |
| Liora | sfr | Sp | 9 | | | | |
| Lisana | fr | Sp | 9 | | | | |
| Loreen | mfr | Sp | 9 | | | | |
| Lorena | fr | Sp | 8 | 8 | | | |
| Lubeca | mfr | Sp | 9 | 9 | 8 | | |
| Lucilla | mfr | Sp | 9 | | | | |
| Ludmilla | fr | Sp | R | | | | |
| Lukas | mfr | Wi | 7 | 7 | 7 | 8 | 8 |
| Macarena | mfr | Sp | 9 | | | | |
| Madeira | mfr | Sp | 9 | | | | |
| Madison | fr | Wi | 9 | | | | |
| Malika | fr | Sp | 9 | | | | |
| Marabel | fr | Sp | R | | | | |
| Marena | mmsp-sp | Sp | R | | | | |
| Mariola | mfr | Sp | R | | | | |
| Marion | fr | Sp | 9 | | | | |
| Marlie | mfr | Sp | 9 | | | | |
| Marta | sfr | Sp | 9 | | | | |
| Maruscha | mfr | Sp | 9 | | | | |
| Mary Ann | mfr | Sp | 9 | | | | |
| Mascha | sfr | Sp | 9 | | | | |
| Maxi | mmsp-sp | Wi | R | | | | |
| Megusta | mfr | Sp | R | | | | |
| Meister | mfr | Sp | 9 | | | | |

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|-------------|-------------------|-----------------|-------------------------------------------------|-------|-----|-----|-----|
| | | | Ro1 | Ro2/3 | Ro5 | Pa2 | Pa3 |
| Merle | mfr | Sp | 9 | 9 | 8 | | |
| Mia | fr | Sp | 9 | | | | |
| Milva | mfr | Sp | R | | | | |
| Miranda | fr | Sp | R | | | | |
| Miss Malina | mfr | Sp | 9 | 9 | 9 | | |
| Monique | fr | Sp | 9 | | | | |
| Montana | mfr | Sp | 8 | 8 | 8 | | |
| Montis | mfr | Sp | 9 | | | | |
| Moritz | mmsp-sp | Wi | 9 | 9 | 9 | 8 | 2) |
| Mungo | mfr | Wi | R | R | R | | |
| Musica | fr | Sp | R | R | | | |
| Nandina | sfr | Sp | 9 | | | | |
| Natalia | fr | Sp | 9 | | | | |
| Natascha | fr | Sp | R | | | | |
| Nevadina | fr | Sp | 9 | | | | |
| Nicola | mfr | Sp | R | | | | |
| Nixe | fr | Sp | 9 | | | | |
| Noblesse | mfr | Sp | 8 | | | | |
| Nordlicht | mmsp-sp | Wi | 9 | 7 | | | 2) |
| Novano | mfr | Wi | 9 | 7 | | R | 9 |
| Odysseus | mmsp-sp | Wi | 9 | | | | |
| Olivia | mfr | Sp | 9 | 9 | 9 | 8 | 8 |
| Omega | mfr | Sp | R | | | | |
| Opal | mfr | Wi | R | | | | |
| Orlena | mfr | Sp | 7 | | | | |
| Osira | sfr | Sp | R | | | | |
| Osiris | fr | Sp | R | | | | |
| Otolia | mfr | Sp | 9 | 8 | | | |
| Ottawa | mfr | Sp | 9 | | | | |
| Oxania | mfr | Wi | 9 | | | | |
| Papageno | mfr | Wi | 9 | | | 8 | 8 |
| Paroli | sfr | Sp | 9 | | | | |
| Peela | mfr | Sp | 9 | | | | |
| Penni | fr | Sp | R | | | | |
| Petra | fr | Sp | 9 | | | | |
| Picus | mmsp-sp | Wi | 9 | | | | |
| Pirol | mfr | Sp | R | | | | |
| Plasstärke | mmsp-sp | Wi | R | R | | R | R |
| Pocahontas | mfr | Sp | 8 | | | | |
| Premiere | sfr | Sp | R | | | | |
| Prestige | mmsp-sp | Wi | R | R | | R | R |
| Priamos | mfr | Wi | R | | | | |
| Primus | fr | Wi | 9 | | | | |
| Princess | fr | Sp | R | | | | |
| Priska | fr | Wi | 9 | | | | |
| Privileg | mfr | Sp | 8 | | | | |
| Puccini | mfr | Wi | 9 | | | | |
| Quadriga | mmsp-sp | Wi | R | R | R | | |
| Quarta | mfr | Sp | R | | | | |

| Sorte | Reife- gruppen | Verwen- dung | Resistenz gegen Patho- typ o. Virulenzgruppe | | | | |
|-------------|-------------------|-----------------|-------------------------------------------------|-------|-----|-----|-----|
| | | | Ro1 | Ro2/3 | Ro5 | Pa2 | Pa3 |
| Queen Anne | fr | Sp | 9 | | | | |
| Ragna | mfr | Sp | 9 | 9 | 8 | | |
| Rambo | mmsp-sp | Wi | 9 | | 9 | 2) | |
| Ramona | mfr | Sp | 9 | 9 | 9 | | |
| Red Fantasy | mfr | Sp | R | | | | |
| Red Lady | mfr | Sp | R | | | | |
| Red Sonia | sfr | Sp | 9 | 9 | 9 | | |
| Regina | mfr | Sp | 9 | | | | |
| Ribera | mfr | Sp | 9 | 9 | 9 | R | 2) |
| Ricarda | mfr | Sp | 9 | 2) | 2) | | |
| Rikea | fr | Sp | R | | | | |
| Rilana | mfr | Sp | 9 | 9 | 9 | 8 | 2) |
| Rita | sfr | Sp | R | | | | |
| Roberta | mfr | Wi | R | | | | |
| Rodrigo | fr | Sp | R | | | | |
| Romanze | mfr | Sp | R | | | | |
| Rosan | mfr | Sp | 9 | | | | |
| Rosara | sfr | Sp | R | | | | |
| Rossini | mfr | Wi | 9 | 9 | | 9 | 9 |
| Rumba | mfr | Sp | R | | | | |
| Sagitta | mfr | Wi | R | | | | |
| Salome | sfr | Sp | R | | | | |
| Samson | mfr | Sp | 9 | 9 | 9 | | |
| Sandra | mfr | Sp | 9 | | | | |
| Sanibel | sfr | Sp | 9 | | | | |
| Saphia | mfr | Sp | 9 | | | | |
| Saprodi | mmsp-sp | Wi | 9 | 9 | | 9 | 9 |
| Sarion | mmsp-sp | Wi | 9 | 9 | | 9 | 9 |
| Satina | mfr | Sp | R | | | | |
| Saturna | mmsp-sp | Sp | R | | | | |
| Scarlet | mmsp-sp | Wi | R | R | | R | R |
| Secura | mfr | Sp | R | | | | |
| Serafina | fr | Sp | R | | | | |
| Seresta | mmsp-sp | Wi | R | R | | R | R |
| Sevim | mmsp-sp | Sp | 9 | 9 | 8 | | |
| Simonetta | mfr | Sp | 9 | | | | |
| Simphony | mmsp-sp | | 9 | 8 | | 9 | 9 |
| Sinatra | mfr | Wi | 9 | 8 | | | |
| Sissi | fr | Sp | R | R | R | | |
| Smaragd | mfr | Wi | R | | | R | |
| Sofista | mmsp-sp | Wi | R | 9 | | R | R |
| Solara | mfr | Sp | R | | | | |
| Solist | sfr | Sp | R | | | | |
| Sommergold | mfr | Wi | R | | | | |
| Soraya | mfr | Sp | R | | | | |
| Sorentina | mfr | Wi | 9 | | | | |
| Stärkeprofi | mfr | Wi | R | | | | |
| Stefanie | sfr | Sp | R | | | | |
| Stratos | mmsp-sp | Wi | R | R | | R | R |

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|-----------|-------------------|-----------------|-------------------------------------------------|-------|-----|-----|-----|
| | | | Ro1 | Ro2/3 | Ro5 | Pa2 | Pa3 |
| Sunita | fr | Sp | 9 | | | | |
| Sunshine | sfr | Sp | 9 | | | | |
| Supporter | m-sp-sp | Wi | 9 | 9 | | 9 | 9 |
| Suzan | sfr | Sp | 9 | | | | |
| Swing | mfr | Sp | 9 | | | | |
| Talent | mfr | Sp | R | | | | |
| Tarzan | m-sp-sp | Wi | 9 | 8 | 8 | | |
| Terrana | sfr | Wi | R | | | | |
| Tessa | mfr | Sp | 9 | | | | |
| Thalessa | mfr | Wi | 9 | | | | |
| Theresa | mfr | Sp | 9 | | | | |
| Toccatà | fr | Wi | R | | | | |
| Tokio | mfr | Sp | 9 | | | 8 | 7 |
| Tomensa | fr | Wi | R | | | | |
| Torenia | mfr | Sp | 9 | | | | |
| Toscana | mfr | Sp | R | | | | |
| Transit | mfr | Wi | R | | | | |
| Triton | m-sp-sp | Wi | 9 | | | 8 | 7 |
| Troja | m-sp-sp | Sp | R | | | | |
| Tucan | fr | Wi | R | | | | |

| Sorte | Reife- gruppen | Verwen- dung | Resistenz gegen Patho- typ o. Virulenzgruppe | | | | |
|----------|-------------------|-----------------|-------------------------------------------------|---------------|---------------|-----|-----|
| | | | Ro1 | Ro2/3 | Ro5 | Pa2 | Pa3 |
| Valery | mfr | Sp | 9 | | | | |
| Valetta | sfr | Sp | R | | | | |
| Valisa | sfr | Sp | R | | | | |
| Varuna | mfr | Wi | 9 | | | 8 | 8 |
| Velox | sfr | Sp | R | | | | |
| Venezia | fr | Sp | R | | | | |
| Ventana | mfr | Wi | 9 | | | | |
| Ventura | mfr | Sp | R | | | | |
| Verdi | mfr | Wi | R | | | | |
| Verona | sfr | Sp | R | | | | |
| Vineta | fr | Sp | R | | | | |
| Vindika | fr | Sp | 9 | 9 | 9 | 8 | 8 |
| Virginia | m-sp-sp | Sp | 9 | | | | |
| Viviana | sfr | Sp | 9 | | | | |
| Vivat | fr | Wi | 9 | ²⁾ | ²⁾ | | |
| Wega | fr | Sp | R | | | | |
| Wendy | mfr | Sp | 9 | | | | |
| Zuzanna | mfr | Wi | R | | | | |
| 4 YOU | fr | Sp | 9 | | | 8 | 8 |

Quellen:

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Beschreibende Sortenliste

Auswahl der erforderlichen Resistenzeigenschaft auf Grund des auf der Befallsfläche festgestellten Pathotyps:

Erfolgt eine Pathotypenbestimmung von *G. pallida* oder *G. rostochiensis*, so muss die Kartoffelsorte resistent gegen den festgestellten Pathotyp dieser Art sein. Bei Nachweis von Mischpopulationen von beiden Arten oder mehreren Pathotypen, müssen die Sorten resistent gegen alle nachgewiesenen Arten oder Pathotypen sein.

| Auf Befallsfläche festgestellt: | Erforderliche Resistenzeigenschaft der Kartoffelsorte ¹⁾ |
|---------------------------------------------|----------------------------------------------------------------------------|
| <i>Globodera pallida</i> Pa2/3 | Pa3 |
| <i>Globodera rostochiensis</i> Ro1 | Ro1 oder Ro4 |
| <i>Globodera rostochiensis</i> Ro4 | Ro1 oder Ro4 |
| <i>Globodera rostochiensis</i> Ro1/4 | Ro1 oder Ro4 |
| <i>Globodera rostochiensis</i> Ro2 | Ro2 oder Ro3 oder Ro5 |
| <i>Globodera rostochiensis</i> Ro3 | Ro2 oder Ro3 oder Ro5 |
| <i>Globodera rostochiensis</i> Ro2/3 | Ro2 oder Ro3 oder Ro5 |

Die Prüfung der Sortenresistenz gegen den Pathotyp Ro4 wird in Deutschland seit 2014 nicht mehr durchgeführt.

1) Es gelten die Forderungen des amtlichen Bekämpfungsprogramms hinsichtlich der Resistenzangaben. Derzeit gelten Sorten mit den Resistenznoten 9, 8 oder 7 als resistent. Werden keine Resistenznoten angegeben, müssen diese Sorten mit dem Buchstaben „R“ bzw. „r“ (teilresistent) bezeichnet worden sein.

2) Die ermittelte Resistenznote ist kleiner als 7. Die Sorte gilt damit als nicht resistent gegen den aufgeführten Pathotyp und darf im Rahmen des amtlichen Bekämpfungsprogrammes nicht angebaut werden.

Erläuterungen:

Relative Anfälligkeit

| relative Anfälligkeit im Vergleich zu Standardsorten (%) | Resistenzgrad |
|----------------------------------------------------------|---------------|
| <1 | 9 |
| 1,1-3 | 8 |
| 3,1-5 | 7 |
| 5,1-10 | 6 |
| 10,1-15 | 5 |
| 15,1-25 | 4 |
| 25,1-50 | 3 |
| 50,1-100 | 2 |
| >100 | 1 |

Relative Anfälligkeit = Endpopulation unter Testsorte/Endpopulation unter der Standardsorte × 100. Basis ist die Anfälligkeit der Standardsorte Désirée

Reifegruppe:

| | |
|--------|----------------------------------------|
| sfr | sehr frühe Reifegruppe |
| fr | frühe Reifegruppe |
| mfr | mittelfrühe Reifegruppe |
| msp-sp | mittelspäte bis sehr späte Reifegruppe |

Verwendung:

| | |
|----|------------------|
| Sp | Speisesorte |
| Wi | Wirtschaftssorte |