

**Table S1.** Collection of 397 papers on tomato grafting, ranging from 1944 to 2020.

Title	Year	Authors	Journal	DOI	Citations	Purpose	Experimental conditions
A NEW METHOD TO ESTIMATE VEGETABLE SEEDLING VIGOR, PILOTED WITH TOMATO, FOR USE IN GRAFTING AND OTHER CONTEXTS	2016	Hu B, Bennett Ma, Kleinhenz Md	Horttechnology	10.21273/HORTTECH03485-16	3	Characterization studies	Controlled
A NOVEL STRATEGY TO ENHANCE RESISTANCE TO CUCUMBER MOSAIC VIRUS IN TOMATO BY GRAFTING TO TRANSGENIC ROOTSTOCKS	2016	Bai M, Chen WT, Xie BY, Yang GS	Journal of Integrative Agriculture	10.1016/S2095-3119(16)61330-8	8	Biotic stress	Controlled
A ROOTSTOCK PROVIDES WATER CONSERVATION FOR A GRAFTED COMMERCIAL TOMATO (SOLANUM LYCOPERSICUM L.) LINE IN RESPONSE TO MILD-DROUGHT CONDITIONS: A FOCUS ON VEGETATIVE GROWTH AND PHOTOSYNTHETIC	2014	Nilsen Et, Freeman J, Grene R, Tokuhisa J	Plos One	10.1371/journal.pone.0115380	26	Abiotic stress	Controlled
A STUDY ON ABA INVOLVEMENT IN THE RESPONSE OF TOMATO TO SUBOPTIMAL ROOT TEMPERATURE USING RECIPROCAL GRAFTS WITH NOTABILIS, A NULL MUTANT IN THE ABA-BIOSYNTHESIS GENE LENCED1	2014	Ntatsi G, Savvas D, Huntenburg K, Druerge U, Hincha Dk, Zuther E, Schwarz D	Environmental and Experimental Botany	10.1016/j.envexpbot.2013.09.011	17	Characterization studies	Controlled
A TOMATO PHLOEM-MOBILE PROTEIN REGULATES THE SHOOT-TO-ROOT RATIO BY MEDIATING THE AUXIN RESPONSE IN DISTANT ORGANS	2015	Spiegelman Z, Ham BK, Zhang Z, Toal Tw, Brady Sm, Zheng Y, Fei Z, Lucas Wj, Wolf S	Plant Journal	10.1111/tpj.12932	42	Characterization studies	Controlled
A TOMATO STRIGOLACTONE-IMPAIRED MUTANT DISPLAYS ABERRANT SHOOT MORPHOLOGY AND PLANT INTERACTIONS	2010	Koltai H, Lekkala Sp, Bhattacharya C, MayzlishGati E, Resnick N, Wininger S, Dor E, Yoneyama K, Yoneyama K, Hershenhorn J, Joel Dm, Kapulnik Y	Journal of Experimental Botany	10.1093/jxb/erq041	95	Characterization studies	Controlled
ABSORPTION, TRANSLOCATION, AND METABOLISM OF 14C-HALOSULFURON IN GRAFTED EGGPLANT AND TOMATO	2017	Chaudhari S, Jennings Km, Monks Dw, Jordan Dl, Gunter Cc, Louws Fj	Weed Technology	10.1017/wet.2017.65	1	Biotic stress	Controlled
ACCUMULATION ON FREE POLYAMINES ENHANCED ANTIOXIDANT RESPONSE IN FRUIT OF GRAFTING TOMATO PLANTS UNDER WATER STRESS	2016	SánchezRodríguez E, Romero L, Ruiz Jm	Journal of Plant Physiology	10.1016/j.jplph.2015.10.010	51	Abiotic stress	Controlled

AGRONOMIC CHARACTERISTICS OF TOMATO PLANT CULTIVAR SANTA CRUZ KADA GRAFTED ON SPECIES OF THE GENUS SOLANUM	2017	Zeist Ar, Resende Jtv, Silva Ifl, Oliveira Jrf, Faria Cmdr, Giacobbo Cl	Horticultura Brasileira	10.1590/S0102-053620170317	11	Productivity and fruit quality	Controlled
ALTERATION OF THE PATTERN OF DISTRIBUTION OF PHOTOSYNTHETIC PRODUCTS IN THE TOMATO BY MANIPULATION OF THE PLANT	1969	Khan A, Sagar Gr	Annals of Botany	10.1093/oxfordjournals.aob.a084322	31	Characterization studies	Controlled
ALTERATIONS OF DNA METHYLATION IN DIVERSE GRAFTED HYBRID TOMATOES (SOLANUM LYCOPERSICUM L.)	2016	Xincheng X, Ali Z, Weiyi S, Ghorri N, Hongbo S, Jinping D	Pakistan Journal of Agricultural Sciences	10.21162/PAKJAS/16.4646	2	Characterization studies	Controlled
AN ALTERNATIVE HEALING METHOD FOR GRAFTED TOMATO TRANSPLANTS: THE EFFECT OF LIGHT EXCLUSION AND SUBSTRATE TEMPERATURE ON PLANT SURVIVAL AND GROWTH	2020	Lang Km, Nair A, Litvin Ag	Horttechnology	10.21273/HORTTECH04626-20	1	Characterization studies	Controlled
AN ANALYSIS OF THE DEVELOPMENT OF THE GRAFT UNION IN LYCOPERSICON ESCULENTUM	1974	Lindsay Dw, Yeoman Mm, Brown R	Annals of Botany	10.1093/oxfordjournals.aob.a084849	22	Characterization studies	Controlled
AN ECONOMIC ANALYSIS OF TWO GRAFTED TOMATO TRANSPLANT PRODUCTION SYSTEMS IN THE UNITED STATES	2010	Rivard Cl, Sydorovych O, O'connell S, Peet Mm, Louws Fj	Horttechnology	10.21273/horttech.20.4.794	39	Economy and technology	Controlled
ANATOMY AND PHYSIOLOGY OF GRAFT INCOMPATIBILITY IN SOLANACEOUS PLANTS	2008	Kawaguchi M, Taji A, Backhouse D, Oda M	Journal of Horticultural Science and Biotechnology	10.1080/14620316.2008.11512427	59	Characterization studies	Controlled
ANTIOXIDANT RESPONSE RESIDES IN THE SHOOT IN RECIPROCAL GRAFTS OF DROUGHT-TOLERANT AND DROUGHT-SENSITIVE CULTIVARS IN TOMATO UNDER WATER STRESS	2012	SánchezRodríguez E, RubioWilhelmi Mm, Blasco B, Leyva R, Romero L, Ruiz Jm	Plant Science	10.1016/j.plantsci.2011.12.019	80	Abiotic stress	Controlled
ARSENIC UPTAKE AND PARTITIONING IN GRAFTED TOMATO PLANTS	2016	Stazi Sr, Cassaniti C, Marabottini R, Giuffrida F, Leonardi C	Horticulture Environment and Biotechnology	10.1007/s13580-016-0036-6	16	Abiotic stress	Controlled
ATTENUATED ACCUMULATION OF JASMONATES MODIFIES STOMATAL RESPONSES TO WATER DEFICIT	2018	De Ollas C, Arbona V, GómezCadenas A, Dodd Ic	Journal of Experimental Botany	10.1093/jxb/ery045	31	Abiotic stress	Controlled
AXILLARY BUD FORMATION IN TWO ISOGENIC LINES OF TOMATO SHOWING DIFFERENT DEGREES OF APICAL DOMINANCE	1981	Tucker Dj	Annals of Botany	10.1093/oxfordjournals.aob.a086190	13	Characterization studies	Controlled
BACTERIAL WILT-RESISTANT TOMATO ROOTSTOCK SUPPRESSES MIGRATION	2018	Inoue Y, Kawaguchi A, Nakaho K	Journal of General Plant Pathology	10.1007/s10327-018-0771-x	2	Biotic stress	Field

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OF RALSTONIA SOLANACEARUM INTO SOIL							
BEHAVIOR OF DIFFERENT GRAFTING STRATEGIES USING AUTOMATED TECHNOLOGY FOR SPLICE GRAFTING TECHNIQUE	2020	PardoAlonso JL, CarreñoOrtega A, MartínezGaitán CC, Fatnassi H	Applied Sciences (Switzerland)	10.3390/APP10082745	2	Economy and technology	Controlled
BEMISIA TABACI (GENNADIUS) POPULATION DENSITY AND PUPAL SIZE ARE DEPENDENT ON ROOTSTOCK AND NITROGEN IN HYDROPONIC TOMATO CROP	2017	Žanić K, Dumičić G, Urlić B, Vuletin Selak G, Goreta Ban S	Agricultural and Forest Entomology	10.1111/afe.12179	5	Biotic stress	Controlled
BEMISIA TABACI MED POPULATION DENSITY AS AFFECTED BY ROOTSTOCK-MODIFIED LEAF ANATOMY AND AMINO ACID PROFILES IN HYDROPONICALLY GROWN TOMATO	2018	Žanić K, Dumičić G, Mandušić M, Selak Gv, Bočina I, Urlić B, Ljubenkovic I, Popović Vb, Ban Sg	Frontiers In Plant Science	10.3389/fpls.2018.00086	7	Biotic stress	Controlled
BIOLOGICAL CONTROL OF FUSARIUM WILT IN GREENHOUSE TOMATO BY MYCORRHIZAL FUNGI AND RESISTANT ROOTSTOCK	2014	Bolandnazar S, Moghbeli EM, Panahandeh J, Arzanlou M	Acta Horticulturae	10.17660/ActaHortic.2014.1041.13	2	Biotic stress	Controlled
BIOMASS PRODUCTION, TRANSPIRATION RATE AND ENDOGENOUS ABSCISIC ACID LEVELS IN GRAFTS OF FLACCA AND WILD-TYPE TOMATO (LYCOPERSICON ESCULENTUM)	2002	Chen G, Lips Sh, Sagi M	Functional Plant Biology	10.1071/PP01263	21	Characterization studies	Controlled
BIOSTIMULANTS AND CHERRY ROOTSTOCK INCREASED TOMATO FRUIT YIELD AND QUALITY IN SUSTAINABLE FARMING SYSTEMS	2020	Caradonia F, Ronga D, Flore A, Barbieri R, Moulin L, Terzi V, Francia E	Italian Journal of Agronomy	10.4081/ija.2020.1553	5	Productivity and fruit quality	Both
CADMIUM STRESS ANTIOXIDANT RESPONSES AND ROOT-TO-SHOOT COMMUNICATION IN GRAFTED TOMATO PLANTS	2015	Gratão Pl, Monteiro CC, Tezotto T, Carvalho RF, Alves Lr, Peters Lp, Azevedo Ra	Biomaterials	10.1007/s10534-015-9867-3	105	Abiotic stress	Controlled
CADMIUM STRESS RELATED TO ROOT-TO-SHOOT COMMUNICATION DEPENDS ON ETHYLENE AND AUXIN IN TOMATO PLANTS	2017	Alves Lr, Monteiro Cc, Carvalho Rf, Ribeiro Pc, Tezotto T, Azevedo Ra, Gratão Pl	Environmental and Experimental Botany	10.1016/j.envexpbot.2016.11.008	50	Abiotic stress	Controlled
CAFT-LIKE IS A FLOWERING PROMOTER IN PEPPER AND FUNCTIONS AS FLORIGEN IN TOMATO	2020	Borovsky Y, Mohan V, Shabtai S, Paran I	Plant Science	10.1016/j.plantsci.2020.110678	2	Characterization studies	NI
CALCIUM UPTAKE AND RESISTANCE TO BACTERIAL WILT OF MUTUALLY GRAFTED TOMATO SEEDLINGS	2000	Yamazaki H, Kikuchi S, Hoshina T, Kimura T	Soil Science and Plant Nutrition	10.1080/00380768.2000.10408806	18	Biotic stress	Controlled

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CAN GRAFTING IN TOMATO PLANTS STRENGTHEN RESISTANCE TO THERMAL STRESS?	2003	Rivero Rm, Ruiz Jm, Romero L	Journal of The Science of Food and Agriculture	10.1002/jsfa.1541	55	Abiotic stress	Controlled
CAN GRAFTING ONTO SUITABLE ROOTSTOCKS CONTRIBUTE TO LESS DISCHARGE OF DRAINAGE WATER IN SEMI-CLOSED SOILLESS CULTIVATIONS OF TOMATO?	2020	Savvas D, Tsopelopoulos K, Vourdas C, Chatzigiakoumis E, Ropokis A, Ntatsi G	Acta Horticulturae	10.17660/ActaHortic.2020.1268.15	0	Abiotic stress	Controlled
CELL-CELL ADHESION IN PLANT GRAFTING IS FACILITATED BY B-1,4-GLUCANASES	2020	Notaguchi M, Kurotani KI, Sato Y, Tabata R, Kawakatsu Y, Okayasu K, Sawai Y, Okada R, Asahina M, Ichihashi Y, Shirasu K, Suzuki T, Niwa M, Higashiyama T	Science	10.1126/science.abc3710	29	Characterization studies	Controlled
CHANGE OF ASCORBIC ACID LEVEL AFTER GRAFTING OF TOMATO SEEDLINGS	1999	Wadano A, Azeta M, Itotani SI, Kanda A, Iwaki T, Taira T, Fujii Y, Nishiura Y, Murase H, Honami N	Zeitschrift Fur Naturforschung - Section C Journal of Biosciences	10.1515/znc-1999-9-1032	10	Characterization studies	Controlled
CHANGES IN YIELD, GROWTH AND PHOTOSYNTHESIS IN A DROUGHT-ADAPTED MEDITERRANEAN TOMATO LANDRACE (SOLANUM LYCOPERSICUM ‘RAMELLET’) WHEN GRAFTED ONTO COMMERCIAL ROOTSTOCKS AND SOLANUM PIMPINELLIFOLIUM	2018	FullanaPericàs M, Ponce J, Conesa Mà, Juan A, RibasCarbó M, Galmés J	Scientia Horticulturae	10.1016/j.scienta.2018.01.045	14	Abiotic stress	Controlled
CHARACTERIZATION OF THE GROWTH AND FRUIT QUALITY OF TOMATO GRAFTED ON A WOODY MEDICINAL PLANT, LYCIUM CHINENSE	2015	Huang W, Liao S, Lv H, Khaldun Abm, Wang Y	Scientia Horticulturae	10.1016/j.scienta.2015.10.005	18	Characterization studies	Controlled
CHLOROPHYLL FLUORESCENCE, PHOTOSYNTHESIS AND GROWTH OF TOMATO PLANTS AS AFFECTED BY LONG-TERM OXYGEN ROOT ZONE DEPRIVATION AND GRAFTING	2020	Mauro Rp, Agnello M, Distefano M, Sabatino L, Primo Asb, Leonardi C, Giuffrida F	Agronomy	10.3390/agronomy10010137	10	Abiotic stress	Controlled
COMBINATION OF SOLARIZATION, BIOFUMIGATION AND GRAFTING TECHNIQUES FOR THE MANAGEMENT OF BACTERIAL WILT IN TOMATO	2019	Zeist Ar, De Resende Jtv, Pozzebon Bc, Gabriel A, Da Silva Aa, Zeist Ra	Horticultura Brasileira	10.1590/s0102-053620190302	4	Biotic stress	Both
COMBINED INFLUENCE OF CUTTING ANGLE AND DIAMETER DIFFERENCES BETWEEN SEEDLINGS ON THE GRAFTING SUCCESS OF TOMATO USING THE SPLICING TECHNIQUE	2019	PardoAlonso JL, CarreñoOrtega Á, MartínezGaitán CC, CallejónFerre ÁJ	Agronomy	10.3390/agronomy9010005	5	Characterization studies	Controlled

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COMPARATIVE ANALYSIS OF ROOT SYSTEM MORPHOLOGY IN TOMATO ROOTSTOCKS	2017	Suchoff Dh, Gunter Cc, Louws Fj	Horttechnology	10.21273/HORTTECH03654-17	13	Characterization studies	Controlled
COMPARATIVE PROFILING OF MIRNAS AND TARGET GENE IDENTIFICATION IN DISTANT-GRAFTING BETWEEN TOMATO AND LYCIUM (GOJI BERRY)	2016	Khaldun Abm, Huang W, Lv H, Liao S, Zeng S, Wang Y	Frontiers In Plant Science	10.3389/fpls.2016.01475	18	Characterization studies	Controlled
COMPARATIVE TRANSCRIPTOME ANALYSIS OF THE REGULATION OF ABA SIGNALING GENES IN DIFFERENT ROOTSTOCK GRAFTED TOMATO SEEDLINGS UNDER DROUGHT STRESS	2019	Zhang Z, Cao B, Li N, Chen Z, Xu K	Environmental and Experimental Botany	10.1016/j.envexpbot.2019.103814	18	Abiotic stress	Controlled
COMPARISON OF THE PRODUCTIVITY AND QUALITY OF THE GRAFTED AND UNGRAFTED TOMATO PLANTS GROWN IN THE GREENHOUSE WITH MYCORRHIZA APPLICATION	2007	Ulukapi K, Onus An	Acta Horticulturae	10.17660/ActaHortic.2007.758.45	1	Productivity and fruit quality	Controlled
COMPATIBILITY OF TOMATO CULTIVAR SANTA CRUZ KADA GRAFTED ON DIFFERENT SOLANACEAE SPECIES AND CONTROL OF BACTERIAL WILT	2018	Zeist Ar, Giacobbo Cl, Da Silva Neto Gf, Zeist Ra, Dorneles Kr, De Resende Jtv	Horticultura Brasileira	10.1590/s0102-053620180315	2	Biotic stress	Controlled
COMPREHENSIVE TRANSCRIPTOME PROFILING AND PHENOTYPING OF ROOTSTOCK AND SCION IN A TOMATO/POTATO HETEROGRAFTING SYSTEM	2019	Zhang G, Mao Z, Wang Q, Song J, Nie X, Wang T, Zhang H, Guo H	Physiologia Plantarum	10.1111/ppl.12858	7	Characterization studies	Controlled
CONFERRING HIGH-TEMPERATURE TOLERANCE TO NONTRANSGENIC TOMATO SCIONS USING GRAFT TRANSMISSION OF RNA SILENCING OF THE FATTY ACID DESATURASE GENE	2016	Nakamura S, Hondo K, Kawara T, Okazaki Y, Saito K, Kobayashi K, Yaeno T, Yamaoka N, Nishiguchi M	Plant Biotechnology Journal	10.1111/pbi.12429	8	Abiotic stress	Controlled
CONSTITUTIVE GIBBERELLIN RESPONSE IN GRAFTED TOMATO MODULATES ROOT-TO-SHOOT SIGNALING UNDER DROUGHT STRESS	2018	Gaion La, Monteiro Cc, Cruz Fjr, Rossatto Dr, LópezDíaz I, Carrera E, Lima Je, Peres Lep, Carvalho Rf	Journal of Plant Physiology	10.1016/j.jplph.2017.12.003	21	Abiotic stress	Controlled
CONTINUOUS-LIGHT TOLERANCE IN TOMATO IS GRAFT-TRANSFERABLE	2015	VelezRamirez Ai, Van Ieperen W, Vreugdenhil D, Millenaar Ff	Planta	10.1007/s00425-014-2202-3	6	Abiotic stress	Controlled
CONTRIBUTION OF PHYTOHORMONES IN ALLEVIATING THE IMPACT OF SUB-OPTIMAL TEMPERATURE STRESS ON GRAFTED TOMATO	2013	Ntatsi G, Savvas D, Druége U, Schwarz D	Scientia Horticulturae	10.1016/j.scienta.2012.09.002	23	Characterization studies	Controlled

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CONTROL OF COLLETOTRICHUM COCCODES ON TOMATO BY GRAFTING AND SOIL AMENDMENTS	2014	Gilardi G, Colla P, Pugliese M, Baudino M, Gullino MI, Garibaldi A	Journal of Phytopathology	10.1111/jph.12162	8	Biotic stress	Controlled
CONTROL OF FUSARIUM CROWN AND ROOT ROT OF TOMATO, CAUSED BY FUSARIUM OXYSPORUM F. SP. RADICIS-LYCOPERSICI, BY GRAFTING ONTO RESISTANT ROOTSTOCKS	2006	Hibar K, DaamiRemadi M, JabnounKhiareddine H, El Mahjoub M	Plant Pathology Journal	10.3923/ppj.2006.161.165	8	Biotic stress	Controlled
CONTROL OF PLANT GROWTH RESIDES IN THE SHOOT, AND NOT IN THE ROOT, IN RECIPROCAL GRAFTS OF FLACCA AND WILD-TYPE TOMATO (LYSOPERSICON ESCULENTUM), IN THE PRESENCE AND ABSENCE OF SALINITY STRESS	2003	Chen G, Fu X, Herman Lips S, Sagi M	Plant and Soil	10.1023/A:1026279719242	44	Abiotic stress	Controlled
CONTROL OF VERTICILLIUM WILT OF TOMATO AND CUCURBITS THROUGH GRAFTING OF COMMERCIAL VARIETIES ON RESISTANT ROOTSTOCKS	2002	Paplomatas Ej, Elena K, Tsagakarakou A, Perdikaris A	Acta Horticulturae	10.17660/ActaHortic.2002.579.77	27	Biotic stress	Controlled
CONVENTIONAL INDUSTRIAL ROBOTICS APPLIED TO THE PROCESS OF TOMATO GRAFTING USING THE SPLICING TECHNIQUE	2019	PardoAlonso JL, CarreñoOrtega Á, MartínezGaitán CC, Golasi I, Galán Mg	Agronomy	10.3390/agronomy9120880	3	Economy and technology	Controlled
COST BENEFIT ANALYSIS OF USING GRAFTED TRANSPLANTS FOR ROOT-KNOT NEMATODE MANAGEMENT IN ORGANIC HEIRLOOM TOMATO PRODUCTION	2012	Barrett Ce, Zhao X, Hodges Aw	Horttechnology	10.21273/horttech.22.2.252	29	Biotic stress	Field
CRITICAL PERIOD FOR WEED CONTROL IN GRAFTED AND NONGRAFTED FRESH MARKET TOMATO	2016	Chaudhari S, Jennings Km, Monks Dw, Jordan DI, Gunter Cc, Mcgowen Sj, Louws Fj	Weed Science	10.1614/WS-D-15-00049.1	13	Productivity and fruit quality	Controlled
CUCUMIS METULIFERUS REDUCES MELOIDOGYNE INCOGNITA VIRULENCE AGAINST THE MI1.2 RESISTANCE GENE IN A TOMATO-MELON ROTATION SEQUENCE	2019	Expósito A, García S, Giné A, Escudero N, Sorribas Fj	Pest Management Science	10.1002/ps.5297	9	Biotic stress	Controlled
CUTTING AFTER GRAFTING AFFECTS THE GROWTH AND CADMIUM ACCUMULATION OF TOMATO	2020	Liang L, Xie Y, Li X, Lin L, Sun G, Li H, Liang D, Xia H, Wang X, Tu L, Liao M, Tang Y	International Journal of Environmental Analytical Chemistry	10.1080/03067319.2020.1772774	0	Abiotic stress	Controlled
DE NOVO COMPARATIVE TRANSCRIPTOME ANALYSIS OF GENES DIFFERENTIALLY EXPRESSED IN THE	2019	Wang H, Zhou P, Zhu W, Wang F	Scientific Reports	10.1038/s41598-019-56563-z	11	Characterization studies	Controlled

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SCION OF HOMOGRAFTED AND HETEROGRAFTED TOMATO SEEDLINGS							
DEFENCE CASCADE IN VERTICILLIUM-INFECTED GRAFTED TOMATO	2018	Nazar Rn, Xu X, Blaya Fernandez J, Shittu H, Kurosky A, Robb J	Plant Signaling and Behavior	10.1080/15592324.2018.1475807	2	Biotic stress	Controlled
DETERMINING OF THE YIELD, QUALITY AND NUTRIENT CONTENT OF TOMATOES GRAFTED ON DIFFERENT ROOTSTOCKS IN SOILLESS CULTURE	2011	Geboloğlu N, Yilmaz E, Çakmak P, Aydın M, Kasap Y	Scientific Research and Essays	10.5897/sre10.1079	17	Productivity and fruit quality	Controlled
DEVELOPMENT OF AN AUTOMATIC OUTWARD-FEATURE PROPERTIES MEASUREMENT SYSTEM FOR GRAFTED TOMATO SEEDLINGS	2008	Chiu Yc, Chang My, Wu Gj, Chen Cc	Applied Engineering In Agriculture		21	Economy and technology	Controlled
DEVELOPMENT OF INTERCELLULAR CONNECTIONS BETWEEN OPPOSING CELLS IN A GRAFT UNION	1983	Jeffree Ce, Yeoman Mm	New Phytologist	10.1111/j.1469-8137.1983.tb02701.x	99	Characterization studies	Controlled
DEVELOPMENT, PRODUCTION, AND QUALITY OF 'CHONTO' TYPE TOMATO GRAFTED ON CHERRY TOMATO INTRODUCTIONS	2018	Franco Da, Arango Jf, HurtadoSalazar A, CeballosAguirre N	Revista Ceres	10.1590/0034-737X201865020006	2	Biotic stress	Controlled
DEVELOPMENTAL CHANGES DUE TO LONG-DISTANCE MOVEMENT OF A HOMEBOX FUSION TRANSCRIPT IN TOMATO	2001	Kim M, Canio W, Kessler S, Sinha N	Science	10.1126/science.1059805	291	Characterization studies	Controlled
DIFFERENT METHODS OF GRAFTING AND ACTIVITY OF ANTIOXIDANT ENZYMES IN TOMATO	2016	Silva Es, Menezes Dv, Silva Eg, Goto R, Lima Gpp	Revista Brasileirade Ciencias Agrarias	10.5039/agraria.v11i4a5392	2	Characterization studies	Controlled
DIFFERENTIAL RESPONSE OF MI GENE-RESISTANT TOMATO ROOTSTOCKS TO ROOT-KNOT NEMATODES (MELOIDOGYNE INCOGNITA)	2006	LópezPérez JA, Le Strange M, Kaloshian I, Ploeg At	Crop Protection	10.1016/j.cropro.2005.07.001	68	Biotic stress	Controlled
DISTINCT ROLES FOR JASMONATE SYNTHESIS AND ACTION IN THE SYSTEMIC WOUND RESPONSE OF TOMATO	2002	Li L, Li C, Lee Gi, Howe Ga	Proceedings of The National Academy of Sciences of The United States of America	10.1073/pnas.072072599	301	Characterization studies	Controlled
DISTRIBUTION OF SOME PECTIC AND ARABINOGALACTAN PROTEIN EPITOPES DURING SOLANUM LYCOPERSICUM (L.) ADVENTITIOUS ROOT DEVELOPMENT	2017	Sala K, Malarz K, Barlow Pw, Kurczyńska Eu	Bmc Plant Biology	10.1186/s12870-016-0949-3	20	Characterization studies	Controlled
DISTRIBUTION OF STEROIDAL GLYCOALKALOIDS IN RECIPROCAL GRAFTS OF SOLANUM TUBEROSUM L. AND LYCOPERSICON ESCULENTUM MILL	1982	Roddick, Jg	Experientia	10.1007/BF01952637	15	Characterization studies	Controlled

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DOES GRAFTING PROVIDE TOMATO PLANTS AN ADVANTAGE AGAINST H2O2 PRODUCTION UNDER CONDITIONS OF THERMAL SHOCK?	2003	Rivero Rm, Ruiz Jm, Sánchez E, Romero L	Physiologia Plantarum	10.1034/j.1399-3054.2003.1170105.x	90	Abiotic stress	Controlled
DOES MYCORRHIZA IMPROVE SALINITY TOLERANCE IN GRAFTED PLANTS?	2013	Oztekin Gb, Tuzel Y, Tuzel Ih	Scientia Horticulturae	10.1016/j.scienta.2012.02.033	19	Abiotic stress	Controlled
DROUGHT-INDUCED PROLINE SYNTHESIS DEPENDS ON ROOT-TO-SHOOT COMMUNICATION MEDIATED BY LIGHT PERCEPTION	2018	Ferreira Júnior Dc, Gaion La, Sousa Júnior Gs, Santos Dmm, Carvalho Rf	Acta Physiologiae Plantarum	10.1007/s11738-017-2591-6	6	Abiotic stress	Controlled
ECONOMIC ANALYSIS OF GRAFTED TOMATO PRODUCTION IN SANDY SOILS IN NORTHERN FLORIDA	2013	Djidonou D, Gao Z, Zhao X	Horttechnology	10.21273/horttech.23.5.613	27	Economy and technology	Controlled
EFFECT OF ACCLIMATION ENVIRONMENTS, GRAFTING METHODS AND ROOTSTOCK RVTC-66 ON THE SEEDLING DEVELOPMENT AND PRODUCTION OF TOMATO	2020	Zeist Ar, De Resende Jtv, Zanin Ds, Silva Albrd, Perrud Ac, Bueno Ga, Arantes Jhv, De Lima Dp	Scientia Horticulturae	10.1016/j.scienta.2020.109496	0	Characterization studies	Controlled
EFFECT OF CALCIUM CONCENTRATION IN NUTRIENT SOLUTION ON DEVELOPMENT OF BACTERIAL WILT AND POPULATION OF ITS PATHOGEN RALSTONIA SOLANACEARUM IN GRAFTED TOMATO SEEDLINGS	2000	Yamazaki H, Kikuchi S, Hoshina T, Kimura T	Soil Science and Plant Nutrition	10.1080/00380768.2000.10408807	11	Biotic stress	Controlled
EFFECT OF CUTTING ANGLE IN THE SPEED OF HEALING UNDER SPLICE GRAFTING METHOD	2020	CarreñoOrtega A, PardoAlonso JI, DíazPérez M, CallejónFerre Aj	Acta Horticulturae	10.17660/ActaHortic.2020.1296.40	0	Characterization studies	Controlled
EFFECT OF DIFFERENT ROOTSTOCK TYPE ON QUALITY AND YIELD OF TOMATO FRUITS	2009	Mišković A, Ilin Ž, Marković V	Acta Horticulturae		18	Productivity and fruit quality	Controlled
EFFECT OF DIFFERENT ROOTSTOCKS ON GROWTH, CHLOROPHYLL A FLUORESCENCE AND MINERAL COMPOSITION OF TWO GRAFTED SCIONS OF TOMATO	2013	Goto R, De Miguel A, Marsal Ji, Gorbe E, Calatayud A	Journal of Plant Nutrition	10.1080/01904167.2012.757321	10	Characterization studies	Controlled
EFFECT OF EGGPLANT ROOTSTOCK ON YIELD AND QUALITY PARAMETERS OF GRAFTED TOMATO	2016	Miskovic A, Ilic O, Bacanovic J, Vujasinovic V, Kukić B	Acta Scientiarum Polonorum, Hortorum Cultus		5	Productivity and fruit quality	Both
EFFECT OF ENVIRONMENT ON SURVIVAL OF EGGPLANT, PEPPER, AND TOMATO IN A SMALL-SCALE HEALING CHAMBER	2018	Buajaila Fa, Devi P, Miles Ca	Horttechnology	10.21273/HORTTECH04103-18	4	Characterization studies	Controlled
EFFECT OF GRAFTING AND DIFFERENT EC LEVELS OF SALINE IRRIGATION	2019	Abdelaziz Me, Abdeldaym Ea	Plant Archives		4	Abiotic stress	Controlled

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WATER ON GROWTH, YIELD AND FRUIT QUALITY OF TOMATO (LYCOPERSICON ESCULENTUM) IN GREENHOUSE							
EFFECT OF GRAFTING AND RIPENING CONDITIONS ON SOME QUALITATIVE TRAITS OF 'CUORE DI BUE' TOMATO FRUITS	2013	Nicoletto C, Tosini F, Sambo P	Journal of The Science of Food and Agriculture	10.1002/jsfa.5906	19	Productivity and fruit quality	Controlled
EFFECT OF GRAFTING ON BIOCHEMICAL AND NUTRITIONAL TRAITS OF 'CUORE DI BUE' TOMATOES HARVESTED AT DIFFERENT RIPENING STAGES	2013	Nicoletto C, Tosini F, Sambo P	Acta Agriculturae Scandinavica Section B: Soil and Plant Science	10.1080/09064710.2012.729606	19	Productivity and fruit quality	Controlled
EFFECT OF GRAFTING ON GROWTH, YIELD AND FRUIT QUALITY OF SINGLE AND DOUBLE STEMMED TOMATO PLANTS GROWN HYDROPONICALLY	2014	Rahmatian A, Delshad M, Salehi R	Horticulture Environment and Biotechnology	10.1007/s13580-014-0167-6	29	Productivity and fruit quality	Controlled
EFFECT OF GRAFTING ON SALINITY TOLERANCE IN TOMATO PRODUCTION	2009	Öztekin Gb, Tüzel Y, Tüzel Ih	Acta Horticulturae	10.17660/ActaHortic.2009.807.94	5	Abiotic stress	Controlled
EFFECT OF GRAFTING ON THE TOMATO'S YIELD, QUALITY AND MAIN FRUIT COMPONENTS IN SPRING FORCING	2005	Pogonyi Á, Pék Z, Helyes L, Lugasi A	Acta Alimentaria	10.1556/AAlim.34.2005.4.12	61	Productivity and fruit quality	Controlled
EFFECT OF GRAFTING ON TOMATO FRUIT QUALITY	2019	Sora D, Doltu M, Drăghici Em, Bogoescu Mi	Notulae Botanicae Horti Agrobotanici Cluj-Napoca	10.15835/nbha47411719	2	Productivity and fruit quality	Controlled
EFFECT OF GRAFTING TOMATO ON DIFFERENT ROOTSTOCKS ON GROWTH AND PRODUCTIVITY UNDER GLASSHOUSE CONDITIONS	2009	Mohammed Smt, Humidan M, Boras M, Abdalla Oa	Asian Journal of Agricultural Research	10.3923/ajar.2009.47.54	20	Productivity and fruit quality	Controlled
EFFECT OF HEALING CHAMBER DESIGN ON THE SURVIVAL OF GRAFTED EGGPLANT, TOMATO, AND WATERMELON	2011	Johnson Sj, Miles Ca	Horttechnology	10.21273/horttech.21.6.752	25	Economy and technology	Controlled
EFFECT OF MUTUAL GRAFTING ON THE GROWTH AND MOISTURE CONTENT IN POST-GRAFTING OF TWO VARIETIES CHERRY TOMATO SEEDLINGS	2020	Liang L, Li A, Jing Q, Huang Y, Han J, Tang Y	Iop Conference Series: Earth and Environmental Science	10.1088/1755-1315/446/3/032010	0	Productivity and fruit quality	non informed
EFFECT OF NICKEL AND GRAFTING COMBINATION ON YIELD, FRUIT QUALITY, ANTIOXIDATIVE ENZYME ACTIVITIES, LIPID PEROXIDATION, AND MINERAL COMPOSITION OF TOMATO	2015	Kumar P, Roupheal Y, Cardarelli M, Colla G	Journal of Plant Nutrition and Soil Science	10.1002/jpln.201400651	31	Abiotic stress	Controlled

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EFFECT OF NITROGEN FORM AND NUTRIENT SOLUTION PH ON GROWTH AND MINERAL COMPOSITION OF SELF-GRAFTED AND GRAFTED TOMATOES	2013	Borgognone D, Colla G, Roupheal Y, Cardarelli M, Rea E, Schwarz D	Scientia Horticulturae	10.1016/j.scienta.2012.02.012	89	Productivity and fruit quality	Controlled
EFFECT OF NURSERY ENVIRONMENTAL CONDITION AND DIFFERENT CULTIVARS ON SURVIVAL RATE OF GRAFTED TOMATO SEEDLING	2014	Vu NT, Xu ZH, Kim YS, Kang HM, Kim IS	Acta Horticulturae		4	Economy and technology	Controlled
EFFECT OF PARTIAL ROOT-ZONE DRYING ON GRAFTED TOMATO IN COMMERCIAL GREENHOUSE	2020	Urlic B, Runjic M, Žanic K, Mandušić M, Selak Gv, Paskovic I, Dumcic G	Horticultural Science	10.17221/130/2018-HORTSCI	1	Abiotic stress	Controlled
EFFECT OF ROOT SUBSTRATE FORMULATIONS ON THE GROWTH OF GRAFTED TOMATO PLUG SEEDLINGS	2008	Choi Jm, Kang Cs, Ahn Jw	Acta Horticulturae	10.17660/actahortic.2008.782.44	0	Productivity and fruit quality	Controlled
EFFECT OF ROOTSTOCK ON GROWTH, FRUIT PRODUCTION AND QUALITY OF TOMATO PLANTS GROWN UNDER LOW TEMPERATURE AND LIGHT CONDITIONS	2015	Riga P	Horticulture Environment and Biotechnology	10.1007/s13580-015-0042-0	22	Abiotic stress	Controlled
EFFECT OF ROOTSTOCKS ON FRUIT QUALITY OF TOMATO GROWING IN SOLAR GREENHOUSE	2012	Wang S, Kong Y, Yang R, Cheng J, Li H	Acta Horticulturae		1	Biotic stress	Controlled
EFFECT OF SALINITY ON GROWTH, MINERAL COMPOSITION, AND WATER RELATIONS OF GRAFTED TOMATO PLANTS	2004	FernándezGarcía N, Martínez V, Carvajal M	Journal of Plant Nutrition and Soil Science	10.1002/jpln.200420416	82	Abiotic stress	Controlled
EFFECT OF SEEDLING SHOOT REMOVAL ON THE YIELD OF GRAFTED TOMATOES IN HIGH TUNNELS IN THE CENTRAL UNITED STATES	2015	Masterson Sa, Rivard Cl, Janke Rr, Kennelly Mm	Acta Horticulturae	10.17660/ActaHortic.2015.1107.23	1	Productivity and fruit quality	Controlled
EFFECT OF SHADING AND GRAFTING ON YIELD AND QUALITY OF TOMATO	2020	Milenković L, Mastilović J, Kevrešan Ž, Bajić A, Gledić A, Stanojević L, Cvetković D, Šunić L, Ilić Zs	Journal of The Science of Food and Agriculture	10.1002/jsfa.10057	3	Productivity and fruit quality	Both
EFFECT OF SUPPLEMENTARY LIGHT SOURCE ON QUALITY OF GRAFTED TOMATO SEEDLINGS AND EXPRESSION OF TWO PHOTOSYNTHETIC GENES	2018	Wei H, Hu J, Liu C, Wang M, Zhao J, Kang Di, Jeong Br	Agronomy	10.3390/agronomy8100207	11	Characterization studies	Controlled
EFFECT OF TEMPERATURE ON THE ACTIVITY AND PERSISTENCE OF AMITROLE AND 2,4-D	1965	Muzik, Tj	Weed Research	10.1111/j.1365-3180.1965.tb00345.x	0	Abiotic stress	Controlled
EFFECT OF THE KIND OF GROWING MEDIUM AND TRANSPLANT GRAFTING ON THE CHERRY TOMATO YIELDING	2011	Kowalczyk K, GajcWolska J	Acta Scientiarum Polonorum, Hortorum Cultus		9	Productivity and fruit quality	Controlled

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EFFECT OF TOMATO ROOTSTOCK ON HYBRID AND HEIRLOOM TOMATO PERFORMANCE IN A MIDWEST HIGH TUNNEL PRODUCTION SYSTEM	2019	Lang Km, Nair A	Hortscience	10.21273/HORTSCI13874-19	4	Productivity and fruit quality	Controlled
EFFECT OF VARIETY AND GRAFTING ON LYCOPENE CONTENT OF TOMATO (LYCOPERSICON LYCOPERSICUM L. KARSTEN) FRUIT	2009	Helyes L, Lugasi A, Pogonyi A, Pek Z	Acta Alimentaria	10.1556/AAlim.2008.0013	32	Productivity and fruit quality	Controlled
EFFECTIVENESS OF FUMIGANTS AND GRAFTING AGAINST TOMATO BROWN ROOT ROT CAUSED BY COLLETOTRICHUM COCCODES	2008	Garibaldi A, Baudino M, Minuto A, Gullino MI	Phytoparasitica	10.1007/BF03020294	24	Biotic stress	Controlled
EFFECTIVENESS OF GRAFTING FOR THE IMPROVEMENT OF SALINITY AND DROUGHT TOLERANCE IN TOMATO (SOLARIUM LYCOPERSICON L.)	2014	WahbAllah Ma	Asian Journal of Crop Science	10.3923/ajcs.2014.112.122	12	Abiotic stress	Controlled
EFFECTIVENESS OF SEVEN COMMERCIAL ROOTSTOCKS AGAINST VERTICILLIUM WILT AND THEIR EFFECTS ON GROWTH, YIELD, AND FRUIT QUALITY OF TOMATO	2017	Papadaki Am, Bletsos Fa, Eleftherohorinos Ig, Menexes G, Lagopodi Al	Crop Protection	10.1016/j.cropro.2017.08.006	4	Biotic stress	Controlled
EFFECTS OF AIR TEMPERATURE, SOIL TEMPERATURE AND SOIL MOISTURE ON GROWTH AND DEVELOPMENT OF TOMATO ITSELF AND GRAFTED ON ITS OWN AND EGG-PLANT ROOTSTOCK	1975	Abdelhafeez At, Harssema H, Verkerk K	Scientia Horticulturae	10.1016/0304-4238(75)90035-7	15	Abiotic stress	Controlled
EFFECTS OF CA(NO <sub>3</sub> ) <sub>2</sub> STRESS ON OXIDATIVE DAMAGE, ANTIOXIDANT ENZYMES ACTIVITIES AND POLYAMINE CONTENTS IN ROOTS OF GRAFTED AND NON-GRAFTED TOMATO PLANTS	2008	Zhang GW, Liu ZL, Zhou JG, Zhu YL	Plant Growth Regulation	10.1007/s10725-008-9281-8	43	Abiotic stress	Controlled
EFFECTS OF DIFFERENT JASMONIC ACID MUTANT ROOTSTOCKS ON ROOT-KNOT NEMATODE AND SOIL MICROBIOLOGY IN GRAFTED TOMATO	2014	Hao J, Yang R, Zhao J, Jiang R, Huang Y, Qi X, Fan J, Hu C, Li Z, Du X, Wang S	Journal of Pure and Applied Microbiology		0	Biotic stress	NI
EFFECTS OF GRAFTED SEEDLING USE ON YIELD, GROWTH AND QUALITY PARAMETERS OF TOMATO GROWING IN GREENHOUSE	2011	Yarsi G	Acta Horticulturae	10.17660/ActaHortic.2011.923.46	2	Productivity and fruit quality	Controlled
EFFECTS OF GRAFTING AND GREEN MANURE TREATMENTS ON POSTHARVEST QUALITY OF TOMATOES	2019	Ozturk B, Ozer H	Journal of Soil Science and Plant Nutrition	10.1007/s42729-019-00077-0	4	Productivity and fruit quality	Field

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EFFECTS OF GRAFTING IN SALINE CONDITIONS	2007	Öztekin G, Tüzel Y, Gül A, Tüzel Ih	Acta Horticulturae	10.17660/ActaHortic.2007.761.48	15	Abiotic stress	Controlled
EFFECTS OF GRAFTING ON ALKALI STRESS IN TOMATO PLANTS: DATURA ROOTSTOCK IMPROVE ALKALINITY TOLERANCE OF TOMATO PLANTS	2015	Mohsenian Y, Roosta Hr	Journal of Plant Nutrition	10.1080/01904167.2014.920370	16	Abiotic stress	Controlled
EFFECTS OF GRAFTING ON DIFFERENT ROOTSTOCKS ON TOMATO FRUIT YIELD AND QUALITY	2011	Turhan A, Ozmen N, Serbeci Ms, Seniz V	Horticultural Science	10.17221/51/2011-hortsci	82	Productivity and fruit quality	Controlled
EFFECTS OF GRAFTING ON ROOT-TO-SHOOT CADMIUM TRANSLOCATION IN PLANTS OF EGGPLANT (SOLANUM MELONGENA) AND TOMATO (SOLANUM LYCOPERSICUM)	2019	Yuan H, Sun L, Tai P, Liu W, Li X, Hao L	Science of The Total Environment	10.1016/j.scitotenv.2018.10.129	11	Abiotic stress	Field
EFFECTS OF GRAFTING ON TOMATO AND EGGPLANT	2001	Romano D, Paratore A	Acta Horticulturae	10.17660/actahortic.2001.559.21	45	Productivity and fruit quality	Controlled
EFFECTS OF HIGH GRAFTING ON TOMATO PLANTS INFECTED BY MELOIDOGYNE INCOGNITA AND RALSTONIA SOLANACEARUM	2018	Uehara T, Nakaho K	Journal of Phytopathology	10.1111/jph.12660	3	Biotic stress	Controlled
EFFECTS OF ROOT SYSTEMS OF TOMATO GENOTYPES ON GROWTH AND EARLINESS, STUDIED IN GRAFTING EXPERIMENTS AT LOW TEMPERATURE	1987	Zijlstra S, Den Nijs Apm	Euphytica	10.1007/BF00041520	13	Abiotic stress	Controlled
EFFECTS OF ROOTSTOCK ON YIELD AND FRUIT QUALITY OF INDETERMINATE TOMATO (LYCOPERSICON LYCOPERSICUM (L.) KARSTEN)	2007	Pek Z, Pogonyi Á, Helyes L	Cereal Research Communications	10.1556/CRC.35.2007.2.186	6	Productivity and fruit quality	Controlled
EFFECTS OF ROOTSTOCK/SCION COMBINATION AND TWO IRRIGATION WATER QUALITIES ON CHERRY TOMATO YIELD AND POSTHARVEST FRUIT QUALITY	2019	Glion Ha, AlkalaiTuvia S, ZaaroorPresman M, Chalupowicz D, Zanbar M, Amichai M, Cohen S, Shemer T, Sarig S, Fallik E	Horticulturae	10.3390/horticulturae5020035	2	Productivity and fruit quality	Controlled
EFFECTS OF SALINITY ON COLOR CHANGES, SUGAR AND ACID CONCENTRATION IN TOMATO FRUIT	2016	Pašalić B, Todorović V, Kolečka I, Bosančić B, Đekić N	Agriculturae Conspectus Scientificus		4	Productivity and fruit quality	Controlled
EFFECTS OF SCARLET EGGPLANT ROOTSTOCK ON GROWTH, YIELD, AND SUGAR CONTENT OF GRAFTED TOMATO FRUITS	1996	Oda M, Nagata M, Tsuji K, Sasaki H	Journal of The Japanese Society For Horticultural Science	10.2503/jjshs.65.531	26	Productivity and fruit quality	Field
EFFECTS OF THE RECIPROCAL GRAFTING ON THE PHOTOSYNTHESIS	2019	Shan S, Luo H, Zhu J, Li Z, Li H	E3s Web of Conferences	10.1051/e3sconf/201913607008	1	Characterization studies	Controlled

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OF TWO GENOTYPES TOMATO OFFSPRING UNDER SELENIUM STRESS								
EFFECTS OF THREE COMMERCIAL ROOTSTOCKS ON MINERAL NUTRITION, FRUIT YIELD, AND QUALITY OF SALINIZED TOMATO	2011	Savvas D, Savva A, Ntatsi G, Ropokis A, Karapanos I, Krumbain A, Olympios C	Journal of Plant Nutrition and Soil Science	10.1002/jpln.201000099	69	Abiotic stress	Controlled	
EFFECTS OF TOMATO AND POTATO HETEROGRAFTING ON PHOTOSYNTHESIS, QUALITY AND YIELD OF GRAFTED PARENTS	2019	Zhang G, Guo H	Horticulture Environment and Biotechnology	10.1007/s13580-018-0096-x	5	Productivity and fruit quality	Controlled	
ELECTRICAL RESISTANCE AS A MEASURE OF GRAFT UNION	1993	Yang S, Xiang G, Zhang S, Lou C	Journal of Plant Physiology	10.1016/S0176-1617(11)80858-8	12	Characterization studies	Controlled	
ENDOGENOUS AND SYNTHETIC MICRORNAS STIMULATE SIMULTANEOUS, EFFICIENT, AND LOCALIZED REGULATION OF MULTIPLE TARGETS IN DIVERSE SPECIES	2006	Alvarez Jp, Pekker I, Goldshmidt A, Blum E, Amsellem Z, Eshed Y	Plant Cell	10.1105/tpc.105.040725	300	Characterization studies	Controlled	
ESTIMATING NITROGEN NUTRITIONAL CROP REQUIREMENTS OF GRAFTED TOMATOES UNDER FIELD CONDITIONS	2015	Djidonou D, Lopiano K, Zhao X, Simonne Eh, Erickson Je, Koch Ke	Scientia Horticulturae	10.1016/j.scienta.2014.10.034	9	Abiotic stress	Field	
EVALUATION OF COMPATIBILITY, GROWTH CHARACTERISTICS, AND YIELD OF TOMATO GRAFTED ON POTATO ('POMATO')	2019	Arefin Sma, Zeba N, Solaiman Ah, Naznin Mt, Azad Mok, Tabassum M, Park Ch	Horticulturae	10.3390/horticulturae5020037	2	Productivity and fruit quality	Field	
EVALUATION OF GRAFTING EFFECT ON TOMATO CROP YIELD AND FUSARIUM CROWN AND ROOT ROT DISEASE	2009	Hamdi Mm, Boughalleb N, Tarchoun N, Belbahri L	Journal of Applied Horticulture		2	Biotic stress	Controlled	
EVALUATION OF GRAFTING FOR PROCESSING TOMATO PRODUCTION IN CALIFORNIA'S CENTRAL VALLEY	2019	Miyao G, Aegerter B, Chase J	Acta Horticulturae	10.17660/ActaHortic.2019.1233.13	3	Productivity and fruit quality	Field	
EVALUATION OF GRAFTING USING HYBRID ROOTSTOCKS FOR MANAGEMENT OF BACTERIAL WILT IN FIELD TOMATO PRODUCTION	2012	Mcavoy T, Freeman Jh, Rideout Sl, Olson Sm, Paret MI	Hortscience	10.21273/hortsci.47.5.621	45	Biotic stress	Both	
EVALUATION OF INTEGRATED MANAGEMENT OF BACTERIAL WILT OF TOMATO USING GRAFTING, BIOFUMIGANT AND PLANT RESISTANCE ACTIVATOR UNDER FIELD CONDITIONS	2020	Ganiyu Sa, Popoola Ar, Enikuomehin Oa, Bodunde Jg	Australasian Plant Pathology	10.1007/s13313-020-00702-y	0	Biotic stress	Field	
EVALUATION OF LOCAL SOLANUM TORVUM AS A ROOTSTOCK TO CONTROL RALSTONIA SOLANACEARUM IN INDONESIA	2015	Arwiyanto T, Lwin K, Maryudani Y, Purwantoro A	Acta Horticulturae	10.17660/ActaHortic.2015.1086.11	11	Biotic stress	Controlled	

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EVALUATION OF PRODUCTION CONDITIONS OF TOMATO GRAFTED WITH DIFFERENT TOBACCO ROOTSTOCKS AND DETERMINING NICOTINE CONTENT AND QUALITY OF FRUIT	2020	Tunçay Çağatay S, Çalik Koç G, Rezaei F, Darcansoy Iseri Ö, Sahin Fi, Haberal M	Acta Agriculturae Slovenica	10.14720/aas.2020.115.2.1244	0	Productivity and fruit quality	Field
EVALUATION OF TOMATO ROOTSTOCKS AND ITS USE TO CONTROL BACTERIAL WILT DISEASE	2012	Cardoso Sc, Soares Acf, Dos Santos Brito A, Dos Santos Ap, Laranjeira Ff, De Carvalho La	Semina:Ciencias Agrarias	10.5433/1679-0359.2012v33n2p595	5	Biotic stress	Field
EXPRESSION OF ARTIFICIAL MICRORNAS IN TOMATO CONFERS EFFICIENT AND STABLE VIRUS RESISTANCE IN A CELL-AUTONOMOUS MANNER	2011	Zhang X, Li H, Zhang J, Zhang C, Gong P, Ziaf K, Xiao F, Ye Z	Transgenic Research	10.1007/s11248-010-9440-3	76	Biotic stress	Controlled
EXPRESSION OF TWO GIBBERELLIN-REGULATED CDNAS DURING EARLY FLOWER DEVELOPMENT IN TOMATO (SOLANUM LYCOPERSICON). EFFECT OF GRAFTING AND PACLOBUTRAZOL	2000	Van Den Heuvel Kjpt, Heijnen Phf, Barendse Gwm, Wullems Gj	Physiologia Plantarum	10.1034/j.1399-3054.2000.108001095.x	2	Characterization studies	Controlled
FOLIAR APPLICATIONS OF ACIBENZOLAR-S-METHYL NEGATIVELY AFFECT THE YIELD OF GRAFTED TOMATOES IN FIELDS INFESTED WITH RALSTONIA SOLANACEARUM	2017	Kunwar S, Paret MI, Freeman Jh, Ritchie L, Olson Sm, Colee J, Jones Jb	Plant Disease	10.1094/PDIS-03-16-0331-RE	11	Biotic stress	Field
FRUIT COMPOSITION AND SENSORY ATTRIBUTES OF ORGANIC HEIRLOOM TOMATOES AS AFFECTED BY GRAFTING	2012	Barrett Ce, Zhao X, Sims Ca, Brecht Jk, Dreyer Eq, Gao Z	Horttechnology	10.21273/horttech.22.6.804	17	Productivity and fruit quality	Field
FRUIT QUALITY OF GRAFTED TOMATO PLANTS GROWN UNDER SALINE CONDITIONS	2004	FernándezGarcía N, Martínez V, Cerdá A, Carvajal M	Journal of Horticultural Science and Biotechnology	10.1080/14620316.2004.11511880	94	Abiotic stress	Controlled
FUNCTIONAL VASCULAR CONNECTIONS AND LIGHT QUALITY EFFECTS ON TOMATO GRAFTED UNIONS	2016	Lee Km, Lim Cs, Muneer S, Jeong Br	Scientia Horticulturae	10.1016/j.scienta.2016.02.013	12	Characterization studies	Controlled
FUNGICIDES WITH PHYSIOLOGICAL EFFECTS ON THE FORMATION OF GRAFTED TOMATO SEEDLINGS	2018	Amaro Ace, Baron D, Ramos Arp, Rodrigues Jd, Ono Eo	Australian Journal of Crop Science	10.21475/ajcs.18.12.07.PNE1024	0	Characterization studies	Controlled
GENE CO-EXPRESSION NETWORK ANALYSIS REVEALS PATHWAYS ASSOCIATED WITH GRAFT HEALING BY ASYMMETRIC PROFILING IN TOMATO	2019	Xie L, Dong C, Shang Q	Bmc Plant Biology	10.1186/s12870-019-1976-7	9	Characterization studies	Controlled

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GENETIC ANALYSIS OF PHYSIOLOGICAL COMPONENTS OF SALT TOLERANCE CONFERRED BY SOLANUM ROOTSTOCKS. WHAT IS THE ROOTSTOCK DOING FOR THE SCION?	2010	Asins Mj, Bolarín Mc, PérezAlfocea F, Estañ Mt, Martínezandújar C, Albacete A, Villalta I, Bernet Gp, Dodd Ic, Carbonell Ea	Theoretical and Applied Genetics	10.1007/s00122-010-1294-9	35	Abiotic stress	Controlled
GENETIC ANALYSIS OF ROOTSTOCK-MEDIATED NITROGEN (N) UPTAKE AND ROOT-TO-SHOOT SIGNALLING AT CONTRASTING N AVAILABILITIES IN TOMATO	2017	Asins Mj, Albacete A, Martínezandújar C, PérezAlfocea F, Dodd Ic, Carbonell Ea, Dieleman Ja	Plant Science	10.1016/j.plantsci.2017.06.012	13	Characterization studies	Controlled
GENETIC CHARACTERIZATION, AGROMORPHOLOGICAL AND PHYSIOLOGICAL EVALUATION OF GRAFTED TOMATO UNDER SALINITY STRESS CONDITIONS	2020	Abdeldym Ea, ElMogy Mm, Abdellateaf Hrl, Atia Mam	Agronomy	10.3390/agronomy10121948	5	Abiotic stress	Controlled
GENETIC DISSECTION OF TOMATO ROOTSTOCK EFFECTS ON SCION TRAITS UNDER MODERATE SALINITY	2015	Asins Mj, Raga V, Roca D, Belver A, Carbonell Ea	Theoretical and Applied Genetics	10.1007/s00122-015-2462-8	26	Abiotic stress	Controlled
GENOTYPIC VARIATION FOR ROOT ACTIVITY IN TOMATO (LYCOPERSICON ESCULENTUM MILL.) AT DIFFERENT ROOT TEMPERATURES	1999	Nieuwhof M, Keizer Lcp, Zijlstra S, Lindhout P	Journal of Genetics and Breeding		5	Abiotic stress	Controlled
GRADING SYSTEM OF TOMATO GRAFTING MACHINE BASED ON MACHINE VISION	2016	Zhao X, Wang Z, Liu S, Wang R, Tian S	Proceedings - 2015 8th International Congress On Image and Signal Processing, Cisp 2015	10.1109/CISP.2015.7407950	4	Economy and technology	Controlled
GRAFT ANGLE AND ITS RELATIONSHIP TO TOMATO PLANT SURVIVAL	2013	Bausher Mg	Hortscience	10.21273/hortsci.48.1.34	10	Characterization studies	Controlled
GRAFT CHIMERAS AND SOMATIC HYBRIDS FOR NEW CULTIVARS	1995	Lindsay Gc, Hopping Me, Binding H, Burge Gk	New Zealand Journal of Botany	10.1080/0028825X.1995.10412945	12	Characterization studies	Controlled
GRAFT FORMATION IN CULTURED, EXPLANTED INTERNODES	1982	Parkinson M, Yeoman Mm	New Phytologist	10.1111/j.1469-8137.1982.tb03350.x	35	Characterization studies	Controlled
GRAFT TAKES OF TOMATO ON OTHER SOLANACEOUS PLANTS	2017	Zeist Ar, De Resende Jtv, Giacobbo Cl, Rios Faria Cmd, Dias Dm	Revista Caatinga	10.1590/1983-21252017v30n227rc	12	Characterization studies	Controlled
GRAFT UNION FORMATION IN TOMATO PLANTS: PEROXIDASE AND CATALASE INVOLVEMENT	2004	FernándezGarcía N, Carvajal M, Olmos E	Annals of Botany	10.1093/aob/mch014	102	Characterization studies	Controlled
GRAFTED ORGANIC SEEDLING PRODUCTION OF TOMATO AND WATERMELON	2017	Oztekin Gb, Tüzel Y	Acta Horticulturae	10.17660/ActaHortic.2017.1164.9	1	Productivity and fruit quality	Controlled
GRAFTED TOMATO PROPAGATION AND PRODUCTION: RELATIVE SEEDLING VIGOR, GRAFT COMPATIBILITY, AND ON-FARM YIELD OF 23 CULTIVARS©	2016	Hu B, Moyseenko J, Short S, Walker S, Kleinhenz M	Acta Horticulturae	10.17660/ActaHortic.2016.1140.70	0	Characterization studies	Controlled

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GRAFTING AFFECTS GROWTH, YIELD, NUTRIENT UPTAKE, AND PARTITIONING UNDER CADMIUM STRESS IN TOMATO	2015	Kumar P, Edelstein M, Cardarelli M, Ferri E, Colla G	Hortscience	10.21273/hortsci.50.11.1654	37	Abiotic stress	Controlled
GRAFTING AFFECTS TOMATO GROWTH, PRODUCTIVITY, AND WATER USE EFFICIENCY UNDER DIFFERENT WATER REGIMES	2018	AlHarbi Ar, AlOmran Am, Alqardaeai Ta, AbdelRassak Hs, Alharbi Kr, Obadi A, Saad Ma	Journal of Agricultural Science and Technology		13	Abiotic stress	Controlled
GRAFTING ALLEVIATES CADMIUM TOXICITY AND REDUCES ITS ABSORPTION BY TOMATO	2020	Xie Y, Tan H, Sun G, Li H, Liang D, Xia H, Wang X, Liao M, Deng H, Wang J, Tang Y	Journal of Soil Science and Plant Nutrition	10.1007/s42729-020-00289-9	2	Abiotic stress	Controlled
GRAFTING ALTERS TOMATO TRANSCRIPTOME AND ENHANCES TOLERANCE TO AN AIRBORNE VIRUS INFECTION	2020	Spanò R, Ferrara M, Montemurro C, Mulè G, Gallitelli D, Mascia T	Scientific Reports	10.1038/s41598-020-59421-5	7	Biotic stress	Controlled
GRAFTING AND PALADIN PIC-21 FOR NEMATODE AND WEED MANAGEMENT IN VEGETABLE PRODUCTION	2016	KokalisBurelle N, Butler Dm, Hong Jc, Bausher Mg, Mccollum G, Rosskopf En	Journal of Nematology	10.21307/jofnem-2017-031	10	Biotic stress	Field
GRAFTING AND SHADING—THE INFLUENCE ON POSTHARVEST TOMATO QUALITY	2020	Ilić Zs, Koukounaras A, Milenković L, Kevrešan Ž, Bajić A, Šunić L, Kováč R, Fallik E, Mastilović J	Agriculture (Switzerland)	10.3390/agriculture10050181	0	Productivity and fruit quality	Controlled
GRAFTING BETWEEN TWO CULTIVARS OF CHERRY TOMATO DIFFERING IN THEIR TOLERANCE TO DROUGHT: EFFECT IN NITROGEN-USE EFFICIENCY	2011	SánchezRodríguez E, RubioWilhelmi Mm, Blasco B, Leyva R, Romero L, Ruiz Jm	Acta Horticulturae	10.17660/actahortic.2011.923.39	0	Abiotic stress	Controlled
GRAFTING EFFECTS ON TOMATO GROWTH RATE, YIELD AND FRUIT QUALITY UNDER SALINE IRRIGATION WATER	2008	Balliu A, Vuksani G, Nasto T, Haxhinasto L, Kaçiu S	Acta Horticulturae	10.17660/ActaHortic.2008.801.141	9	Abiotic stress	Field
GRAFTING FOR ROOT-KNOT NEMATODE CONTROL AND YIELD IMPROVEMENT IN ORGANIC HEIRLOOM TOMATO PRODUCTION	2012	Barrett Ce, Zhao X, Mcsorley R	Hortscience	10.21273/hortsci.47.5.614	26	Biotic stress	Field
GRAFTING IMPROVES TOMATO DROUGHT TOLERANCE THROUGH ENHANCING PHOTOSYNTHETIC CAPACITY AND REDUCING ROS ACCUMULATION	2019	Zhang Z, Cao B, Gao S, Xu K	Protoplasma	10.1007/s00709-019-01357-3	20	Abiotic stress	Controlled
GRAFTING IMPROVES TOMATO SALINITY TOLERANCE THROUGH SODIUM PARTITIONING WITHIN THE SHOOT	2013	Di Gioia F, Signore A, Serio F, Santamaria P	Hortscience	10.21273/hortsci.48.7.855	33	Abiotic stress	Controlled

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GRAFTING INCREASES THE SALT TOLERANCE OF TOMATO BY IMPROVEMENT OF PHOTOSYNTHESIS AND ENHANCEMENT OF ANTIOXIDANT ENZYMES ACTIVITY	2009	He Y, Zhu Z, Yang J, Ni X, Zhu B	Environmental and Experimental Botany	10.1016/j.envexpbot.2009.02.007	157	Abiotic stress	Controlled
GRAFTING INFLUENCE ON THE WEIGHT AND QUALITY OF TOMATO FRUIT UNDER SALT STRESS	2018	Koleška I, Hasanagić D, Todorović V, Murtić S, Maksimović I	Annals of Applied Biology	10.1111/aab.12411	7	Abiotic stress	Controlled
GRAFTING LOCAL COMMERCIAL TOMATO CULTIVARS WITH H-7996 AND EG-203 TO SUPPRESS BACTERIAL WILT (RALSTONIA SOLANACEARUM) IN INDONESIA	2015	Arwiyanto T, Nurcahyanti Sd, Indradewa D, Widada J	Acta Horticulturae	10.17660/ActaHortic.2015.1069.24	7	Biotic stress	Field
GRAFTING ON A NON-TRANSGENIC TOLERANT TOMATO VARIETY CONFERS RESISTANCE TO THE INFECTION OF A SW5-BREAKING STRAIN OF TOMATO SPOTTED WILT VIRUS VIA RNA SILENCING	2015	Spanò R, Mascia T, Kormelink R, Gallitelli D	Plos One	10.1371/journal.pone.0141319	14	Biotic stress	Controlled
GRAFTING ONTO AFRICAN EGGPLANT ENHANCES GROWTH, YIELD AND FRUIT QUALITY OF TOMATOES IN TROPICAL FOREST ECOZONES	2013	Nkansah Go, Ahwireng Ak, Amoatey C, Ayarna Aw	Journal of Applied Horticulture		4	Productivity and fruit quality	Field
GRAFTING ONTO DIFFERENT ROOTSTOCKS INFLUENCES YIELD, QUALITY, CHEMICAL COMPOSITION, AND BIOACTIVITIES OF TOMATO FRUITS UNDER GREENHOUSE CONDITIONS	2020	AbdElwanis Mm, Aboul Naser Af, Hassan Az, AbdAlla Hi	Journal of Global Pharma Technology		0	Productivity and fruit quality	Controlled
GRAFTING RAISES THE SALT TOLERANCE OF TOMATO THROUGH LIMITING THE TRANSPORT OF SODIUM AND CHLORIDE TO THE SHOOT	2005	Estañ Mt, MartinezRodriguez Mm, PerezAlfocea F, Flowers Tj, Bolarin Mc	Journal of Experimental Botany	10.1093/jxb/eri027	241	Abiotic stress	Controlled
GRAFTING RESPONSE TO EXCESS BORON AND EXPRESSION ANALYSIS OF GENES CODING BORON TRANSPORTERS IN TOMATO	2017	Di Gioia F, Aprile A, Sabella E, Santamaria P, Pardossi A, Miceli A, De Bellis L, Nutricati E	Plant Biology	10.1111/plb.12589	4	Abiotic stress	Controlled
GRAFTING THE INDETERMINATE TOMATO CULTIVAR MONEYMAKER ONTO MULTIFORT ROOTSTOCK IMPROVES COLD TOLERANCE	2018	Suchoff Dh, PerkinsVeazie P, Sederoff Hw, Schultheis Jr, Kleinhenz Md, Louws Fj, Gunter Cc	Hortscience	10.21273/HORTSCI13311-18	4	Abiotic stress	Controlled
GRAFTING TO MANAGE SOILBORNE DISEASES IN HEIRLOOM TOMATO PRODUCTION	2008	Rivard Cl, Louws Fj	Hortscience	10.21273/hortsci.43.7.2104	104	Biotic stress	Field

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GRAFTING TOMATO (SOLANUM LYCOPERSICUM) ONTO THE ROOTSTOCK OF A HIGH-ALTITUDE ACCESSION OF SOLANUM HABROCHAITES IMPROVES SUBOPTIMAL-TEMPERATURE TOLERANCE	2008	Venema Jh, Dijk Be, Bax Jm, Van Hasselt Pr, Elzenga Jtm	Environmental and Experimental Botany	10.1016/j.envexpbot.2007.12.015	121	Abiotic stress	Controlled
GRAFTING TOMATO CULTIVARS RESISTANT OR SUSCEPTIBLE TO BACTERIAL WILT: ANALYSIS OF RESISTANCE MECHANISMS	1994	Grimault V, Prior P	Journal of Phytopathology	10.1111/j.1439-0434.1994.tb01477.x	19	Biotic stress	Controlled
GRAFTING TOMATO ONTO TOBACCO ROOTSTOCKS IS A PRACTICAL AND FEASIBLE APPLICATION FOR HIGHER GROWTH AND LEAFING IN DIFFERENT TOBACCO-TOMATO UNIONS	2016	Haberal M, Körpe Da, İşeri Öd, Sahin Fi	Biological Agriculture and Horticulture	10.1080/01448765.2016.1169218	6	Characterization studies	Controlled
GRAFTING TOMATO PLANT ON TOBACCO PLANT AND ITS EFFECT ON TOMATO PLANT YIELD AND NICOTINE CONTENT	2009	Yasinok Ae, Sahin Fi, Eyidogan F, Kuru M, Haberal M	Journal of The Science of Food and Agriculture	10.1002/jsfa.3555	19	Productivity and fruit quality	Controlled
GRAFTING TOMATO TO MANAGE BACTERIAL WILT CAUSED BY RALSTONIA SOLANACEARUM IN THE SOUTHEASTERN UNITED STATES	2012	Rivard Cl, O'connell S, Peet Mm, Welker Rm, Louws Fj	Plant Disease	10.1094/PDIS-12-10-0877	49	Biotic stress	Field
GRAFTING TOMATO WITH INTERSPECIFIC ROOTSTOCK TO MANAGE DISEASES CAUSED BY SCLEROTIUM ROLFSSII AND SOUTHERN ROOT-KNOT NEMATODE	2010	Rivard Cl, O'connell S, Peet Mm, Louws Fj	Plant Disease	10.1094/PDIS-94-8-1015	63	Biotic stress	Field
GRAFTING UNDER WATER STRESS IN TOMATO CHERRY: IMPROVING THE FRUIT YIELD AND QUALITY	2012	SánchezRodríguez E, Leyva R, ConstánAguilar C, Romero L, Ruiz Jm	Annals of Applied Biology	10.1111/j.1744-7348.2012.00574.x	36	Abiotic stress	Controlled
GRAFTING USING ROOTSTOCKS WITH RESISTANCE TO RALSTONIA SOLANACEARUM AGAINST MELOIDOGYNE INCOGNITA IN TOMATO PRODUCTION	2014	Kunwar S, Paret MI, Olson Sm, Ritchie L, Rich Jr, Freeman J, Mcavoy T	Plant Disease	10.1094/PDIS-09-13-0936-RE	23	Biotic stress	Field
GRAFTING WILD TOMATO GENOTYPES AND MEXICAN LANDRACES INCREASES TRICHOME DENSITY AND RESISTANCE AGAINST PESTS	2020	Nord R, CortezMadrigal H, RodríguezGuzmán E, VillarLuna E, GutiérrezCárdenas Og	Southwestern Entomologist	10.3958/059.045.0308	0	Biotic stress	Field
GRAFTING—A SIMPLE TECHNIQUE FOR OVERCOMING BACTERIAL WILT IN TOMATO	1982	Peregrine Wth, Ahmad Kb	Tropical Pest Management	10.1080/09670878209370676	18	Biotic stress	Field

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GRAFTING, A USEFUL TECHNIQUE FOR IMPROVING SALINITY TOLERANCE OF TOMATO?	2003	FernándezGarcía N, Cerdá A, Carvajal M	Acta Horticulturae	10.17660/ActaHortic.2003.609.37	72	Abiotic stress	Controlled
GRAFTING: A POSSIBILITY TO ENHANCE HEALTH-PROMOTING AND FLAVOUR COMPOUNDS IN TOMATO FRUITS OF SHADED PLANTS?	2013	Krumbein A, Schwarz D	Scientia Horticulturae	10.1016/j.scienta.2012.09.003	30	Productivity and fruit quality	Controlled
GREEN MANURES AND ORGANIC AMENDMENTS TO CONTROL CORKY ROOT OF TOMATO	2010	Michel Vv, Lazzeri L	Acta Horticulturae	10.17660/ActaHortic.2010.883.35	4	Biotic stress	Controlled
GROWTH AND FRUIT PRODUCTION OF TOMATO GRAFTED ONTO WOLFBERRY (LYCIUM CHINENSE) ROOTSTOCK IN SALINE SOIL	2019	Xiaohui F, Kai G, Ce Y, Jinsong L, Huanyu C, Xiaojing L	Scientia Horticulturae	10.1016/j.scienta.2019.05.028	7	Abiotic stress	Controlled
GROWTH AND MINERAL DISTRIBUTION IN GRAFTED TOMATO/POTATO PLANTS ACCORDING TO SINK NUMBER	1973	Bünemann G, Grassia A	Scientia Horticulturae	10.1016/0304-4238(73)90003-4	3	Abiotic stress	Controlled
GROWTH AND WATER RELATIONS OF WILTY MUTANTS OF TOMATO (LYCOPERSICON ESCULENTUM MILL.)	1987	Jones Hg, Sharp Cs, Higgs Kh	Journal of Experimental Botany	10.1093/jxb/38.11.1848	34	Characterization studies	Controlled
GROWTH, YIELD, AND METABOLIC RESPONSES OF TEMPERATURE-STRESSED TOMATO TO GRAFTING ONTO ROOTSTOCKS DIFFERING IN COLD TOLERANCE	2014	Ntatsi G, Savvas D, Ntatsi G, Kläring HP, Schwarz D	Journal of The American Society For Horticultural Science	10.21273/jashs.139.2.230	37	Abiotic stress	Controlled
GROWTH, YIELD, QUALITY AND WATER USE EFFICIENCY OF GRAFTED TOMATO PLANTS GROWN IN GREENHOUSE UNDER DIFFERENT IRRIGATION LEVELS	2014	Ibrahim A, WahbAllah M, AbdelRazzak H, Alsadon A	Life Science Journal		15	Abiotic stress	Controlled
HIGH SALT INDUCED OXIDATIVE DAMAGE AND ANTIOXIDANT RESPONSE IN TOMATO GRAFTED ON TOBACCO	2015	İşeri Öd, Körpe Da, Sahin Fi, Haberal M	Chilean Journal of Agricultural Research	10.4067/S0718-58392015000200008	4	Abiotic stress	Controlled
HIGH TUNNEL AND GRAFTING EFFECTS ON ORGANIC TOMATO PLANT DISEASE SEVERITY AND ROOT-KNOT NEMATODE INFESTATION IN A SUBTROPICAL CLIMATE WITH SANDY SOILS	2020	Frey Cj, Zhao X, Brecht Jk, Huff Dm, Black Ze	Hortscience	10.21273/HORTSCI14166-19	5	Biotic stress	Controlled
HIGH TUNNEL AND GRAFTING EFFECTS ON ORGANIC TOMATO PLANT GROWTH AND YIELD IN THE SUBTROPICS	2020	Frey Cj, Zhao X, Brecht Jk, Huff Dm, Black Ze	Horttechnology	10.21273/HORTTECH04610-20	0	Productivity and fruit quality	Both

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HISTOLOGICAL CHANGES ASSOCIATED WITH THE GRAFT UNION DEVELOPMENT IN TOMATO	2020	Frey C, Acebes JI, Encina A, Álvarez R	Plants	10.3390/plants9111479	2	Characterization studies	Controlled
HORMONAL AND NUTRITIONAL FEATURES IN CONTRASTING ROOTSTOCK-MEDIATED TOMATO GROWTH UNDER LOW-PHOSPHORUS NUTRITION	2017	Martínezandújar C, RuizLozano Jm, Dodd Ic, Albacete A, PérezAlfocea F	Frontiers In Plant Science	10.3389/fpls.2017.00533	17	Abiotic stress	Controlled
HORTICULTURAL AND YIELD RELATED TRAITS AS INFLUENCED BY GRAFTING TOMATO CULTIVARS ON POTATO ROOTSTOCKS FOR HIGHER RETURNS	2017	Negi V, Kumar P, Sharma P, Raj D, Singh A, Vats B	Indian Journal of Ecology		0	Productivity and fruit quality	Controlled
HOW DOES GRAFTING AFFECT THE IONOME OF CHERRY TOMATO PLANTS UNDER WATER STRESS?	2014	SánchezRodríguez E, Leyva R, ConstanAguilar C, Romero L, Ruiz Jm	Soil Science and Plant Nutrition	10.1080/00380768.2013.870873	22	Abiotic stress	Controlled
HYPERSENSITIVITY OF MONOGENIC RESISTANT TOMATO SCIONS TO TOXINS PRODUCED IN BONNY BEST ROOTSTOCKS INVADED BY FUSARIUM OXYSPORUM F. LYCOPERSICI	1964	Keyworth Wg	Annals of Applied Biology	10.1111/j.1744-7348.1964.tb01174.x	1	Biotic stress	NI
IDENTIFICATION OF FRUIT YIELD LOCI CONTROLLING THE SALT TOLERANCE CONFERRED BY SOLANUM ROOTSTOCKS	2009	Estañ Mt, Villalta I, Bolarín Mc, Carbonell Ea, Asins Mj	Theoretical and Applied Genetics	10.1007/s00122-008-0900-6	44	Abiotic stress	Controlled
IMPACT OF GRAFTING AND DIFFERENT STRAINS OF PLANT GROWTH PROMOTING RHIZOBACTERIA ON TOMATO PLANTS GROWN HYDROPONICALLY UNDER COMBINED DROUGHT AND NUTRIENT STRESS	2020	Kalozoumis P, Ntatsi G, Marakis G, Simou E, Tampakaki A, Savvas D	Acta Horticulturae	10.17660/ActaHortic.2020.1273.21	0	Abiotic stress	Controlled
IMPACT OF GRAFTING AND ROOTSTOCK ON NUTRIENT-TO-WATER UPTAKE RATIOS DURING THE FIRST MONTH AFTER PLANTING OF HYDROPONICALLY GROWN TOMATO	2017	Savvas D, Öztekin Gb, Tepecik M, Ropokis A, Tüzel Y, Ntatsi G, Schwarz D	Journal of Horticultural Science and Biotechnology	10.1080/14620316.2016.1265903	19	Abiotic stress	Controlled
IMPACT OF GRAFTING ON SENSORY PROFILE OF TOMATO LANDRACES IN CONVENTIONAL AND ORGANIC MANAGEMENT SYSTEMS	2018	Casals J, Rull A, Bernal M, González R, Del Castillo Rr, Simó J	Horticulture Environment and Biotechnology	10.1007/s13580-018-0086-z	8	Productivity and fruit quality	Controlled
IMPACT OF SALT-TOLERANT ROOTSTOCK ON THE ENHANCEMENT OF SENSITIVE TOMATO PLANT RESPONSES TO SALINITY	2020	Coban A, Akhoundnejad Y, Dere S, Dasgan Hy	Hortscience	10.21273/HORTSCI14476-19	3	Abiotic stress	Controlled
IMPACT OF SOME ROOTSTOCKS ON TOMATO PRODUCTION	2017	Doltu M, Bogoescu M, Sora D, Şovărel G	International Multidisciplinary	10.5593/sgem2017H/63/S25.032	2	Productivity and fruit quality	Controlled

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IMPACT OF TEMPERATURE INTEGRATION UNDER GREENHOUSE ON ENERGY USE EFFICIENCY, PLANT GROWTH AND DEVELOPMENT AND TOMATO FRUIT QUALITY DEPENDING ON CULTIVAR ROOTSTOCK COMBINATION	2015	Truffault V, Fifel F, Longuenesse JJ, Vercambre G, Le Quillec S, Gautier H	Acta Horticulturae	10.17660/ActaHortic.2015.1099.7	7	Abiotic stress	Controlled
IMPACTS OF TEMPERATURE AND ROOTSTOCKS ON TOMATO GRAFTING SUCCESS RATES	2020	Nordey T, Shem E, Huat J	Hortscience	10.21273/HORTSCI14525-19	3	Abiotic stress	Controlled
IMPROVEMENT OF EARLY GROWTH OF TOMATO AND EGGPLANT GRAFTED CUTTINGS BY WARMING OF GRAFT UNION AT BEGINNING OF LOW TEMPERATURE STORAGE	2011	Shibuya T, ShimizuMaruo K, Kawara T, Tsuchiya K, Douzono M	Acta Horticulturae	10.17660/ActaHortic.2011.923.38	0	Abiotic stress	Controlled
IMPROVEMENT OF GRAFT DEVELOPMENT IN TOMATO AND EGGPLANT GRAFTED CUTTINGS BY SUPPLYING WARMED WATER TO GRAFT UNION DURING LOW-AIR-TEMPERATURE STORAGE	2007	Shibuya T, Nakashima H, ShimizuMaruo K, Kawara T	Journal of The Japanese Society For Horticultural Science	10.2503/jjshs.76.217	9	Abiotic stress	Controlled
IMPROVING AGRONOMIC WATER USE EFFICIENCY IN TOMATO BY ROOTSTOCK-MEDIATED HORMONAL REGULATION OF LEAF BIOMASS	2016	CanteroNavarro E, RomeroAranda R, FernándezMuñoz R, Martínezandújar C, PérezAlfocea F, Albacete A	Plant Science	10.1016/j.plantsci.2016.03.001	41	Abiotic stress	Controlled
IMPROVING OFF-SEASON PRODUCTION THROUGH GRAFTED TOMATO TECHNOLOGY IN EAST JAVA-INDONESIA	2017	Korlina E, Latifah E, andri Kb	Journal of Applied Horticulture		2	Productivity and fruit quality	Field
IMPROVING PRODUCTION AND QUALITY OF TOMATO YIELD UNDER SALINE CONDITIONS BY USING GRAFTING TECHNOLOGY	2015	Zaki Me, Salem Aa, Eid Sm, Glala Aa, Saleh Sa	International Journal of Chemtech Research		2	Abiotic stress	Controlled
IMPROVING THE AFFINITY OF TOMATO GRAFTED ON SOLANUM TORVUM USING AN INTERMEDIATE ROOTSTOCK	2011	Miguel A, Marsal Ji, Goto R, Bautista As, LópezGalarza S, Pascual B, Maroto Jv	Acta Horticulturae	10.17660/actahortic.2011.898.36	4	Characterization studies	Controlled
IN VITRO MICROGRAFTING PROTOCOL IN LYCOPERSICON ESCULENTUM	2010	Rego, Mm, Rego, Er, Coutinho, Ol,	Acta Horticulturae		0	Characterization studies	Controlled

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INCREASING DROUGHT TOLERANCE OF TOMATO PLANTS BY GRAFTING	2012	Altunlu H, Gul A	Acta Horticulturae	10.17660/ActaHortic.2012.960.26	15	Abiotic stress	Controlled
INCREASING OFF-SEASON TOMATO PRODUCTION USING GRAFTING TECHNOLOGY FOR PERI-URBAN AGRICULTURE IN SOUTHEAST ASIA	2007	Palada Mc, Wu DI	Acta Horticulturae	10.17660/actahortic.2007.742.17	10	Productivity and fruit quality	Field
INCREASING SEVERITY OF ATTACKS OF COLLETOTRICHUM COCCODES ON GRAFTED TOMATOES	2008	Minuto A, Gilardi G, Gullino MI, Garibaldi A	Acta Horticulturae	10.17660/ActaHortic.2008.789.12	10	Biotic stress	Controlled
INCREASING TOMATO (SOLANUM LYCOPERSICUM L.) TOLERANCE OF WATER STRESS CONDITIONS BY USING SOME AGRICULTURAL PRACTICES	2020	Badawy Ma, AbdelWahab A, Sayed Eg	Plant Archives		0	Abiotic stress	Field
INFLUENCE OF FERTILIZER CONCENTRATIONS ON THE PERFORMANCE OF SEEDLING GRAFTS OF TOMATO GROWN IN COIR BASED ROOT MEDIA	2011	Choi Jm, Kang Cs, Ahn Jw, Lee Cw	Horticulture Environment and Biotechnology	10.1007/s13580-011-0191-8	7	Abiotic stress	Controlled
INFLUENCE OF GRAFTING ON GROWTH AND YIELD PERFORMANCE OF TWO TOMATO CULTIVARS GROWN IN OPEN FIELD IN NIGERIA	2018	Ganiyu Sa, Popoola Ar, Enikuomehin Oa, Bodunde Jg	Journal of Plant Pathology	10.1007/s42161-018-0008-z	3	Biotic stress	Field
INFLUENCE OF GRAFTING ON GROWTH, DEVELOPMENT AND SOME PHYSIOLOGICAL PARAMETERS OF TOMATOES UNDER CONTROLLED HEAT STRESS CONDITIONS	2009	Abdelmageed Aha, Gruda N	European Journal of Horticultural Science		44	Abiotic stress	Controlled
INFLUENCE OF GRAFTING ON THE YIELD AND QUALITY OF TOMATO CULTIVARS GROWN IN GREENHOUSE IN CENTRAL SPAIN	2012	Echevarría Ph, Martínez Gr, Rodríguez Bg	Acta Horticulturae		6	Productivity and fruit quality	Controlled
INFLUENCE OF GROWTH CONDITIONS AND GRAFTING ON THE YIELD, CHEMICAL COMPOSITION AND SENSORY QUALITY OF TOMATO FRUIT IN GREENHOUSE CULTIVATION	2015	GajcWolska J, Kowalczyk K, Marcinkowska M, Radzanowska J, Bujalski D	Journal of Elementology	10.5601/jelem.2014.19.4.565	8	Productivity and fruit quality	Controlled
INFLUENCE OF HARVEST STAGE AND ROOTSTOCK GENOTYPE ON COMPOSITIONAL AND SENSORY PROFILE OF THE ELONGATED TOMATO CV. "SIR ELYAN"	2020	Mauro Rp, Rizzo V, Leonardi C, Mazzaglia A, Muratore G, Distefano M, Sabatino L, Giuffrida F	Agriculture (Switzerland)	10.3390/agriculture10030082	4	Productivity and fruit quality	Controlled
INFLUENCE OF INTERSPECIFIC HYBRID ROOTSTOCKS ON TOMATO GROWTH, NUTRIENT ACCUMULATION, YIELD,	2017	Djidonou D, Zhao X, Brecht Jk, Cordasco Km	Horttechnology	10.21273/HORTTECH03810-17	11	Productivity and fruit quality	Controlled

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AND FRUIT COMPOSITION UNDER GREENHOUSE CONDITIONS							
INFLUENCE OF ROOTSTOCK IN THE TOMATO RESPONSE TO SALINITY	2002	MartínezRodríguez Mm, SantaCruz A, Estañ Mt, Caro M, Bolarín Mc	Acta Horticulturae	10.17660/ActaHortic.2002.573.55	8	Abiotic stress	NI
INFLUENCE OF ROOTSTOCK ON TOMATO RESPONSE TO SALINITY	2007	Martorana M, Giuffrida F, Leonardi C, Kaya S	Acta Horticulturae	10.17660/ActaHortic.2007.747.72	8	Abiotic stress	Controlled
INFLUENCE OF ROOTSTOCK ON VEGETATIVE GROWTH, FRUIT YIELD AND QUALITY IN 'CUORE DI BUE', AN HEIRLOOM TOMATO	2010	Di Gioia F, Serio F, Buttaro D, Ayala O, Santamaria P	Journal of Horticultural Science and Biotechnology	10.1080/14620316.2010.11512701	57	Productivity and fruit quality	Controlled
INFLUENCE OF ROOTSTOCK, CULTIVAR AND ENVIRONMENT ON TOMATO YIELD UNDER GREENHOUSE	2008	Ricárdez M, Rodríguez N, Diaz M, Camacho F	Acta Horticulturae	10.17660/ActaHortic.2008.797.64	2	Productivity and fruit quality	Controlled
INFLUENCE OF ROOTSTOCKS ON YIELD AND QUALITY OF SUMMER TOMATO CV. 'BARI TOMATO-4'	2019	Hossain Mg, Ali Ma, Ripa Ra, Ayrin S, Mahmood S	Earth Systems and Environment	10.1007/s41748-019-00101-4	2	Productivity and fruit quality	Field
INFLUENCE OF SEVERAL ROOTSTOCKS ON YIELD OF CULTIVARS OF PEAR CHERRY TOMATO CULTIVATED UNDER MESH GREENHOUSE	2011	EstévezCaparrós Jm, DíazPérez M, CamachoFerre F	Journal of Food, Agriculture and Environment		1	Productivity and fruit quality	Controlled
INFLUENCE OF SHORT-TERM IRRADIATION DURING PRE- AND POST-GRAFTING PERIOD ON THE GRAFT-TAKE RATIO AND QUALITY OF TOMATO SEEDLINGS	2014	Vu NT, Kim YS, Kang HM, Kim IS	Horticulture Environment and Biotechnology	10.1007/s13580-014-0115-5	16	Characterization studies	Controlled
INFLUENCE OF THE QUALITY OF ARTIFICIAL LIGHT ON GRAFTING TOMATO	2018	Almansa Em, Chica Rm, Lao Mt	Australian Journal of Crop Science	10.21475/ajcs.18.12.02.p7685	4	Characterization studies	Controlled
INSIGHT INTO THE ROLE OF GRAFTING AND ARBUSCULAR MYCORRHIZA ON CADMIUM STRESS TOLERANCE IN TOMATO	2015	Kumar P, Lucini L, Roupael Y, Cardarelli M, Kalunke Rm, Colla G	Frontiers In Plant Science	10.3389/fpls.2015.00477	86	Abiotic stress	Controlled
INTEGRATING GRAFTING AND EMERGING PRODUCTS TO MANAGE SOILBORNE DISEASES OF TOMATO	2018	Louws Fj, Suchoff D, Kressin J, Panthee D, Driver J, Gunter C	Acta Horticulturae	10.17660/ActaHortic.2018.1207.34	2	Biotic stress	Field
INTER-SPECIES GRAFTING CAUSED EXTENSIVE AND HERITABLE ALTERATIONS OF DNA METHYLATION IN SOLANACEAE PLANTS	2013	Wu R, Wang X, Lin Y, Ma Y, Liu G, Yu X, Zhong S, Liu B	Plos One	10.1371/journal.pone.0061995	73	Characterization studies	Controlled
INTERACTIVE EFFECTS OF GRAFTING AND MANGANESE SUPPLY ON GROWTH, YIELD, AND NUTRIENT UPTAKE BY TOMATO	2009	Savvas D, Papastavrou D, Ntatsi G, Ropokis A, Olympios C, Hartmann H, Schwarz D	Hortscience	10.21273/hortsci.44.7.1978	65	Abiotic stress	Controlled

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INTERSPECIFIC GRAFTING TO ENHANCE PHYSIOLOGICAL RESILIENCE TO FLOODING STRESS IN TOMATO (SOLANUM LYCOPERSICUM L.)	2015	Bhatt Rm, Upreti Kk, Divya Mh, Bhat S, Pavithra Cb, Sadashiva At	Scientia Horticulturae	10.1016/j.scienta.2014.10.043	34	Abiotic stress	Controlled
INTERSPECIFIC GRAFTS BETWEEN SOLANUM LYCOPERSICUM AND S. HABROCHAITES AS AN ALTERNATIVE TO INCREASE FRUIT YIELD	2019	VelascoAlvarado Mj, LobatoOrtiz R, GarcíaZavala Jj, CastroBrindis R, CruzIzquierdo S, CoronaTorres T	Agrociencia		4	Productivity and fruit quality	Controlled
INTERSPECIFIC ROOTSTOCK CAN ENHANCE YIELD OF PROCESSING TOMATOES (SOLANUM LYCOPERSICUM L.) IN ORGANIC FARMING	2020	Caradonia F, Francia E, Barbieri R, Setti L, Hagassou D, Ronga D	Biological Agriculture and Horticulture	10.1080/01448765.2020.1756407	1	Productivity and fruit quality	Field
INVESTIGATION OF THE AMELIORATING EFFECTS OF EGGPLANT, DATURA, ORANGE NIGHTSHADE, LOCAL IRANIAN TOBACCO, AND FIELD TOMATO AS ROOTSTOCKS ON ALKALI STRESS IN TOMATO PLANTS	2012	Mohsenian Y, Roosta Hr, Karimi Hr, Esmaeilizade M	Photosynthetica	10.1007/s11099-012-0054-2	15	Abiotic stress	Controlled
IRON METABOLISM IN TOMATO AND WATERMELON PLANTS: INFLUENCE OF GRAFTING	2004	Rivero Rm, Ruiz Jm, Romero L	Journal of Plant Nutrition	10.1081/LPLA-200034708	29	Abiotic stress	Controlled
IS THE VIGOUR OF GRAFTED TOMATO PLANTS RELATED TO ROOT CHARACTERISTICS?	2009	Oztekin Gb, Giuffrida F, Tuzel Y, Leonardi C	Journal of Food, Agriculture and Environment		26	Characterization studies	Controlled
LATERAL STEM DEVELOPMENT IN TOMATO ACCORDING TO ROOTSTOCK VIGOUR AND SEEDLING MANAGEMENT PRACTICES	2015	Cassaniti C, Giuffrida F, Leonardi C, Causarano G, Marcellino F	Acta Horticulturae	10.17660/actahortic.2015.1086.25	0	Characterization studies	Controlled
LEAF REMOVAL REDUCES SCION ADVENTITIOUS ROOT FORMATION AND PLANT GROWTH OF GRAFTED TOMATO	2017	Meyer Lj, Kennelly Mm, Pliakoni Ed, Rivard Cl	Scientia Horticulturae	10.1016/j.scienta.2016.11.019	9	Characterization studies	Controlled
LEAF-ASSOCIATED MICROBIOMES OF GRAFTED TOMATO PLANTS	2019	Toju H, Okayasu K, Notaguchi M	Scientific Reports	10.1038/s41598-018-38344-2	19	Characterization studies	Controlled
LENRT1.1 IMPROVES NITRATE UPTAKE IN GRAFTED TOMATO PLANTS UNDER HIGH NITROGEN DEMAND	2018	Albornoz F, Gebauer M, Ponce C, Cabeza Ra	International Journal of Molecular Sciences	10.3390/ijms19123921	4	Abiotic stress	Controlled
LONG-DISTANCE ABA TRANSPORT CAN MEDIATE DISTAL TISSUE RESPONSES BY AFFECTING LOCAL ABA CONCENTRATIONS	2018	Li W, De Ollas C, Dodd Ic	Journal of Integrative Plant Biology	10.1111/jipb.12605	37	Characterization studies	Controlled

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LOW LEVELS OF STRIGOLACTONES IN ROOTS AS A COMPONENT OF THE SYSTEMIC SIGNAL OF DROUGHT STRESS IN TOMATO	2016	Visentin I, Vitali M, Ferrero M, Zhang Y, RuyterSpira C, Novák O, Strnad M, Lovisolo C, Schubert A, Cardinale F	New Phytologist	10.1111/nph.14190	77	Characterization studies	Controlled
MANAGEMENT OF PHYTOPHTHORA CAPSICI ON BELL PEPPER AND COLLETOTRICHUM COCCODES ON TOMATO BY USING GRAFTING AND ORGANIC AMENDMENTS	2014	Gilardi G, Pugliese M, Colla P, Gullino MI, Garibaldi A	Acta Horticulturae	10.17660/ActaHortic.2014.1044.31	4	Biotic stress	Field
MANAGEMENT OF THE ROOT-KNOT NEMATODE MELOIDOGYNE INCOGNITA ON TOMATO WITH DIFFERENT COMBINATIONS OF NEMATOCIDES AND A RESISTANT ROOTSTOCK: PRELIMINARY DATA	2018	Landi S, D'errico G, Roversi Pf, D'errico Fp	Redia	10.19263/REDIA-101.18.07	4	Biotic stress	Field
MEXICAN NATIVE TOMATOES AS ROOTSTOCKS TO INCREASE FRUIT YIELD	2017	VelascoAlvarado Mj, LobatoOrtiz R, GarcíaZavala Jj, CastroBrindis R, CruzIzquierdo S, CoronaTorres T, MoedanoMariano Mk	Chilean Journal of Agricultural Research	10.4067/S0718-58392017000300187	5	Productivity and fruit quality	Controlled
MICROCLIMATE AND SCION LEAF REMOVAL TO IMPROVE THE SUCCESS OF GRAFTED TOMATO SEEDLINGS	2016	Masterson Sa, Kennelly Mm, Janke Rr, Rivard Cl	Horttechnology	10.21273/horttech.26.3.261	5	Characterization studies	Controlled
MOBILITY OF ANTIFLORIGEN AND PEBP MRNAS IN TOMATO-TOBACCO HETEROGRAFTS	2018	Huang NC, Luo KR, Yu TS	Plant Physiology	10.1104/pp.18.00725	17	Characterization studies	Controlled
MYCORRHIZATION AND GRAFTING IMPROVE GROWTH IN THE TOMATO AND REDUCE THE POPULATION OF NACOBBUS ABERRANS	2019	Garita Sa, Bernardo Vf, Guimarães Fds, Arango Mc, Ruscitti Mf	Revista Ciencia Agronomica	10.5935/1806-6690.20190072	2	Biotic stress	Field
NITRATE TRANSPORT RATE IN THE XYLEM OF TOMATO PLANTS GRAFTED ONTO A VIGOROUS ROOTSTOCK	2020	Albornoz F, PérezDonoso Ag, Urbina JI, Monasterio M, Gómez M, Steinfort Ú	Agronomy	10.3390/agronomy10020182	3	Characterization studies	Controlled
NITROGEN ACCUMULATION AND ROOT DISTRIBUTION OF GRAFTED TOMATO PLANTS AS AFFECTED BY NITROGEN FERTILIZATION	2019	Djidonou D, Zhao X, Koch Ke, Zotarelli L	Hortscience	10.21273/HORTSCI14066-19	3	Abiotic stress	Field
NON-DESTRUCTIVE ASSESSMENT OF DEVELOPING HYDRAULIC CONNECTIONS IN THE GRAFT UNION OF TOMATO	1996	Turquoise N, Malone M	Journal of Experimental Botany	10.1093/jxb/47.5.701	29	Characterization studies	Controlled
NUTRIENT CONCENTRATIONS AND ROOT SUBSTRATE FORMULATIONS	2015	Choi Jm, Lee Cw, Park Js	European Journal of Horticultural Science	10.17660/eJHS.2015/80.2.3	2	Abiotic stress	Controlled

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INFLUENCE THE PERFORMANCE OF SEEDLING GRAFTS OF TOMATO								
NUTRITIONAL QUALITY OF FIELD-GROWN TOMATO FRUIT AS AFFECTED BY GRAFTING WITH INTERSPECIFIC HYBRID ROOTSTOCKS	2016	Djidonou D, Simonne Ah, Koch Ke, Brecht Jk, Zhao X	Hortscience	10.21273/HORTSCII1275-16	18	Productivity and fruit quality	Field	
OCCURRENCE OF ROOT-KNOT NEMATODE ON WINTER TOMATO AND ITS EFFECT ON YIELD UNDER SUBTROPICAL CLIMATE	2020	Yanwu H, He Q, Zhou Xb	Agrociencia	10.4414/smw.2017.14469	0	Biotic stress	Field	
OFF-SEASON TOMATO PRODUCTION: A NEW TECHNOLOGY IN TARLAC PROVINCE OF PHILIPPINES	2015	Boncato T, Ellamar J	Acta Horticulturae	10.17660/actahortic.2015.1086.33	3	Productivity and fruit quality	Both	
ORGANIC PRODUCTION OF TOMATOES IN THE AMAZON REGION BY PLANTS GRAFTED ON WILD SOLANUM ROOTSTOCKS	2013	Farias Eap, Ferreira Rlf, Araújo Neto Se, Costa Fc, Nascimento Ds	Ciencia E Agrotecnologia	10.1590/S1413-70542013000400005	14	Productivity and fruit quality	Field	
OVEREXPRESSION OF S-ADENOSYL-L-METHIONINE SYNTHETASE INCREASED TOMATO TOLERANCE TO ALKALI STRESS THROUGH POLYAMINE METABOLISM	2014	Gong B, Li X, Vandenlangenberg Km, Wen D, Sun S, Wei M, Li Y, Yang F, Shi Q, Wang X	Plant Biotechnology Journal	10.1111/pbi.12173	92	Abiotic stress	Controlled	
PARTIAL PHENOTYPIC REVERSION OF ABA-DEFICIENT FLACCA TOMATO (SOLANUM LYCOPERSICUM) SCIONS BY A WILD-TYPE ROOTSTOCK: NORMALIZING SHOOT ETHYLENE RELATIONS PROMOTES LEAF AREA BUT DOES NOT DIMINISH WHOLE PLANT TRANSPIRATION RATE	2009	Dodd Ic, Theobald Jc, Richer Sk, Davies Wj	Journal of Experimental Botany	10.1093/jxb/erp236	69	Characterization studies	Controlled	
PARTIAL ROOT-ZONE DRYING AND DEFICIT IRRIGATION EFFECT ON GROWTH, YIELD, WATER USE AND QUALITY OF GREENHOUSE GROWN GRAFTED TOMATO	2020	Urlić B, Runjić M, Mandušić M, Žanić K, Selak Gv, Matešković A, Dumičić G	Agronomy	10.3390/agronomy10091297	2	Abiotic stress	Controlled	
PERFORMANCE OF GRAFTED TOMATO IN CENTRAL LUZON, PHILIPPINES: A CASE STUDY ON THE INTRODUCTION OF A NEW TECHNOLOGY AMONG RESOURCE-LIMITED FARMERS	2014	Boncato Ta, Aganon Cp, Mateo Lg, Burleigh Jr, Black Ll, Ledesma Dr	Acta Horticulturae	10.17660/actahortic.2014.1037.94	0	Productivity and fruit quality	Both	
PERFORMANCE OF SEEDLING GRAFTS OF TOMATO AS INFLUENCED BY ROOT SUBSTRATE FORMULATIONS, FERTIGATION LEACHING FRACTIONS,	2015	Choi Jm, Lee Cw, Park Js	Horticulture Environment and Biotechnology	10.1007/s13580-015-0040-2	6	Abiotic stress	Controlled	

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AND N CONCENTRATIONS IN FERTILIZER SOLUTION							
PERFORMANCE OF THE ROOT SYSTEM OF TOMATO PLANTS INOCULATED WITH ARBUSCULAR MYCORRHIZAL FUNGI AND SUBMITTED TO THE GRAFTING TECHNIQUE	2020	Chiomento JI, Cavali Vlf, Da Costa Rc, Dos Santos Trentin T, Nienow Aa, Calvete Eo	Comunicata Scientiae	10.14295/CS.V11I1.3426	0	Biotic stress	Controlled
PERFORMANCE OF TOMATO ROOTSTOCKS IN FALSE ROOT-KNOT NEMATODE (NACOBBUS ABERRANS) INFESTED SOIL	2018	Garita Sa, Guimarães Ma, Arango Mc, Tello Jpj, Ruscitti M	Australian Journal of Crop Science	10.21475/ajcs.18.12.11.p1283	1	Biotic stress	Controlled
PHENOLIC METABOLISM IN GRAFTED VERSUS NONGRAFTED CHERRY TOMATOES UNDER THE INFLUENCE OF WATER STRESS	2011	SánchezRodríguez E, Ruiz Jm, Ferreres F, Moreno Da	Journal of Agricultural and Food Chemistry	10.1021/jf201754t	17	Abiotic stress	Controlled
PHENOLIC PROFILES OF CHERRY TOMATOES AS INFLUENCED BY HYDRIC STRESS AND ROOTSTOCK TECHNIQUE	2012	SánchezRodríguez E, Ruiz Jm, Ferreres F, Moreno Da	Food Chemistry	10.1016/j.foodchem.2012.02.180	64	Characterization studies	Controlled
PHYSIOLOGICAL AND PROTEOMIC INVESTIGATIONS TO STUDY THE RESPONSE OF TOMATO GRAFT UNIONS UNDER TEMPERATURE STRESS	2016	Muneer S, Ko Ch, Wei H, Chen Y, Jeong Br	Plos One	10.1371/journal.pone.0157439	21	Abiotic stress	Controlled
PHYTOSTEROLS AND POLYPHENOLS IN RECIPROCALLY GRAFTED TOBACCO-TOMATO PLANTS	1974	Tso Tc, Cheng Als, Sorokin T, Tso E	Phytochemistry	10.1016/0031-9422(74)85071-5	5	Characterization studies	Controlled
PLANT GRAFTING RELIEVES ASYMMETRY OF JASMONIC ACID RESPONSE INDUCED BY WOUNDING BETWEEN SCION AND ROOTSTOCK IN TOMATO HYPOCOTYL	2020	Wang J, Li D, Chen N, Chen J, Mu C, Yin K, He Y, Liu H	Plos One	10.1371/journal.pone.0241317	0	Characterization studies	Controlled
PLANT GROWTH REGULATOR AND GRAFT CONTROL OF AXILLARY BUD FORMATION AND DEVELOPMENT IN THE TO-2 MUTANT TOMATO	1992	Mapelli S, Kinet Jm	Plant Growth Regulation	10.1007/BF00130646	27	Characterization studies	Controlled
PLANT GROWTH, FRUIT YIELD AND QUALITY, AND TOLERANCE TO VERTICILLIUM WILT OF GRAFTED WATERMELON AND TOMATO IN FIELD PRODUCTION IN THE PACIFIC NORTHWEST	2013	Buller S, Inglis D, Miles C	Hortscience	10.21273/hortsci.48.8.1003	24	Biotic stress	Field
PREDISPOSITION OF TOMATO TO THE WILT FUNGUS (FUSARIUM OXYSPORUM LYCOPERSICI) BY THE	1977	Sidhu G, Webster Jm	Nematologica	10.1163/187529277X00363	24	Biotic stress	Controlled

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ROOT-KNOT NEMATODE (MELOIDOGYNE INCOGNITA)							
PRELIMINARY TEST OF A LOCAL TOMATO CULTIVAR AS A ROOTSTOCK TO CONTROL TWO SOIL-BORNE PLANT PATHOGENS	2018	Arwiyanto T, Triman B, Sulandari S, Suryanti S	Acta Horticulturae	10.17660/ActaHortic.2018.1207.6	1	Biotic stress	Controlled
PRINCIPAL COMPONENT ANALYSIS OF HORMONE PROFILING DATA SUGGESTS AN IMPORTANT ROLE FOR CYTOKININS IN REGULATING LEAF GROWTH AND SENESCENCE OF SALINIZED TOMATO	2010	Albacete A, Ghanem Me, Dodd Ic, PérezAlfocea F	Plant Signaling and Behavior	10.4161/psb.5.1.10120	25	Abiotic stress	Controlled
PRODUCING A GRAFTED AND A NON-GRAFTED TOMATO PLANT FROM THE SAME SEEDLING	2012	Hanna Hy	Horttechnology	10.21273/horttech.22.1.72	1	Productivity and fruit quality	Controlled
QTL AND CANDIDATE GENE ANALYSES OF ROOTSTOCK-MEDIATED TOMATO FRUIT YIELD AND QUALITY TRAITS UNDER LOW IRON STRESS	2020	Asins Mj, Raga Mv, Torrent D, Roca D, Carbonell Ea	Euphytica	10.1007/s10681-020-02599-6	6	Abiotic stress	Controlled
RESISTANCE RESPONSE OF THE TOMATO ROOTSTOCK SC 6301 TO MELOIDOGYNE JAVANICA IN A PLASTIC HOUSE	2008	VerdejoLucas S, Sorribas Fj	European Journal of Plant Pathology	10.1007/s10658-007-9243-4	19	Biotic stress	Controlled
RESPONSE OF DROUGHT-STRESSED GRAFTED AND NONGRAFTED TOMATO TO POSTEMERGENCE METRIBUZIN	2017	Chaudhari S, Jennings Km, Monks Dw, Jordan Dl, Gunter Cc, Louws Fj	Weed Technology	10.1017/wet.2017.12	5	Abiotic stress	Controlled
RESPONSE OF GRAFTED AND SELF-ROOTED TOMATO PLANTS TO SALINE CONDITIONS IN CLOSED SUBSTRATE SYSTEM	2012	Öztekin Gb, Tüzel Y, Tüzel Ih	Acta Horticulturae	10.17660/ActaHortic.2012.960.61	0	Abiotic stress	Controlled
RESPONSE OF GRAFTED TOMATO (SOLANUM LYCOPERSICUM) TO HERBICIDES	2015	Chaudhari S, Jennings Km, Monks Dw, Jordan Dl, Gunter Cc, Louws Fj	Weed Technology	10.1614/WT-D-15-00037.1	7	Characterization studies	Both
RESPONSE OF GRAFTED TOMATO PLANTS (LYCOPERSICON ESCULENTUM MILL.) TO LEAF PRUNING AND NUTRIENT SOLUTION CONCENTRATION	2008	GaytánMascorro A, CastellanosRamos Jz, VillalobosReyes S, DíazPérez Jc, CamachoFerre F	Journal of Food, Agriculture and Environment		6	Abiotic stress	Controlled
RESPONSE OF HEALTHY LOCAL TOMATO (SOLANUM LYCOPERSICUM L.) POPULATIONS TO GRAFTING IN ORGANIC FARMING	2019	Moreno Mm, Villena J, GonzálezMora S, Moreno C	Scientific Reports	10.1038/s41598-019-41018-2	7	Productivity and fruit quality	Field
RESPONSE OF LOCAL AND COMMERCIAL TOMATO CULTIVARS	2011	Rumbos Ci, Khah Em, Sabir N	Australian Journal of Crop Science		9	Biotic stress	Controlled

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AND ROOTSTOCKS TO MELOIDOGYNE JAVANICA INFESTATION							
RESPONSE OF PLANT YIELD AND LEAF ION CONTENTS TO SALINITY IN GRAFTED TOMATO PLANTS	2001	SantaCruz A, MartínezRodríguez Mm, Bolarín Mc, Cuartero J	Acta Horticulturae	10.17660/ActaHortic.2001.559.62	23	Abiotic stress	Controlled
RESPONSES OF GRAFTED TOMATO (SOLANUM LYCOPERSICON L.) TO ABIOTIC STRESSES IN SAUDI ARABIA	2017	AlHarbi A, Hejazi A, AlOmran A	Saudi Journal of Biological Sciences	10.1016/j.sjbs.2016.01.005	32	Abiotic stress	Controlled
RESPONSES OF ROOTSTOCKS TO NUTRIENT INDUCED HIGH EC LEVELS ON YIELD AND FRUIT QUALITY OF GRAFTED TOMATO CULTIVARS IN GREENHOUSE CONDITIONS	2017	Soylemez S, Pakyurek Ay	Applied Ecology and Environmental Research	10.15666/aeer/1503_759770	3	Productivity and fruit quality	Controlled
RHIZOBACTERIAL COMMUNITY STRUCTURE IN GRAFTED TOMATO PLANTS INFECTED BY RALSTONIA SOLANACEARUM	2020	Navitasari L, Joko T, Hari Murti R, Arwiyanto T	Biodiversitas	10.13057/biodiv/d211055	1	Biotic stress	Field
RIBOFLAVIN EXCRETION FROM ROOTS OF IRON-STRESSED AND RECIPROCALLY GRAFTED TOBACCO AND TOMATO PLANTS	1988	Welkie Gw, Miller Gw	Journal of Plant Nutrition	10.1080/01904168809363834	12	Characterization studies	Controlled
ROLE OF ABSCISIC ACID IN THE ADAPTATION OF GRAFTED TOMATO TO MODERATELY SUBOPTIMAL TEMPERATURE STRESS	2012	Ntatsi G, Savvas D, Schwarz D	Acta Horticulturae	10.17660/ActaHortic.2012.952.36	2	Abiotic stress	Controlled
ROLE OF GRAFTING IN RESISTANCE TO WATER STRESS IN TOMATO PLANTS: AMMONIA PRODUCTION AND ASSIMILATION	2013	SánchezRodríguez E, Romero L, Ruiz Jm	Journal of Plant Growth Regulation	10.1007/s00344-013-9348-2	21	Abiotic stress	Controlled
ROLE OF ROOTSTOCKS ON ION UPTAKE OF TOMATO PLANTS GROWN UNDER SALINE CONDITIONS	2009	Öztekin Gb, Leonardi C, Caturano E, Martorana M, Tüzel Y	Acta Horticulturae	10.17660/ActaHortic.2009.807.95	4	Abiotic stress	Controlled
ROOT-TO-SHOOT HORMONAL COMMUNICATION IN CONTRASTING ROOTSTOCKS SUGGESTS AN IMPORTANT ROLE FOR THE ETHYLENE PRECURSOR AMINOCYCLOPROPANE-1-CARBOXYLIC ACID IN MEDIATING PLANT GROWTH UNDER LOW-POTASSIUM NUTRITION IN TOMATO	2016	Martínezandújar C, Albacete A, MartínezPérez A, PérezPérez Jm, Asins Mj, PérezAlfocea F	Frontiers In Plant Science	10.3389/fpls.2016.01782	19	Characterization studies	Controlled
ROOTSTOCK EFFECT ON GRAFTED TOMATO TRANSPLANT SHOOT AND ROOT RESPONSES TO DRYING SOILS	2018	Suchoff Dh, Gunter Cc, Schultheis Jr, Kleinhenz Md, Louws Fj	Hortscience	10.21273/HORTSCI13215-18	3	Abiotic stress	NI

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ROOTSTOCK EFFECT ON SEROTONIN AND NUTRITIONAL QUALITY OF TOMATOES PRODUCED UNDER LOW TEMPERATURE AND LIGHT CONDITIONS	2016	Riga P, Benedicto L, GarcíaFlores L, Villaño D, Medina S, GilIzquierdo Á	Journal of Food Composition and Analysis	10.1016/j.jfca.2015.11.003	19	Abiotic stress	Controlled
ROOTSTOCK PERFORMANCE FOR CHERRY TOMATO PRODUCTION UNDER ORGANIC, GREENHOUSE PRODUCTION SYSTEM	2018	Albino Vs, Peixoto Jr, Caetano Junior V, Vilela Ms	Horticultura Brasileira	10.1590/s0102-053620180122	2	Productivity and fruit quality	Controlled
ROOTSTOCK SUB-OPTIMAL TEMPERATURE TOLERANCE DETERMINES TRANSCRIPTOMIC RESPONSES AFTER LONG-TERM ROOT COOLING IN ROOTSTOCKS AND SCIONS OF GRAFTED TOMATO PLANTS	2017	Ntatsi G, Savvas D, Papatotiropoulos V, Katsileros A, Zrenner Rm, Hinch Dk, Zuther E, Schwarz D	Frontiers In Plant Science	10.3389/fpls.2017.00911	20	Abiotic stress	Controlled
ROOTSTOCK X ENVIRONMENT INTERACTIONS ON NITROGEN-USE EFFICIENCY IN GRAFTED TOMATO PLANTS AT DIFFERENT PHENOLOGICAL STAGES	2020	Albornoz F, Nario A, Saavedra M, Videla X	Agronomy	10.3390/agronomy10030350	1	Abiotic stress	Controlled
ROOTSTOCK-MEDIATED CHANGES IN XYLEM IONIC AND HORMONAL STATUS ARE CORRELATED WITH DELAYED LEAF SENESCENCE, AND INCREASED LEAF AREA AND CROP PRODUCTIVITY IN SALINIZED TOMATO	2009	Albacete A, Martínezandújar C, Ghanem Me, Acosta M, SánchezBravo J, Asins Mj, Cuartero J, Lutts S, Dodd Ic, PérezAlfocea F	Plant, Cell and Environment	10.1111/j.1365-3040.2009.01973.x	144	Abiotic stress	Controlled
ROOTSTOCK-MEDIATED VARIATION IN TOMATO VEGETATIVE GROWTH UNDER DROUGHT, SALINITY AND SOIL IMPEDANCE STRESSES	2015	Albacete A, andújar C, Dodd I, Giuffrida F, Hichri I, Lutts S, Thompson A, Asins M	Acta Horticulturae	10.17660/ActaHortic.2015.1086.17	13	Abiotic stress	Controlled
ROOTSTOCK-MEDIATED VARIATION IN TOMATO VEGETATIVE GROWTH UNDER LOW POTASSIUM OR PHOSPHOROUS SUPPLIES	2015	Albacete A, andújar C, PérezAlfocea F, Lozano J, Asins M	Acta Horticulturae	10.17660/ActaHortic.2015.1086.18	12	Abiotic stress	Controlled
ROOTSTOCKS CAN ENHANCE TOMATO GROWTH AND QUALITY CHARACTERISTICS AT LOW POTASSIUM SUPPLY	2013	Schwarz D, Öztekin Gb, Tüzel Y, Brückner B, Krumbain A	Scientia Horticulturae	10.1016/j.scienta.2012.06.013	76	Abiotic stress	Controlled
ROOTSTOCKS SHAPE THE RHIZOBIOME: RHIZOSPHERE AND ENDOSPHERE BACTERIAL COMMUNITIES IN THE GRAFTED TOMATO SYSTEM	2019	Poudel R, Jumpponen A, Kennelly Mm, Rivard Cl, GomezMontano L, Garrett Ka	Applied and Environmental Microbiology	10.1128/AEM.01765-18	36	Biotic stress	Controlled

SALINITY RESPONSE OF SOME TOMATO ROOTSTOCKS AT SEEDLING STAGE	2011	Oztekin Gb, Tuzel Y	African Journal of Agricultural Research		10	Abiotic stress	Controlled
SALINITY STRESS IN TOMATOES CAN BE ALLEVIATED BY GRAFTING AND POTASSIUM DEPENDING ON THE ROOTSTOCK AND K-CONCENTRATION EMPLOYED	2011	Fan M, Bie Z, Krumbein A, Schwarz D	Scientia Horticulturae	10.1016/j.scienta.2011.08.018	39	Abiotic stress	Controlled
SCION AND ROOTSTOCK DIFFERENTLY INFLUENCE GROWTH, YIELD AND QUALITY CHARACTERISTICS OF CHERRY TOMATO	2020	Mauro Rp, Agnello M, Onofri A, Leonardi C, Giuffrida F	Plants	10.3390/plants9121725	3	Productivity and fruit quality	Controlled
SCION SHOOT REMOVAL AND ROOTSTOCK CULTIVAR AFFECT VIGOR AND EARLY YIELD OF GRAFTED TOMATOES GROWN IN HIGH TUNNELS IN THE CENTRAL UNITED STATES	2016	Masterson Sa, Kennelly Mm, Janke Rr, Rivard Cl	Horttechnology	10.21273/horttech.26.4.399	7	Productivity and fruit quality	Controlled
SCION/ROOTSTOCK INTERACTION AND TOLERANCE EXPRESSION OF TOMATO TO FORL	2015	Polizzi G, Guarnaccia V, Vitale A, Marra M, Rocco M, Arena S, Scaloni A, Giuffrida F, Cassaniti C, Leonardi C	Acta Horticulturae	10.17660/ActaHortic.2015.1086.23	2	Biotic stress	Controlled
SHIFT IN RHIZOSPHERIC AND ENDOPHYTIC BACTERIAL COMMUNITIES OF TOMATO CAUSED BY SALINITY AND GRAFTING	2020	Bai Y, Ren P, Feng P, Yan H, Li W	Science of The Total Environment	10.1016/j.scitotenv.2020.139388	4	Abiotic stress	Controlled
SHOOT REGENERATION AND MICROGRAFTING OF MICROPROPAGATED HYBRID TOMATOES	2005	Grigoriadis I, NianiouObeidat I, Tsaftaris As	Journal of Horticultural Science and Biotechnology	10.1080/14620316.2005.11511914	7	Characterization studies	Controlled
SIGNIFICANCE OF THE ROOT SYSTEM IN VERTICILLIUM WILT TOLERANCE IN POTATO AND RESISTANCE IN TOMATO	1995	Lahkim Lt, Nachmias A	Israel Journal of Plant Sciences	10.1080/07929978.1995.10676618	14	Biotic stress	Both
SIMULTANEOUS GRAFTING OF YOUNG TOMATO PLANTS USING GRAFTING PLATES	1994	Oda M, Nagaoka M, Mori T, Sei M	Scientia Horticulturae	10.1016/0304-4238(94)90157-0	3	Economy and technology	Controlled
SLIGHT VAPOR DEFICIT ACCELERATES GRAFT UNION HEALING OF TOMATO PLUG SEEDLING	2018	Wei H, Muneer S, Manivannan A, Liu Y, Park Je, Jeong Br	Acta Physiologiae Plantarum	10.1007/s11738-018-2724-6	3	Characterization studies	Controlled
SOLANUM HABROCHAITES INTROGRESSION LINE GRAFTED AS ROOTSTOCK IN CULTIVATED TOMATO MAINTAINS GROWTH AND IMPROVES YIELD UNDER COLD AND DROUGHT STRESSES	2017	Poudyal D, Akash M, Khatri L, Shrestha Ds, Uptmoor R	Journal of Crop Improvement	10.1080/15427528.2017.1319887	4	Characterization studies	Controlled

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SOME PHYSIOLOGICAL CHARACTERISTICS OF TWO TOMATO CULTIVARS, ONE TOLERANT AND ONE SUSCEPTIBLE TO TOBACCO MOSAIC VIRUS	1973	Selman Iw, Yahampath Aci	Annals of Botany	10.1093/oxfordjournals.aob.a084754	6	Biotic stress	Controlled
STABILITY OF YIELD AND ITS COMPONENTS IN GRAFTED TOMATO TESTED ACROSS MULTIPLE ENVIRONMENTS IN TEXAS	2020	Djidonou D, Leskovar Di, Joshi M, Jifon J, Avila Ca, Masabni J, Wallace Rw, Crosby K	Scientific Reports	10.1038/s41598-020-70548-3	5	Productivity and fruit quality	Both
STOCK-SCION INTERACTIONS OF NORMAL AND FRUIT RIPENING MUTANTS RIN AND NOR IN TOMATO	1975	Mizrahi Y, Dostal Hc, Mcglassion Wb, Cherry Jh	Physiologia Plantarum	10.1111/j.1399-3054.1975.tb03899.x	2	Characterization studies	Controlled
STOMATAL CONTROL IN TOMATO WITH ABA-DEFICIENT ROOTS: RESPONSE OF GRAFTED PLANTS TO SOIL DRYING	2002	Holbrook Nm, Shashidhar Vr, James Ra, Munns R	Journal of Experimental Botany	10.1093/jxb/53.373.1503	253	Abiotic stress	Controlled
STORAGE OF GRAFTED-TOMATO SEEDLING UNDER LOW-LIGHT CONDITIONS WITH LIGHT-EMITTING DIODES AND AN ELECTROLUMINESCENT SHEET	2015	Park Js, Fujiwara K	Horticulture Environment and Biotechnology	10.1007/s13580-015-0032-2	1	Characterization studies	Controlled
STUDIES ON GRAFT UNIONS IV. ASSIMILATE TRANSPORT AND SIEVE ELEMENT RESTITUTION IN HOMO- AND HETEROGRAFTS	1992	RachowBrandt G, Kollmann R	Journal of Plant Physiology	10.1016/S0176-1617(11)80373-1	11	Characterization studies	Controlled
SYSTEMIC INDUCTION OF PHOTOSYNTHESIS VIA ILLUMINATION OF THE SHOOT APEX IS MEDIATED SEQUENTIALLY BY PHYTOCHROME B, AUXIN AND HYDROGEN PEROXIDE IN TOMATO	2016	Guo Z, Wang F, Xiang X, Ahammed Gj, Wang M, Onac E, Zhou J, Xia X, Shi K, Yin X, Chen K, Yu J, Foyer Ch, Zhou Y	Plant Physiology	10.1104/pp.16.01202	49	Characterization studies	Controlled
THE ACCUMULATION AND MOVEMENT OF NICOTINE IN RECIPROCAL GRAFTS BETWEEN TOBACCO AND TOMATO PLANTS	1944	Pal Bp, Nath Bv	Proceedings of The Indian Academy of Sciences - Section B	10.1007/BF03049792	0	Characterization studies	NI
THE DEVELOPMENT OF HETERODERA ROSTOCHIENSIS AND MELOIDOGYNE INCOGNITA IN CROSS-GRAFTED SOLANACEOUS PLANTS WITH DIFFERENT SUSCEPTIBILITIES	1956	Rae Forster A	Nematologica	10.1163/187529256X00285	0	Biotic stress	Controlled
THE DEVELOPMENT OF THE GRAFT UNION	1961	Roberts Jr, Brown R	Journal of Experimental Botany	10.1093/jxb/12.2.294	12	Characterization studies	Controlled
THE EFFECT OF GRAFTING ON NITROGEN USE IN DETERMINATE FIELD-GROWN TOMATOES	2019	Suchhoff Dh, Gunter Cc, Schultheis Jr, Hassell Rl, Louws Fj	Journal of Horticultural Science and Biotechnology	10.1080/14620316.2018.1450645	6	Abiotic stress	Field

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THE EFFECT OF GRAFTING ON THE ANTIOXIDANT PROPERTIES OF TOMATO (SOLANUM LYCOPERSICUM L.)	2011	Vinkovic Vrcek I, Samobor V, Bojic M, MedicSaric M, Vukobratovic M, Erhatic R, Horvat D, Matotan Z	Spanish Journal of Agricultural Research	10.5424/sjar/20110903-414-10	35	Productivity and fruit quality	Controlled
THE EFFECT OF PRUNING SYSTEMS ON YIELD AND FRUIT QUALITY OF GRAFTED TOMATO	2017	Mourão I, Brito Lm, Moura L, Ferreira Me, Costa Sr	Horticultura Brasileira	10.1590/s0102-053620170215	2	Productivity and fruit quality	Controlled
THE EFFECT OF ROOTSTOCK ON YIELD AND QUALITY IN PROCESSING TOMATOES	2019	Argerich Ca, Smith Pa	Acta Horticulturae	10.17660/ActaHortic.2019.1233.3	0	Productivity and fruit quality	Field
THE EFFECT OF SCION/ROOTSTOCK COMBINATION AND RIPENING STAGE ON THE COMPOSITION OF CAROTENOIDS AND SOME CARPOMETRIC CHARACTERISTICS OF TOMATO FRUIT	2012	Brajović B, Kastelec D, Šircelj H, Kacjan Maršić N	European Journal of Horticultural Science		3	Productivity and fruit quality	Controlled
THE EFFECT OF USING GRAFTED SEEDLINGS ON THE YIELD AND QUALITY OF TOMATOES GROWN IN GREENHOUSES	2018	Soare R, Dinu M, Babeanu C	Horticultural Science	10.17221/214/2016-HORTSCI	6	Productivity and fruit quality	Controlled
THE EFFECTIVENESS OF GRAFTING AND SOIL FUMIGATION ON THE PERFORMANCE OF GREENHOUSE TOMATOES	2014	Chalańska A, Jusarskia C, Uliński Z, Meszka B, Sobiczewski P, Malusá E, Ciesielska J	Acta Horticulturae	10.17660/ActaHortic.2014.1044.32	1	Biotic stress	Controlled
THE EFFECTIVENESS OF GRAFTING TO IMPROVE DROUGHT TOLERANCE IN TOMATO	2020	Zhang Z, Liu Y, Cao B, Chen Z, Xu K	Plant Growth Regulation	10.1007/s10725-020-00596-2	4	Abiotic stress	Controlled
THE EFFECTIVENESS OF GRAFTING TO IMPROVE SALT TOLERANCE IN TOMATO WHEN AN 'EXCLUDER' GENOTYPE IS USED AS SCION	2008	MartinezRodriguez Mm, Estañ Mt, Moyano E, GarciaAbellan Jo, Flores Fb, Campos Jf, AlAzzawi Mj, Flowers Tj, Bolarín Mc	Environmental and Experimental Botany	10.1016/j.envexpbot.2007.12.007	118	Abiotic stress	Controlled
THE EFFECTIVENESS OF GRAFTING TO IMPROVE TOMATO FRUIT QUALITY	2010	Flores Fb, SanchezBel P, Estañ Mt, MartinezRodriguez Mm, Moyano E, Morales B, Campos Jf, GarciaAbellán Jo, Egea Mí, FernándezGarcia N, Romojaro F, Bolarín Mc	Scientia Horticulturae	10.1016/j.scienta.2010.03.026	154	Productivity and fruit quality	Controlled
THE EFFECTS OF METHYL BROMIDE FUMIGATION AND GRAFTING ON YIELD AND ROOT DISEASES OF TOMATOES	1968	Upstone Me	Plant Pathology	10.1111/j.1365-3059.1968.tb00429.x	3	Biotic stress	Controlled

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THE EFFECTS OF PLANTING SYSTEMS ON SOIL BIOLOGY AND QUALITY ATTRIBUTES OF TOMATOES	2019	Alagöz G, Ozer H	Archives of Agronomy and Soil Science	10.1080/03650340.2018.1533246	3	Productivity and fruit quality	Field
THE EFFECTS OF ROOTSTOCK AND SCION ON TOBACCO MOSAIC VIRUS INFECTION IN SUSCEPTIBLE, TOLERANT AND IMMUNE CULTIVARS OF TOMATO	1977	Arroyo A, Selman Iw	Annals of Applied Biology	10.1111/j.1744-7348.1977.tb01798.x	0	Biotic stress	Controlled
THE FUNCTION OF PHLOEM CONNECTIONS IN REGENERATING IN VITRO-GRAFTS	1995	Schöning U, Kollmann R	Botanica Acta	10.1111/j.1438-8677.1995.tb00831.x	9	Characterization studies	Controlled
THE IMPACT OF EIGHT HYBRID TOMATO ROOTSTOCKS ON 'BHN 589' SCION YIELD, FRUIT QUALITY, AND PLANT GROWTH TRAITS IN A MIDWEST HIGH TUNNEL PRODUCTION SYSTEM	2020	Lang Km, Nair A, Moore Kj	Hortscience	10.21273/HORTSCI14713-20	1	Productivity and fruit quality	Controlled
THE INFLUENCE OF GRAFTING AND BIOSTIMULATORS ON PHYSICAL AND SENSORIAL TRAITS OF GREENHOUSE TOMATO FRUIT (LYCOPERSICON ESCULENTUM MILL.) IN FIELD PRODUCTION	2009	GajcWolska J, Radzanowska J, Łyszkowska M	Acta Scientiarum Polonorum, Hortorum Cultus		8	Productivity and fruit quality	Controlled
THE INFLUENCE OF GRAFTING AND BIOSTIMULATORS ON THE YIELD AND FRUIT QUALITY OF GREENHOUSE TOMATO CV. (LYCOPERSICON ESCULENTUM MILL.) GROWN IN THE FIELD	2010	GajcWolska J, Łyszkowska M, Zielony T	Vegetable Crops Research Bulletin	10.2478/v10032-010-0006-y	12	Productivity and fruit quality	Controlled
THE MECHANISM OF GRAFT TRANSMISSION OF SENSE AND ANTISENSE GENE SILENCING IN TOMATO PLANTS	2006	Shaharuddin Na, Han Y, Li H, Grierson D	Febs Letters	10.1016/j.febslet.2006.11.005	19	Characterization studies	Controlled
THE PATHOGENICITY AND INCREASE OF HETERODERA ROSTOCHIENSIS ON TOMATO CULTIVARS, SELF-ROOTED OR GRAFTED ON TO ROOTSTOCKS.	1972	Hesling Jj, Ellis Pr	Annals of Applied Biology	10.1111/j.1744-7348.1972.tb05089.x	5	Biotic stress	Controlled
THE PECULIARITIES OF VEGETABLE GRAFTING TECHNOLOGY IN GEORGIA	2018	Kakabadze N	Bulletin of The Georgian National Academy of Sciences		0	Productivity and fruit quality	Field
THE POTENTIAL OF TOMATO ROOTSTOCKS IN THE MANAGEMENT OF TRIALEURODES VAPORARIORUM (WESTWOOD)	2019	Mandušić M, Dumičić G, Goreta Ban S, Vuletin Selak G, Žnidarčič D, Jukić Špika M, Urlić B, Žanić K	Scientia Horticulturae	10.1016/j.scienta.2019.108566	0	Biotic stress	Controlled

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THE PROCESSES OF GRAFT UNION FORMATION IN TOMATO	2015	Fan J, Yang R, Li X, Zhao W, Zhao F, Wang S	Horticulture Environment and Biotechnology	10.1007/s13580-015-0009-1	13	Characterization studies	Controlled
THE QUALITY OF 'OXHEART' TOMATO: AGRONOMIC, CHEMICAL AND SENSORY ANALYSIS	2016	Bellaio G, Carnevale E, Bona S, Tosini F	Acta Horticulturae	10.17660/ActaHortic.2016.1123.27	0	Productivity and fruit quality	Controlled
THE REACTION OF MONOGENIC RESISTANT AND SUSCEPTIBLE VARIETIES OF TOMATO TO INOCULATION WITH FUSARIUM OXYSPORUM F. ZYCOPERSICI INTO STEMS OR THROUGH BONNY BEST ROOTSTOCKS	1963	Keyworth Wg	Annals of Applied Biology	10.1111/j.1744-7348.1963.tb03749.x	3	Biotic stress	Controlled
THE ROLE OF ACTIVE AND PASSIVE WATER UPTAKE IN MAINTAINING LEAF WATER STATUS AND PHOTOSYNTHESIS IN TOMATO UNDER WATER DEFICIT	2000	Weng JH	Plant Production Science	10.1626/pps.3.296	13	Abiotic stress	Controlled
THE ROLE OF GRAFTING TOMATO AND WATERMELON ON DIFFERENT ROOTSTOCKS ON THEIR CHEMICAL CONTENTS	2009	Mohammed Smt, Humidan M, Boras M, Abdalla Oa	International Journal of Agricultural Research	10.3923/ijar.2009.362.369	2	Productivity and fruit quality	Controlled
THE ROOTSTOCK EFFECT ON THE TOMATO SALINITY RESPONSE DEPENDS ON THE SHOOT GENOTYPE	2002	SantaCruz A, MartinezRodriguez Mm, PerezAlfocea F, RomeroAranda R, Bolarin Mc	Plant Science	10.1016/S0168-9452(02)00030-4	175	Abiotic stress	Controlled
THE TOMATO MUTANT SPR1 IS DEFECTIVE IN SYSTEMIN PERCEPTION AND THE PRODUCTION OF A SYSTEMIC WOUND SIGNAL FOR DEFENSE GENE EXPRESSION	2003	Lee Gi, Howe Ga	Plant Journal	10.1046/j.1365-313X.2003.01646.x	93	Characterization studies	Controlled
THE TOMATO PLASTIDIC FRUCTOKINASE SLFRK3 PLAYS A ROLE IN XYLEM DEVELOPMENT	2016	Stein O, DamariWeissler H, Secchi F, Rachamilevitch S, German Ma, Yeselson Y, Amir R, Schaffer A, Holbrook Nm, Aloni R, Zwieniecki Ma, Granot D	New Phytologist	10.1111/nph.13705	24	Characterization studies	Controlled
THE USE OF A TOMATO LANDRACE AS ROOTSTOCK IMPROVES THE RESPONSE OF COMMERCIAL TOMATO UNDER WATER DEFICIT CONDITIONS	2020	FullanaPericàs M, Conesa Mà, RibasCarbó M, Galmés J	Agronomy	10.3390/agronomy10050748	2	Abiotic stress	Controlled
THE VEGETATIVE GRAFTING EFFECT ON INCREASING TOMATO FRUIT QUALITY	2020	Mavlyanova Rf, Lyan Ee, Karimov Ba, Dubinin Bv	Iop Conference Series: Earth and Environmental Science	10.1088/1755-1315/613/1/012077	2	Productivity and fruit quality	Controlled

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TOMATO AND EGGPLANT SCIONS INFLUENCE THE EFFECT OF ROOTSTOCK UNDER NA <sub>2</sub> SO <sub>4</sub> SALINITY	2014	Giuffrida F, Cassaniti C, Leonardi C	Acta Agriculturae Scandinavica Section B: Soil and Plant Science	10.1080/09064710.2014.953989	6	Abiotic stress	Controlled
TOMATO AND MELON MELOIDOGYNE RESISTANT ROOTSTOCKS IMPROVE CROP YIELD BUT MELON FRUIT QUALITY IS INFLUENCED BY THE CROPPING SEASON	2020	Expósito A, Pujolà M, Achaerandio I, Giné A, Escudero N, Fullana Am, Cunqueiro M, LozaAlvarez P, Sorribas Fj	Frontiers In Plant Science	10.3389/fpls.2020.560024	2	Productivity and fruit quality	Controlled
TOMATO FRUIT YIELD AND QUALITY AS AFFECTED BY GRAFTING AND GROWING SYSTEM	2007	Qaryouti Mm, Qawasmi W, Hamdan H, Edwan M	Acta Horticulturae		26	Productivity and fruit quality	Controlled
TOMATO GRAFTED AND CULTIVATED IN SALINE MEDIUM AND ITS RELATION ON NUTRACEUTICAL COMPOUNDS OF THE FRUITS	2020	LeonCalvario I, La Fuente Mc, BenavidesMendoza A, JuárezMaldonado A, SandovalRangel A	Pakistan Journal of Botany	10.30848/PJB2020-3(6)	1	Abiotic stress	Controlled
TOMATO GRAFTING ON ROOTSTOCK OF JILO, COCONA AND JURUBEBA	2019	Guimarães Ma, Garcia Mfn, Tello Jpj, Lemos Neto Hs, Lima Neto Bp, Rabelo Jds	Horticultura Brasileira	10.1590/s0102-053620190203	1	Characterization studies	Controlled
TOMATO GRAFTING ONTO SOLANACEAE GENOTYPES TO CONTROL BACTERIAL WILT (RALSTONIA SOLANACEARUM SMITH 1896)	2020	Carvalho Ltds, Melo Dm, Vargas Pf, Santos Hca, Ferreira Jv	Pesquisa Agropecuaria Tropical	10.1590/1983-40632020v5063476	0	Biotic stress	Controlled
TOMATO GRAFTING ONTO TORUBAMU (SOLANUM MELONGENA): MIR166A AND MIR395B REDUCE SCION CD ACCUMULATION BY REGULATING SULFUR TRANSPORT	2020	He L, Wang H, Zhao Q, Cheng Z, Tai P, Liu W	Plant and Soil	10.1007/s11104-020-04564-7	6	Abiotic stress	Controlled
TOMATO ROOTSTOCK BREEDING: EVALUATION OF TOMATO INTERSPECIFIC HYBRID ROOTSTOCKS UNDER GREENHOUSE CONDITIONS	2020	Mahmoud Ama	Horticulture Journal	10.2503/hortj.UTD-199	1	Productivity and fruit quality	Controlled
TOMATO ROOTSTOCKS AND THE CONTROL OF PHYTOPHTHORA ROOT ROT	1966	Upstone Me, Finney J	Plant Pathology	10.1111/j.1365-3059.1966.tb00314.x	1	Biotic stress	Controlled
TOMATO SALT TOLERANCE: IMPACT OF GRAFTING AND WATER COMPOSITION ON YIELD AND ION RELATIONS	2015	Semiz Gd, Suarez Dl	Turkish Journal of Agriculture and Forestry	10.3906/tar-1412-106	14	Abiotic stress	Controlled
TOMATO SUSCEPTIBILITY TO FUSARIUM CROWN AND ROOT ROT: EFFECT OF GRAFTING COMBINATION AND PROTEOMIC ANALYSIS OF	2014	Vitale A, Rocco M, Arena S, Giuffrida F, Cassaniti C, Scaloni A, Lomaglio T, Guarnaccia V, Polizzi G, Marra M, Leonardi C	Plant Physiology and Biochemistry	10.1016/j.plaphy.2014.08.006	27	Biotic stress	Controlled

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TOLERANCE EXPRESSION IN THE ROOTSTOCK								
TRANSCRIPTIONAL EVIDENCE FOR CROSS TALK BETWEEN JA AND ET OR SA DURING ROOT-KNOT NEMATODE INVASION IN TOMATO	2018	Zhao W, Zhou X, Lei H, Fan J, Yang R, Li Z, Hu C, Li M, Zhao F, Wang S	Physiological Genomics	10.1152/physiolgenomics.00079.2017	4	Biotic stress	Controlled	
TRANSMISSION OF RNA SILENCING SIGNAL THROUGH GRAFTING CONFERS VIRUS RESISTANCE FROM TRANSGENICALLY SILENCED TOBACCO ROOTSTOCKS TO NON-TRANSGENIC TOMATO AND TOBACCO SCIONS	2016	Ali Me, Waliullah S, Kobayashi K, Yaeno T, Yamaoka N, Nishiguchi M	Journal of Plant Biochemistry and Biotechnology	10.1007/s13562-015-0334-6	5	Abiotic stress	Controlled	
TRANSPORT TRACER IN PHLOEM BETWEEN SCION AND STOCK OF GRAFT TOMATO	2011	Chen H, Du X, Lei H, Wang S	2011 International Conference On Remote Sensing, Environment and Transportation Engineering, Rsete 2011 - Proceedings	10.1109/RSETE.2011.5964211	0	Characterization studies	Controlled	
TRIALS TO OVERCOME THE INCOMPATIBILITY OF CROSSES BETWEEN LYCOPERSICUM ESCULENTUM AND LYCOPERSICUM GLANDULOSUM BY REPEATED GRAFTING	1959	Szteyn K	Euphytica	10.1007/BF00022433	0	Characterization studies	Controlled	
UNDERSTANDING THE MECHANISMS OF GRAFT UNION FORMATION IN SOLANACEAE PLANTS USING IN VITRO TECHNIQUES	2010	Kawaguchi M, Backhouse D, Tapingkae T, Taji A	Acta Horticulturae		0	Characterization studies	Controlled	
UTILIZATION OF GRAFTED TOMATO SEEDLINGS FOR BACTERIAL WILT RESISTANCE IN OPEN FIELD PRODUCTION	2011	Freeman J, Mcavoy T, Rideout S, Paret M, Olson S	Acta Horticulturae	10.17660/actahortic.2011.914.61	1	Biotic stress	Field	
VARIATION OF PLANT GROWTH AND MACRONUTRIENT UPTAKE IN GRAFTED TOMATOES AND EGGPLANTS ON THREE DIFFERENT ROOTSTOCKS	2006	Leonardi C, Giuffrida F	European Journal of Horticultural Science		107	Productivity and fruit quality	Controlled	
VISUALIZATION OF VESSELS IN TOMATO SEEDLINGS USING GIRDLING	2011	Nishiura Y, Mikubo N, Wada T	Engineering In Agriculture, Environment and Food	10.1016/S1881-8366(11)80019-4	0	Economy and technology	Controlled	
WATER AND FERTILIZERS USE EFFICIENCY IN GRAFTED AND NON GRAFTED TOMATO PLANTS ON SOILLESS CULTURE	2008	Lykas Ch, Kittas C, Zambeka A	Acta Horticulturae	10.17660/actahortic.2008.801.191	7	Abiotic stress	Controlled	

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WATER AND NUTRIENT UPTAKE OF GRAFTED TOMATO PLANTS GROWN UNDER SALINE CONDITIONS	2002	FernándezGarcía N, Martínez V, Cerdá A, Carvajal M	Journal of Plant Physiology	10.1078/0176-1617-00652	76	Abiotic stress	Controlled
WATER STRESS DETECTION IN GRAFTED AND NON-GRAFTED GREENHOUSE TOMATO PLANTS BY CHLOROPHYLL FLUORESCENCE PARAMETERS	2009	Delshad M, Kashi Ak, Babalar M, Dorais M, Gosselin A	Acta Horticulturae	10.17660/ActaHortic.2009.807.96	0	Abiotic stress	Controlled
WATER TRANSFER AT GRAFT UNION OF TOMATO PLANTS GRAFTED ONTO SOLANUM ROOTSTOCKS	2005	Oda M, Maruyama M, Mori G	Journal of The Japanese Society For Horticultural Science	10.2503/jjshs.74.458	28	Characterization studies	Controlled
WEED COMPETITIVENESS AND HERBICIDAL SENSITIVITY OF GRAFTED TOMATOES (SOLANUM LYCOPERSICON MILL.)	2010	Ghosheh H, AlKawamleh M, Makhadmeh I	Journal of Plant Protection Research	10.2478/v10045-010-0053-x	7	Characterization studies	Both
YIELD AND DISEASE RESISTANCE FOR THREE BACTERIAL WILT-RESISTANT TOMATO ROOTSTOCKS	2019	Suchoff Dh, Louws Fj, Gunter Cc	Horttechnology	10.21273/HORTTECH04318-19	7	Biotic stress	Field
YIELD AND DRY MATTER PRODUCTION OF A JAPANESE TOMATO 'MOMOTARO YORK' ARE IMPROVED BY GRAFTING ONTO A DUTCH ROOTSTOCK 'MAXIFORT'	2014	Higashide T, Nakano A, Yasuba KI	Journal of The Japanese Society For Horticultural Science	10.2503/jjshs1.CH-048	13	Productivity and fruit quality	Controlled
YIELD QUANTITATIVE TRAIT LOCI FROM WILD TOMATO ARE PREDOMINATELY EXPRESSED BY THE SHOOT	2011	Gur A, Semel Y, Osorio S, Friedmann M, Seekh S, Ghareeb B, Mohammad A, Pleban T, Gera G, Fernie Ar, Zamir D	Theoretical and Applied Genetics	10.1007/s00122-010-1456-9	30	Characterization studies	Controlled
YIELD, NUTRIENTS, AND ANTIOXIDANTS OF TOMATO IN RESPONSE TO GRAFTING AND SUBSTRATE	2010	Neocleous D	International Journal of Vegetable Science	10.1080/19315260903557452	9	Productivity and fruit quality	Controlled
YIELD, WATER-, AND NITROGEN-USE EFFICIENCY IN FIELD-GROWN, GRAFTED TOMATOES	2013	Djidonou D, Zhao X, Simonne Eh, Koch Ke, Erickson Je	Hortscience	10.21273/hortsci.48.4.485	54	Abiotic stress	Field
					8676		