



# Description of Commercial Tomato Rootstocks as of February 5, 2015

## Common Tomato Diseases and Pests and Susceptibility Characteristics

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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
Aegis	IR	IR	HR	HR	HR		HR	HR	R		Takii Seed
Aibou			R	R	R			R	R		Asahi Industries
Akaoni									R		Asahi Industries
Aligator		IR	HR	HR	HR		HR	IR	HR		Gautier Seeds
Anchor-T			HR	HR	R		R	R	R		Takii Seed
Aooni			R	R			HR	HR	R		Asahi Industries
Arnold			R	R	R			R	R		Syngenta Seeds
Armada	HR	IR	HR	HR	HR		HR	HR	R		Takii Seed
B.B.	HR		HR	HR	HR		HR	HR	R		Takii Seed
Beaufort		R	R	R	R		R	R	R		DeRuiter Seeds
BHN 1053											BHN Seed
BHN 1054											BHN Seed
BHN 998											BHN Seed
Block	R		R	R	R		R	R	R		Sakata Seed
Body		R		R			R	R	R		Bruinsma Seeds
Bolante			R	R	R		R	R	R		Takii Seed
Brigeor		IR	HR	HR	HR		HR	IR	HR		Gautier Seeds
Bruce RZ		HR	HR	HR	HR		HR		HR		Rijk Zwaan
Camel	IR		HR	HR	HR		HR	HR	R		Takii Seed

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Cheong Gang	IR		HR	HR	HR			IR	HR		Seminis Vegetable Seeds
Colosus RZ		HR	HR	HR	HR		HR	IR	HR		Rijk Zwaan
Dai Honmei	R	R	R			R	R	R	R		Asahi Industries
DRO138TX				R	R		R		R		DeRuijter Seeds
DRO141TX			R	R	R		R		R		DeRuijter Seeds
E28.34679			HR	HR	HR		HR	IR	HR	IR	Enza Zaden
EG203	R		R	R				R			Asian Vegetable Research and Development Center
Eldorado			R	R	R		R	R	R	R	Enza Zaden
Emperador RZ		HR	HR	HR	HR		HR	IR	HR		Rijk Zwaan
Enforcer		R	R	R	R		R	R	R	R	Nunhems Seeds
Enhancer		R	R	R	R		R	R	R	R	Nunhems Seeds
Enpower		R	R	R	R		R	R	R	R	Nunhems Seeds
Estamino			HR	HR	HR		HR	IR	HR	IR	Enza Zaden
Fortamino		IR	HR	HR	HR		HR	IR	HR	IR	Enza Zaden
GCR 66											Glass House Crops Research Institute
Groundforce			R	R	R		R	R	R		Sakata Seed

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Guardian			R	R	R		R	R	R		DP Seeds
Guardiao	R		R	R	R		R	R	R		Takii Seed
He-Man			R	R	R		R	R	R		Syngenta
Kaiser RZ		R	R	R	R		R	R	R		Rijk Zwaan
King Kong RZ		R	R	R	R		R	R	R		Rijk Zwaan
Maxifort		R	R	R	R		R	R	R		DeRuiter Seeds
Multifort			R	R				R			DeRuiter Seeds
Optifort			R	R	R		R	R	R		DeRuiter Seeds
NCI											DeRuiter Seeds
Palo Verde		R	R	R	R		R	R	R		Seraim Gedera
PU-125R			R	R			R	R			Emerald Agricultural Technologies
Receive	R		R	R	R			R	R		Sakata Seed
Resistar		R					R		R		Hazera Seeds
Robusta		R		R			R		R		Bruinsma Seeds
RT-04-105-T	R	R	R	R	R		R	R			DP Seeds
RT-04-106-T	R	R	R	R				R	R		DP Seeds
RT-04-107-T		HR	HR	HR			HR	HR	HR		DP Seeds
RT-04-107-T		HR	HR	HR			HR	HR	HR		DP Seeds

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This table was developed with support provided by USDA-National Institute of Food and Agriculture (NIFA) (Specialty Crop Research Initiative Award # 2011-51181-30963; “Development of Grafting Technology to Improve Sustainability and Competitiveness of the U.S. Fruiting Vegetable Industry”), institutions participating in that project and their collaborators. Please direct questions and comments about the table to Dr. Matthew D. Kleinhenz, Dept. of Horticulture and Crop Science, The Ohio State University-OARDC. Page 3 of 5



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RT-04-111-E	HR		HR	HR			HR	HR			DP Seeds
RT-05-113-TE	HR		HR	HR			HR	HR			DP Seeds
Root star			R	R	R					R	Hazera Seeds
Spirit		R	R	R	R		R	R	R		Nunhems Seeds
Stallone RZ	HR	HR	HR	HR	HR		HR		HR		Rijk Zwaan
Strong Foot											Syngenta Seeds
Suke-san	R		R	R	R		R	R	R		Asahi Industries
Supernatural		R	R		R		R	R	R		Plug Connection
Survivor	IR		HR	HR	HR		HR	HR	R		Takii Seed
Taurino		R	R	R	R		R	R	R		Zeraim Gedera
TD-1	IR	HR	HR	HR	HR		HR	HR	R		Takii Seed
TD-2	IR	HR	HR	HR	HR		HR	HR	R		Takii Seed
TM10038			R	R	R		R	R	R		Sakata
TO-124R											Emerald Agricultural Technologies
TOP-2005			R	R	R		R		R		Top Seeds
TOP-2010			R	R	R		R		R		Top Seeds
TORT-153			R	R			R	R			Emerald Agricultural Technologies
Triton			R	R	R		R	R	R		DeRuiter Seeds

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Trooper		R	R	R	R			R	R		Seedway
Woodstock	R		R	R	R			R	R		Sakata Seed
Yedi RZ		HR	HR	HR	HR		HR	IR	HR		Rijk Zwaan

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