



Description of Commercial Tomato Rootstocks as of June 4, 2013

Common Tomato Diseases and Pests and Susceptibility Characteristics

These subjective ratings have been found in public records. Additional information can be found in the attached addendum.

Rootstock	Bacterial Wilt	Corky Root Rot	Fusarium Wilt Race 1	Fusarium Wilt Race 2	Fusarium Crown and Root Rot	Southern Blight	Verticillium Wilt	Nematode	Tomato Mosaic Virus	Tomato Spotted Wilt Virus	Developer
61-071 RZ	S	R	R	R	R	N/A	R	R	R	N/A	Rijk Zwaan
Achilles	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Takii Seed
Aegis	R	S	R	R	S	N/A	R	R	R	N/A	Takii Seed
Aibou	S	S	R	R	R	N/A	S	R	R	N/A	Asahi Industries
Akaoni	S	S	S	S	S	N/A	S	S	R	N/A	Asahi Industries
Aligator	S	R	R	R	R	N/A	R	R	R	S	Gautier Seeds
Aloha	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Takii Seed
Anchor-T	R	S	R	R	NA	N/A	R	R	R	N/A	Takii Seed
Aooni	S	S	R	R	S	N/A	R	R	R	N/A	Asahi Industries
Armada	R	R	R	R	R	R	R	R	R	R	Takii Seed
B.B.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Takii Seed
Beaufort	S	R	R	R	R	N/A	R	R	R	N/A	DeRuiter Seeds
BHN 1053	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	BHN Seed
BHN 1054	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	BHN Seed
BHN 998	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	BHN Seed
Big Power	S	R	R	R	N/A	R	R	R	R	N/A	Rijk Zwaan
Body	S	R	S	R	N/A	N/A	R	R	R	N/A	Bruinsma Seeds
Brigeor	N/A	R	R	R	R	N/A	R	R	R	N/A	Gautier Seeds
Bruce RZ	N/A	R	R	R	R	N/A	R	S	R	N/A	Rijk Zwaan

Notes: N/A – Information is **not** available

R – Resistant

S – Susceptible

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Camel	R	S	R	R	R	N/A	R	R	R	N/A	Takii Seed
Cheong Gang	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Seminis Vegetable Seeds
Colosus RZ	N/A	R	R	R	R	N/A	R	R	R	N/A	Rijk Zwaan
Dai Honmei	R	R	R	S	N/A	R	R	R	R	N/A	Asahi Industries
DRO138TX	S	S	S	R	R	N/A	R	S	R	N/A	DeRuiter Seeds
Efialto	S	S	R	R	R	N/A	R	R	R	N/A	Enza Zaden
EG203	R	N/A	R	R	N/A	N/A	N/A	R	N/A	N/A	Asian Vegetable Research and Development Center
Emperador RZ	N/A	R	R	R	R	S	R	R	R	N/A	Rijk Zwaan
Estamino	S	S	R	R	R	N/A	R	R	R	R	Enza Zaden
GCR 66	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Glass House Crops Research Institute
Hawaii 7996	R	N/A	R	R	N/A	N/A	N/A	S	N/A	N/A	University of Hawaii
Hawaii 7998	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	University of Florida
Helper-M	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Takii Seed
He-Man (TX301)	NA	S	S	R	R	N/A	R	R	R	N/A	Syngenta Seeds
Jjak Kkung	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Seminis Vegetable Seeds
Kaiser RZ	N/A	R	R	R	R	N/A	R	R	R	N/A	Rijk Zwaan
King Kong RZ	N/A	R	R	R	R	N/A	R	R	R	N/A	Rijk Zwaan

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Maxifort	S	R	mR	R	R	N/A	R	R	R	N/A	DeRuiter Seeds
Montezuma RZ	N/A	R	R	R	R	N/A	R	R	R	N/A	Rijk Zwaan
Multifort	S	S	R	R	S	S	S	R	S	S	DeRuiter Seeds
NCSI	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	DeRuiter Seeds
NUN0003	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Nunhems Seeds
NUN0004	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Nunhems Seeds
NUN0005	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Nunhems Seeds
Resiguard	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Hazera Seeds
Resistar	S	R	S	S	S	N/A	R	S	R	N/A	Hazera Seeds
Robusta	S	R	S	R	NA	N/A	R	S	R	N/A	Bruinsma Seeds
RST-04-105-T	R	R	R	R	R	N/A	R	R	S	N/A	DP Seeds
RST-04-106-T	R	R	R	R	S	N/A	S	R	R	N/A	DP Seeds
RST-04-107-T	S	R	R	R	S	N/A	R	R	R	N/A	DP Seeds
RST-04-111-E	R	S	R	R	S	N/A	R	R	S	N/A	DP Seeds
RST-05-113-TE	R	N/A	R	R	S	N/A	R	S	S	N/A	DP Seeds
RST-04-105	R	R	R	R	R	R	R	R	S	N/A	DP Seeds
Spirit	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Nunhems Seeds
Stallone RZ	R	R	R	R	R	N/A	R	S	R	N/A	Rijk Zwaan

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Strong Foot	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Syngenta Seeds
Suke-San	R	S	R	R	R	N/A	R	R	R	N/A	Asahi Industries
Supernatural	S	R	R	S	R	N/A	R	R	R	N/A	Territorial Seed Co.
Survivor	mR	S	R	R	NA	N/A	R	R	R	N/A	Takii Seed
TMAA804	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Sakata Seed America
TMZQ702	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Sakata Seed America
TMZV802	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Sakata Seed America
TMZV803	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Sakata Seed America
Trooper	S	R	R	R	R	N/A	S	R	R	N/A	Seedway
Vigostar 09	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Hazera Seeds
Yedi	N/A	R	R	R	R	N/A	R	R	R	N/A	Rijk Zwaan

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Addendum

The table above was prepared using information available in public documents, specifically seed catalogues. Therefore, the information represents a summation of information available in the catalogues as provided by the seller. The information presented is not the sum total of that available on the rootstocks listed; breeders, researchers and others may have additional information on the rootstocks. All with research-based information on the rootstocks listed in the table are encouraged to submit it for inclusion in updated versions of the table and its Addendum.

- McAvoy, T. *, M. Paret, J.H. Freeman, S. Rideout, and S.M. Olson. 2012. Evaluation of grafting using hybrid rootstocks for management of bacterial wilt in field tomato production. HortScience 47: 621-625.
- **McAvoy**, T.*, M. Paret, J.H. Freeman. 2012. Managing root-knot nematode in tomato with resistant rootstocks. Phytopathology 102: S4.78.

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