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ScopusID: 7004561093

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Education Information

Doctorate, University of Nebraska-Lincoln, Ziraat Fakültesi, Bahçe Bitkileri, United States Of America 1999 - 2002

Postgraduate, University of Nebraska-Lincoln, Ziraat Fakültesi, Bahçe Bitkileri, United States Of America 1997 - 1998

Foreign Languages

English, C1 Advanced

Dissertations

Postgraduate, Biberde patates Y virüsüne dayanıklılık veren PVR4 genine bağlı moleküler markır geliştirilmesi, Akdeniz University, Fen Bilimleri Enst, Tarımsal Biyoteknoloji, 2015

Research Areas

Agricultural Sciences, Agriculture, Garden Plants, Biotechnology and Genetics

Academic Titles / Tasks

Associate Professor, Akdeniz University, Faculty of Agriculture, Tarımsal Biyoteknoloji, 2009 - Continues

Assistant Professor, University of Nebraska-Lincoln, Biyoteknoloji, Biyokimya, 2008 - 2009

Lecturer PhD, University of Nebraska-Lincoln, Biyoteknoloji, Biyokimya, 2002 - 2004

Advising Theses

MUTLU N., Biberde (*Capsicum annuum* L.) çinko etkinliğinin belirlenmesi ve haritalanması, Postgraduate, C.Şimşek(Student), 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Genetic Diversity, Population Structure, and Association Analysis of Female and Male Fig Genotypes (*Ficus carica* L.)**
İKTEN H., Gülşen O., MUTLU N., POLAT İ., Aksoy U.
Erwerbs-Obstbau, vol.65, no.5, pp.1603-1616, 2023 (SCI-Expanded)
- II. **Mapping QTLs for Super-Earliness and Agro-Morphological Traits in RILs Population Derived from Interspecific Crosses between *Pisum sativum* × *P. fulvum***
Sari H., Eker T., TOSUN H. Ş., MUTLU N., Celik I., TOKER C.
Current Issues in Molecular Biology, vol.45, no.1, pp.663-676, 2023 (SCI-Expanded)
- III. **Assessment of the genetic diversity and population structure of *Vaccaria hispanica* (Mill.) Rauschert germplasms of Türkiye based on SRAP and SSR markers**
İKTEN H., Solak S. S., Yilmaz Y., MUTLU N., ARI E., DENİZ İ. G., GENÇ İ.
Turkish Journal of Agriculture and Forestry, vol.47, no.6, pp.983-998, 2023 (SCI-Expanded)
- IV. **Inheritance of androgenesis response in pepper**
Denli N., Ata A., Keleş D., MUTLU N., TAŞKIN H.
Molecular Biology Reports, vol.49, no.12, pp.11601-11609, 2022 (SCI-Expanded)
- V. **Development of molecular markers linked to QTL/genes controlling Zn efficiency**
PINAR H., Bulbul C., Simsek D., Shams M., MUTLU N., ERCİŞLİ S.
Molecular Biology Reports, vol.49, no.6, pp.5273-5281, 2022 (SCI-Expanded)
- VI. **Drought resistance of bermudagrass accessions collected from eastern mediterranean**
Mutlu S. S., MUTLU N., Karaguzel O., Sari H., Shearman R. C.
European Journal of Horticultural Science, vol.87, no.3, 2022 (SCI-Expanded)
- VII. **Morphological and agronomic characterization of Turkish *Vaccaria hispanica* (Mill.) Rauschert populations**
Ari E., Mutlu N., Soylu I., Bedir H., Genç I., Deniz I. G.
Turkish Journal of Agriculture and Forestry, vol.46, no.6, pp.933-946, 2022 (SCI-Expanded)
- VIII. **Enhancement of embryogenesis in freshly isolated microspore cultures of ornamental kale through direct cold shock treatment**
Ari E., Bedir H., Mutlu N.
SCIENTIA HORTICULTURAE, vol.280, 2021 (SCI-Expanded)
- IX. **Transferring the cultured anther to a medium without activated charcoal overcomes the recalcitrance in pepper genotypes**
PINAR H., MUTLU N., Yildiz S., Simsek D., Shams M.
CANADIAN JOURNAL OF PLANT SCIENCE, vol.101, no.2, pp.151-156, 2021 (SCI-Expanded)
- X. **Evaluation of bermudagrass [*Cynodon* (L.) Rich] accessions with different ploidy levels**
Bulbul C., SEVER MUTLU S., MUTLU N., Gulsen O.
TURKISH JOURNAL OF BOTANY, vol.45, no.4, pp.315-327, 2021 (SCI-Expanded)
- XI. **Genetic variation and population differentiation of *Dorystaechas hastata* endemic to Turkey: Implications for conservation management**
SELİM C., SEVER MUTLU S., MUTLU N., DENİZ İ. G., MEYDAN H.
TURKISH JOURNAL OF BOTANY, vol.45, no.4, pp.288-305, 2021 (SCI-Expanded)
- XII. **Genome Size and Genetic Diversity of Some *Ornithogalum* Species**
KARAGÜZEL Ö., MUTLU N., GÖKTÜRK R. S., TUNA M., BOYACI F.
Fresenius Environmental Bulletin, vol.29, no.1, pp.107-113, 2020 (SCI-Expanded)
- XIII. **Development of vegetative triploid turf-type bermudagrass [*Cynodon dactylon* x *C. transvaalensis* (*C. x mangennisii* Hurcombe)]**
SEVER MUTLU S., MUTLU N., Tokgöz S., ÇAKIR M., SELİM C.
GENETIC RESOURCES AND CROP EVOLUTION, vol.67, no.1, pp.177-189, 2020 (SCI-Expanded)
- XIV. **Construction of genetic linkage map for *Ficus carica* L. based on AFLP, SSR, and SRAP markers**
İKTEN H., Solak S. S., Gulsen O., MUTLU N., İKTEN C.

HORTICULTURE ENVIRONMENT AND BIOTECHNOLOGY, vol.60, no.5, pp.701-709, 2019 (SCI-Expanded)

- XV. **Genetic Identification and Conservation of Local Turkish Grapevine (*Vitis vinifera* L.) Genotypes on the Edge of Extinction**
SABIR A., İKTEN H., MUTLU N., SARI YOL D.
ERWERBS-OBSTBAU, vol.60, no.1, pp.31-38, 2018 (SCI-Expanded)
- XVI. **Cry1Ac-mediated resistance to tomato leaf miner (*Tuta absoluta*) in tomato**
Selale H., DAĞLI F., MUTLU N., Doganlar S., Frary A.
PLANT CELL TISSUE AND ORGAN CULTURE, vol.131, no.1, pp.65-73, 2017 (SCI-Expanded)
- XVII. **Genetic Identification and Conservation of Local Turkish Grapevine (*Vitis vinifera* L.) Genotypes on the Edge of Extinction.**
Sabir A., İKTEN H., MUTLU N., SARI D.
ERWERBS-OBSTBAU, no.59, pp.1-8, 2017 (SCI-Expanded)
- XVIII. **Comparison of different androgenesis protocols for doubled haploid plant production in ornamental pepper (*Capsicum annuum* L.)**
Ari E., Yildirim T., Mutlu N., Büyükalaca S., Gökmen U., Akman E.
TURKISH JOURNAL OF BIOLOGY, vol.40, no.4, pp.944-954, 2016 (SCI-Expanded)
- XIX. **Genetic relationships among the genera *Cicer* L., *Lathyrus* L., *Lens* Mill., and *Vicia* L., together with similarity of *Lens* taxa based on morphological and AFLP markers**
Yıldızdoğan Z., İKTEN C., MUTLU N., TOKER C.
TURKISH JOURNAL OF BOTANY, vol.40, no.6, pp.566-575, 2016 (SCI-Expanded)
- XX. **Assessment of resistance gene analog, peroxidase, and WRKY gene polymorphisms in the genus *Lens* Miller**
Sari D., MUTLU N., TOKER C.
TURKISH JOURNAL OF BOTANY, vol.40, no.2, pp.121-129, 2016 (SCI-Expanded)
- XXI. **Creation of variation through gamma irradiation and polyploidization in *Vitex agnus-castus* L.**
Ari E., Djapo H., Mutlu N., Gurbuz E., Karagüzel O.
SCIENTIA HORTICULTURAE, vol.195, pp.74-81, 2015 (SCI-Expanded)
- XXII. **Development of co-dominant SCAR markers linked to resistant gene against the *Fusarium oxysporum* f. sp. *radicis-lycopersici***
MUTLU N., Demirelli A., İLBİ H., İKTEN C.
Theoretical and Applied Genetics, vol.128, no.9, pp.1791-1798, 2015 (SCI-Expanded)
- XXIII. **Broadening the Genetic Base of Bermudagrass**
Mutlu S., MUTLU N., SELİM C., HOCAGIL M. M.
EUROPEAN JOURNAL OF HORTICULTURAL SCIENCE, vol.79, no.3, pp.183-194, 2014 (SCI-Expanded)
- XXIV. **Effects of Seasonal Trinexapac-Ethyl Application on Warm-season Turfgrass Species Growth under Mediterranean Environment**
Severmutlu S., MUTLU N., GURBUZ E., SHEARMAN R. C., RIORDAN T. P.
EUROPEAN JOURNAL OF HORTICULTURAL SCIENCE, vol.77, no.6, pp.279-287, 2012 (SCI-Expanded)
- XXV. **Effects of Seasonal Trinexapac-Ethyl Application on Warm-season Turfgrass Colour, Quality and Spring Green-up under Mediterranean Environment**
Severmutlu S., MUTLU N., GURBUZ E., SHEARMAN R. C., RIORDAN T. P.
EUROPEAN JOURNAL OF HORTICULTURAL SCIENCE, vol.77, no.5, pp.226-236, 2012 (SCI-Expanded)
- XXVI. **Drought Resistance of Warm-season Turfgrasses Grown in Mediterranean Region of Turkey**
Severmutlu S., MUTLU N., GÜRBÜZ E., Gulsen O., HOCAGİL M., KARAGÜZEL O., Heng-Moss T., Shearman R. C., Gaussoin R. E.
HORTTECHNOLOGY, vol.21, no.6, pp.726-736, 2011 (SCI-Expanded)
- XXVII. **Drought resistance of warm-season turfgrasses grown in Mediterranean of Turkey**
SEVER MUTLU S., MUTLU N., GÜRBÜZ E., GÜLŞEN O., HOCAGİL M., KARAGÜZEL O., HENG MOSS T. M., Shearman R. C., GAUSSOIN R. E.
HORTTECHNOLOGY, vol.21, no.6, 2011 (SCI-Expanded)
- XXVIII. **Estimating optimum number of marker loci for genetic analyses in *Cynodon* accessions**

- Gulsen O., Sever-Mutlu S., MUTLU N., KARAGÜZEL O., Hocagil M. M.
BIOCHEMICAL SYSTEMATICS AND ECOLOGY, vol.39, no.4-6, pp.906-909, 2011 (SCI-Expanded)
- XXIX. **Establishment and Turf Qualities of Warm-season Turfgrasses in the Mediterranean Region**
Severmutlu S., MUTLU N., SHEARMAN R. C., GÜRBÜZ E., Gulsen O., HOCAGİL M., KARAGÜZEL O., Heng-Moss T. M., Riordan T. P., GAUSSOIN R. E.
HORTTECHNOLOGY, vol.21, no.1, pp.67-81, 2011 (SCI-Expanded)
- XXX. **Breeding for Abiotic Stresses**
Toker C., MUTLU N.
BIOLOGY AND BREEDING OF FOOD LEGUMES, pp.241-261, 2011 (SCI-Expanded)
- XXXI. **AFLP and SRAP markers linked to the mj gene for root-knot nematode resistance in cucumber**
Devran Z., Fırat A. F., Tör M., MUTLU N., ELEKCİOĞLU İ. H.
SCIENTIA AGRICOLA, vol.68, no.1, pp.115-119, 2011 (SCI-Expanded)
- XXXII. **Establishment and turf qualities of warm-season turfgrasses in the Mediterranean region**
SEVER MUTLU S., MUTLU N., SHEARMAN R. C., GÜRBÜZ E., GÜLŞEN O., HOCAGİL M., KARAGÜZEL O., Heng-Moss T. M., Riordan T. P., GAUSSOIN R. E.
HORTTECHNOLOGY, vol.21, no.1, 2011 (SCI-Expanded)
- XXXIII. **Response of tomato rootstocks with the Mi resistance gene to Meloidogyne incognita race 2 at different soil temperatures**
Devran Z., Sogut M. A., MUTLU N.
PHYTOPATHOLOGIA MEDITERRANEA, vol.49, no.1, pp.11-17, 2010 (SCI-Expanded)
- XXXIV. **Elucidating genetic relationships, diversity and population structure among the Turkish female figs**
İKTEN H., Mutlu N., Gulsen O., Kocataş H., Aksoy U.
GENETICA, vol.138, no.2, pp.169-177, 2010 (SCI-Expanded)
- XXXV. **IDENTIFICATION AND GENETIC DIVERSITY OF MELOIDOGYNE CHITWOODI IN POTATO PRODUCTION AREAS OF TURKEY**
Devran Z., Mutlu N., Ozarslandan A., ELEKCİOĞLU İ. H.
NEMATROPICA, vol.39, no.1, pp.75-83, 2009 (SCI-Expanded)
- XXXVI. **Polyploidy creates higher diversity among Cynodon accessions as assessed by molecular markers**
Gulsen O., Sever-Mutlu S., Mutlu N., Tuna M., KARAGÜZEL O., SHEARMAN R. C., RIORDAN T. P., HENG-MOSS T. M.
THEORETICAL AND APPLIED GENETICS, vol.118, no.7, pp.1309-1319, 2009 (SCI-Expanded)
- XXXVII. **Dicamba Resistance: Enlarging and Preserving Biotechnology-Based Weed Management Strategies.**
Behrens M. R., MUTLU N., Chakraborty S., Dumitru R., Jiang W., LaVallee B., Herman P., Clemente T., Weeks D.
SCIENCE, vol.316, pp.1185-1188, 2007 (SCI-Expanded)
- XXXVIII. **Confirmation of molecular markers and flower color associated with QTL for resistance to common bacterial blight in common beans**
MUTLU N.
J-Am-Soc-Hortic-Sci, vol.124, no.5, pp.519-526, 1999 (SCI-Expanded)

Articles Published in Other Journals

- I. **Engineering, production, and immunogenicity studies of a truncated form of rabies virus glycoprotein produced in Nicotiana benthamiana plant**
mammedova g., GÜRBÜZASLAN İ., YÜKSEL D., GÜN N., MUTLU N., Hasanova G., MAMMEDOV T.
Medicine Science, vol.11, 2022 (Peer-Reviewed Journal)
- II. **Domateste kök ve kök boğazı çürüklüğüne neden olan Fusarium oxysporum f.sp. radicle lycopersici'ye dayanıklılığın kalıtımı.**
KABAŞ A., İLBİ H., Mutlu N., Ünlü A.
DERİM, vol.29, pp.1-8, 2012 (Peer-Reviewed Journal)
- III. **Karpuzda Fusarium Solgunluğuna Dayanıklılığın Moleküler Markör Yardımıyla Belirlenmesi Alatarım Dergisi.**

MUTLU N.

Alatırım Dergisi, vol.0, 2012 (Peer-Reviewed Journal)

IV. **Bitki Biliminde Kullanılan Genetik Markırlar ve Kullanım Alanları.**

MUTLU N.

Alatırım Dergisi, vol.4, no.2, pp.27-37, 2005 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Breeding for abiotic stresses**

MUTLU N.

in: CAB International, A. Pratap and J. Kumar, Editor, Biology And Breeding Of Food Legumes Chapter, Nebraska, 2011

Refereed Congress / Symposium Publications in Proceedings

I. **Development of Sulfonylurea (Su) Group Herbicide Resistant Ornamental Sunflower Lines**

Sancar B., SEVER MUTLU S., MUTLU N., Çil A. N., Karabeniz A., Bostan A. B.

4.International Plant Breeding Congress, Antalya, Turkey, 21 - 25 November 2022

II. **Breeding Sterile (male sterile) Ornamental Sunflower Lines Resistance to Imidazolinone (IMI) Group Herbicides and Downy Mildew Disease**

Karabeniz A., SEVER MUTLU S., MUTLU N., Çil A. N., Sancar B., Bostan A. B.

4.International Plant Breeding Congress, Antalya, Turkey, 21 November 2022

III. **Engineering soybean for improved photosynthetic performance, drought tolerance, and yield using C4 enzymes from Cyanobacteria**

MUTLU N.

Symposium on Plants for the Future, University of Missouri, United States Of America, vol.0

IV. **Engineering soybean for improved photosynthetic performance, drought tolerance, and yield using C4 enzymes from Cyanobacteria**

MUTLU N.

Water for Food International Conference: Paths to Solutions, United States Of America, vol.0

V. **. Progress in Backcross breeding with RAPD molecular markers to pyramid QTLs for resistance to common bacterial blight in Pinto and Great Northern Beans.**

MUTLU N.

Hortscience, United States Of America, vol.3, no.456, pp.36

VI. **Transgenic approaches towards improvement of productivity in soybean.**

MUTLU N.

Plant Science Retreat, University of Nebraska Lincoln, United States Of America, vol.0

VII. **Transgenic approaches towards improvement of productivity in soybean.**

MUTLU N.

13th Biennial Molecular & Cellular Biology of the Soybean Conference, United States Of America, vol.0

VIII. **Bazı Karpuz Çeşit ve Genotiplerinde Fusarium Solgunluğunun (Fusarium oxysporum f. sp. Niveum) 1 Numaralı Irkına Dayanıklılığın SCAR Markırı (P01-700) ile Belirlenmesi**

MUTLU N.

VI.Bahçe Bitkileri Kongresi, Şanlıurfa, Turkey

IX. **) Enhancing soybean photosynthetic carbon metabolism using plastid-targeted cyanobacterial genes, ictB and FBP/SBPase.**

MUTLU N.

UNL Plant Science Symposium, University of Nebraska, United States Of America, vol.0

X. **Engineering soybean for improved photosynthetic performance, drought tolerance, and yield using**

C4 enzymes from Cyanobacteria

MUTLU N.

Symposium on Plants for the Future, University of Missouri, United States Of America, vol.1, pp.1

- XI. **Bazı Elit Domates Hatlarında Mi Dayanıklılık Geninin Moleküler Markırlarla Belirlenmesi**
MUTLU N.
VI.Bahçe Bitkileri Kongresi, Şanlıurfa, Turkey
- XII. **Cloning, sequencing, and mapping of P loop containing genes for disease resistance in *Phaseolus vulgaris* L.**
MUTLU N.
Hortscience, United States Of America, vol.3, no.562, pp.36
- XIII. **Transgenic approaches towards improvement of productivity in soybean**
MUTLU N.
Vth International Congress on Legume Genetics and Genomics, Asilomar Conference Grounds in Pacific Grove, United States Of America, vol.0
- XIV. **Backcross Breeding with RAPD Molecular Markers to Enhance Resistance to Common Bacterial Blight in Pinto Beans**
MUTLU N.
-, United States Of America, vol.3, no.453, pp.34
- XV. **Transgenic approaches towards improvement of productivity in soybean**
MUTLU N.
Plant Science Retreat, University of Nebraska Lincoln, United States Of America, vol.0
- XVI. **Association Mapping for Sex and fruit characteristics in *Ficus carica***
MUTLU N.
Hortscience, United States Of America, vol.43, no.4, pp.1117
- XVII. **Identification of races of *Xanthomonas campestris* pv. *phaseoli* and establishment of the first common bacterial blight differential *Phaseolus vulgaris* lines**
MUTLU N.
, University of Nebraska-Lincoln. Phytopathology, United States Of America, vol.94, no.73
- XVIII. **Enhancing soybean photosynthetic carbon metabolism using plastid-targeted cyanobacterial genes, *ictB* and *FBP/SBPase*.**
MUTLU N.
University & Industry Consortium, University of Nebraska, United States Of America, vol.0
- XIX. **Improving soybean drought resistance through biotechnology**
MUTLU N.
Water for Food International Conference, Lincoln, NE, USA. Outstanding merit, United States Of America, vol.0
- XX. **Confirmation of Molecular Markers and Flower Color Associated with QTL for Resistance to Common Bacterial Blight in Common Beans.**
MUTLU N.
-, United States Of America, vol.3, no.454, pp.34
- XXI. **Genome size variation among native bermudagrass [*Cynodon dactylon* (L.) Pers.] genotypes sampled from Turkey.**
MUTLU N.
Eucarpia conference, Proceedings of XIXth congress of Fodder crops and Amenity grasses, Denmark
- XXII. **Engineering soybean for improved photosynthetic performance, drought tolerance, and yield using C4 enzymes from Cyanobacteria**
MUTLU N.
Symposium on Plants for the Future, University of Missouri, United States Of America, vol.0
- XXIII. **Evaluation of hybrid zoysiagrasses for establishment rate**
SUBAŞI Z. D., SANCAR B., MUTLU N., GÜLGÜN A., SEVER MUTLU S.
I. International Ornamental Plant Congress, Bursa, Turkey, 9 - 11 October 2019, vol.1, pp.947-951
- XXIV. **Development of Evergreen Hybrid Zoysiagras**

- SEVER MUTLU S., SELİM C., MUTLU N., IRKÖRÜCÜ D.
I. International Ornamental Plant Congress, Bursa, Turkey, 9 October - 11 September 2019, vol.1, pp.256
- XXV. **Biotechnology Assisted Breeding Infrastructure Studies at *Vaccaria Hispanica* (Mill.) Rauschert**
ARI E., İKTEN H., MUTLU N., BEDİR H., TOPUZ A., ÇAM İ. B., BALCI TORUN F., DENİZ İ. G., GENÇ İ.
II. International Green Biotechnology Congress, İstanbul, Turkey, 9 - 11 September 2019
- XXVI. **Biotechnology Assisted Breeding Infrastructure Studies at *Vaccaria hispanica* (Mill.) Rauschert**
ARI E., İKTEN H., MUTLU N., BEDİR H., TOPUZ A., ÇAM İ. B., BALCI TORUN F., DENİZ İ. G., GENÇ İ.
II. International Green Biotechnology Congress, İstanbul, Turkey, 9 - 11 September 2019, pp.16-17
- XXVII. **Biotechnology Assisted Breeding Infrastructure Studies at *Vaccaria hispanica* (Mill.) Rauschert**
ARI E., İKTEN H., MUTLU N., BEDİR H., TOPUZ A., ÇAM İ. B., BALCI TORUN F., DENİZ İ. G., GENÇ İ.
II. International Green Biotechnology Congress, Turkey, 09 September 2019
- XXVIII. **Hybrid Turf Type Zoysiagrass Breeding**
SEVER MUTLU S., MUTLU N., KARABENİZ A., YEMŞEN S. N., ŞİMŞEK C., GÜLGÜN A.
Uluslararası Katılımlı Türkiye 6.Tohumculuk Kongresi, Niğde, Turkey, 10 - 13 September 2018, vol.1, pp.4
- XXIX. **Doubled Haploid Plant Regeneration from Microspore Cultures of *Brassica napus* L. Grown in Greenhouse Conditions in Antalya**
ARI E., BEDİR H., ŞİMŞEK C., MUTLU N., KULA N.
International Agricultural, Biological & Life Science Conference, Edirne, Turkey, 2 - 05 September 2018, pp.530
- XXX. **Evaluation of Vegetative Bermudagrasses for Traffic Tolerance**
SEVER MUTLU S., MUTLU N., IRKÖRÜCÜ D., SANCAR B., BAHAR T.
XXX. International Horticulture Congress:IHC2018- IV. International Conference on Turfgrass Management and Science for sports fields, İstanbul, Turkey, 12 - 19 August 2018, pp.1
- XXXI. **Relationship between transgressive segregations and genetic distances based on SRR markers in *Pisum* species**
TOKER C., BAKIR M., SARI H., Sari D., Adak A., Eker T., ÇANCI H., MUTLU N., Smykal P.
European Biotechnology Congress, Athens, Greece, 26 - 28 April 2018, vol.280
- XXXII. **Evaluation of experimental seeded type bermudagrasses as influenced by mowing height and simulated traffic under Mediterranean Climate**
SEVER MUTLU S., MUTLU N., SANCAR B., IRKÖRÜCÜ D., HOCAGİL M., BAHAR T.
IV. International Agriculture Congress, Nevşehir, Turkey, Nevşehir, Turkey, 5 - 08 July 2018
- XXXIII. **Turfgrass performance of experimental hybrid bermudagrasses from Akdeniz University**
SEVER MUTLU S., MUTLU N., IRKÖRÜCÜ D., SANCAR B.
IV. International Agriculture Congress, Nevşehir, Turkey, 5 - 08 July 2018
- XXXIV. **Breeding vegetative turf-type bermudagrass cultivars**
SEVER MUTLU S., MUTLU N., Tokgöz S., ÇAKIR M., SELİM C.
IV. International Agriculture Congress, Nevşehir, Turkey, 5 - 08 July 2018, vol.1, pp.54
- XXXV. **Isolated Microspore Cultures of Ornamental Cabbages (*Brassica oleracea* var. *acephala*)**
ARI E., BEDİR H., MUTLU N.
International Agricultural Science Congress, Van, Turkey, 9 - 12 May 2018, pp.26
- XXXVI. **SSR Markers Determine Hybrid Half-sib Bermudagrass Progenies Developed Through Inter- and Intraspecific Hybridizations**
ŞİMŞEK C., MUTLU N., SEVER MUTLU S., IRKÖRÜCÜ D.
III. International Plant Breeding Congress, 15 - 19 October 2017
- XXXVII. **Seeded type bermudagrass Cultivar development,**
SEVER MUTLU S., MUTLU N., IRKÖRÜCÜ D., HOCAGİL M., BAHAR T.
The third International Plant Breeding Congress, Girne, Cyprus (Kktc), 15 October - 19 January 2017
- XXXVIII. **Microspore Culture Studies on Endemic *Conringia grandiflora* Boiss et Heldr. (Brassicaceae)**
ARI E., BEDİR H., MUTLU N.
The Eurasian Agriculture and Natural Sciences Congress, Bışkek, Kyrgyzstan, 20 - 23 September 2017, pp.168
- XXXIX. **Molecular Markers Reveal Population Diffrentiation within *Dorystoechas hastata* Boiss. & Heldr. Ex bentham from Turkey**

SELİM C., SEVER MUTLU S., MUTLU N., MEYDAN H.

The 3rd International Symposium on EuroAsian Biodiversity, Minsk, Belarus, 5 - 08 July 2017, pp.1

- XL. **Molecular Markers Reveal Population Differentiation within *Dorystoechas hastata* Boiss. & Heldr. ex Bentham from Turkey**
SELİM C., SEVER MUTLU S., MUTLU N., DENİZ İ. G., MEYDAN H.
The Third International Sempodium on Euroasian Biodiversity, Minsk, Belarus, 5 - 08 July 2017, pp.158
- XLI. **Molecular Markers Reveal Population Differentiation within *Dorystoechas hastata* Boiss. & Heldr. ex Bentham from Turkey**
SELİM C., SEVER MUTLU S., MUTLU N., DENİZ İ. G., MEYDAN H.
The Third International Sempodium on Euroasian Biodiversity, Minsk, Belarus, 5 - 08 July 2017, pp.158
- XLII. **Molecular Markers Reveal Population Differentiation within *Dorystoechas hastata* Boiss. & Heldr. ex Bentham from Turkey**
SELİM C., SEVER MUTLU S., MUTLU N., DENİZ İ. G., MEYDAN H.
The Third International Sempodium on Euroasian Biodiversity, Minsk, Belarus, 5 - 08 July 2017, pp.158
- XLIII. **Molecular Markers Reveal Population Differentiation within *Dorystoechas hastata* Boiss. & Heldr. ex Bentham from Turkey**
SELİM C., SEVER MUTLU S., MUTLU N., DENİZ İ. G., MEYDAN H.
The Third International Sempodium on Euroasian Biodiversity, Minsk, Belarus, 5 - 08 July 2017, pp.158
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SELİM C., SEVER MUTLU S., MUTLU N., DENİZ İ. G.
The Third International Mediterranean Symposium on Medicinal and Aromatic Plants,, Girne, Cyprus (Kktc), 13 - 16 April 2017, pp.121
- XLV. **Genetic Diversity of *Dorystoechas hastata* Boiss. & Heldr. ex Bentham (Lamiaceae), A Relict Endemic Medicinal and Aromatic Plant From Antalya, Turkey**
SELİM C., SEVER MUTLU S., MUTLU N., DENİZ İ. G.
The Third International Mediterranean Symposium on Medicinal and Aromatic Plants,, Girne, Cyprus (Kktc), 13 - 16 April 2017, pp.121
- XLVI. **Genetic Diversity of *Dorystoechas hastata* Boiss. & Heldr. ex Bentham (Lamiaceae), A Relict Endemic Medicinal and Aromatic Plant From Antalya, Turkey**
SELİM C., SEVER MUTLU S., MUTLU N., DENİZ İ. G.
The Third International Mediterranean Symposium on Medicinal and Aromatic Plants,, Girne, Cyprus (Kktc), 13 - 16 April 2017, pp.121
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İKTEN H., Solak S. S., MUTLU N., ARI E., DENİZ İ. G., GENÇ İ.
European Biotechnology Conference, Latvia, 5 - 07 May 2016, vol.231
- XLVIII. **Bazı *Alkanna Tausch* (Boraginaceae) Taksonları Üzerinde Farklı Genomik DNA İzolasyon Metotlarının Karşılaştırılması**
YAPICI AKÇA B., İKTEN H., MUTLU N., SÜMBÜL H.
5. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Konya, Turkey, 18 - 21 July 2016, pp.72
- XLIX. **Bazı *Alkanna Tausch* (Boraginaceae) Taksonları Üzerinde Farklı Genomik DNA İzolasyon Metotlarının Karşılaştırılması**
Yapıcı Akça B., İKTEN H., MUTLU N., SÜMBÜL H.
Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Konya, Turkey, 18 - 21 July 2016, pp.31
- L. **Genetic Adaptive Morphological and Drought Resistance Variabilities in Eastern Mediterranean Accessions**
SEVER MUTLU S., MUTLU N., KARAGÜZEL O., GÜLŞEN O., Shearman R. C.
5th European Turfgrass Society Conference, Albufeira, Portugal, 5 - 08 June 2016, vol.1, pp.15-16
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ARI E., GOKMEN U., YILDIRIM T., MUTLU N., ISBİLEN Y., AKMAN E., BEDİR H., YILDIRIM S., BANKOGLU M., KULA N.

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YILDIZDOĞAN Z., İKTEN C., MUTLU N., TOKER C.
European Biotechnology Congress, Bucharest, Romania, 7 - 09 May 2015, vol.208
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Türkiye 5. Uluslararası Katılımlı Tohumculuk Kongresi, Diyarbakır, Turkey, 19 - 23 October 2014, pp.260
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SEVER MUTLU S., MUTLU N., SERKAN T., ÇAKIR M., SELİM C.
Balkan Agriculture Congress, Edirne, Turkey, 8 - 11 September 2014, pp.195
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İKTEN H., MUTLU N., Gülşen O., Kocataş H., Polat İ., Aksoy U.
Balkan Agriculture Congress, Edirne, Turkey, 8 - 11 September 2014, vol.1, no.1, pp.185
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ARI E., YILDIRIM S., BEDİR H., BANKOĞLU M., GÖKMEN Ü., GENÇ İ., DENİZ İ. G., MUTLU N., İŞBİLEN Y., KULA N.
Balkan Agriculture Congress, Edirne, Turkey, 8 - 10 September 2014, pp.194
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ARI E., Yıldırım S., Bedir H., Bankoğlu M., Gökmen Ü., Genç İ., DENİZ İ. G., MUTLU N., İşbilen Y., Kula N.
International Balkan Agriculture Congress, Edirne, Turkey, 8 - 11 September 2014, pp.194
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International Plant Breeding Congress, Antalya, Turkey, 10 - 14 November 2013, pp.208
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International Plant Breeding Congress, Antalya, Turkey, 10 - 14 November 2013, pp.208
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İKTEN H., Gülşen O., Solak S. S., İKTEN C., Mutlu N., Kocataş H.
International Plant Breeding Congress, Antalya, Turkey, 10 - 14 November 2013, no.1, pp.511
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Sari D., TOKER C., MUTLU N.
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MUTLU N.

IV. Bitki Koruma Kongresi, Kahramanmaraş, Turkey, 28 - 30 June 2011, pp.28-30

- LXIX. **Manipulating Soybean Photosynthetic Carbon Metabolism via Genetic Transformation**

MUTLU N.

Plant & Animal Genomes XIX Conference, San Diego, United States Of America, 15 - 19 January 2011, vol.0

- LXX. **Molecular identification of root lesion nematodes from Turkey**

Söğüt M. A., DEVRAN Z., MUTLU N., Elekçioğlu İ. H.

COST 872 Workshop & MC Meeting, Lisbon, Portugal, 24 - 27 May 2010, vol.-, pp.67

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SEVER MUTLU S., MUTLU N., TUNA M., HOCAGİL M., GÜLŞEN O., KARAGÜZEL O.

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- LXXII. **Diversity in Morphological Characteristics and Ploidy Levels of Native Cynodon Accessions Originating from the Coastal Mediterranean Region of Turkey**

SEVER MUTLU S., MUTLU N., TUNA M., HOCAGİL M., GÜLŞEN O., KARAGÜZEL O.

GEOMED 2010 The 2nd International Geography Symposium, Turkey, pp.222

- LXXIII. **Diversity in Morphological Characteristics and Ploidy Levels of Native Cynodon Accessions Originating from the Coastal Mediterranean Region of Turkey**

SEVER MUTLU S., MUTLU N., TUNA M., HOCAGİL M., GÜLŞEN O., KARAGÜZEL O.

GEOMED 2010 The 2nd International Geography Symposium, Turkey, pp.222

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Özaslandan A., DEVRAN Z., MUTLU N., Elekçioğlu İ. H.

Türkiye III. Bitki Koruma Kongresi, Van, Turkey, 15 - 18 July 2009, vol.-, pp.35

- LXXVI. **Association Mapping for Sex and fruit characteristics in Ficus carica**

Mutlu N., İKTEN H., Gülşen O., Kocataş H., Aksoy U.

ASHS Annual Conference, Orlando, United States Of America, 21 - 24 July 2008, vol.43, no.4, pp.1117

- LXXVII. **Identification and genetic diversity of Meloidogyne chitwoodi surveyed on potato production areas of Turkey.**

MUTLU N.

Proceedings of the second COST 872 Annual Meeting, Postojna, Slovenia, 26 - 29 May 2008, vol.0

- LXXVIII. **Identification and genetic diversity of Meloidogyne chitwoodi surveyed on potato production areas of Turkey**

DEVRAN Z., MUTLU N., Özaslandan A., Elekçioğlu İ. H.

Proceedings of the Second COST 872 Annual Meeting, Postojna, Slovenia, 26 - 29 May 2008, vol.-, pp.50

- LXXIX. **Hibrit domates çeşitlerinin safiyetlerinin SRAP işaretleyicileriyle belirlenmesi**

DEVRAN Z., MUTLU N., Yurtbahar M., Ülger M.

XV. Ulusal Biyoteknoloji Kongresi, Antalya, Turkey, 28 - 31 October 2007, vol.-, pp.96

- LXXX. **Hibrit domates çeşitlerinin safiyetlerinin SRAP işaretleyicileriyle belirlenmesi.**

MUTLU N.

XV. Ulusal Biyoteknoloji Kongresi, Antalya, Turkey, 28 - 31 October 2007

- LXXXI. **Türkiye'de patates yetiştiriciliğinde çok önemli yeni bir tür: Meloidogyne chitwoodi (Goeldi, 1892, Nemata: Heteroderidae).**

MUTLU N.

Türkiye II. Bitki Koruma Kongresi, Isparta, Turkey, 27 - 29 August 2007, pp.77

- LXXXII. **Türkiye’de patates yetiştiriciliğinde çok önemli yeni bir tür: *Meloidogyne chitwoodi* (Goeldi, 1892, *Nemata: Heteroderidae*)**

Özaslandan A., MUTLU N., DEVRAN Z., Elekçioğlu İ. H.

Türkiye II. Bitki Koruma Kongresi, Isparta, Turkey, 27 - 29 August 2007, vol.-, pp.77

- LXXXIII. **Genome size variation among native bermudagrass *Cynodon dactylon* L Pers genotypes sampled from Turkey**

SEVER MUTLU S., GÜLŞEN O., MUTLU N., TUNA M., SHEARMAN R. C.

XXVII th Eucarpia Symposium on Improvement of fodder crops and amenity grasses, Copenhagen, Denmark, 19 - 23 August 2007, pp.71

- LXXXIV. **Identification of *Meloidogyne* and *Heterodera* species by molecular methods and using MAS for the resistance of wheat varieties.**

Elekçioğlu İ. H., Özaslandan A., DEVRAN Z., MUTLU N., Nicol J., Yorgancılar Ö., Şahin E., Polat N., Çalışkan M.

Cost 872 Workshop and MC Meeting, La Colle-Sur-Loup, France, 9 - 11 May 2007, vol.-, pp.59-60

- LXXXV. **Development of Crop Plants Resistant to Treatment with the Herbicide, Dicamba.**

MUTLU N.

ASPB annual meeting, Lafayette, United States Of America, 6 - 08 March 2004, vol.918

- LXXXVI. **Cloning and mapping of P-Loop (Kinase-1a) containing genes for disease resistance in *Phaseolus vulgaris***

MUTLU N.

XXVI ISHS symposium, Toronto, Canada, 11 - 17 August 2002, vol.17, no.70, pp.445

- LXXXVII. **Mapping of QTL for leafhopper resistance in common bean (*Phaseolus vulgaris* L.)**

MUTLU N.

XXVI ISHS symposium, Toronto, Canada, 11 - 17 August 2002, vol.17, no.71, pp.445

Other Publications

- I. **Determination of heritability of zinc-efficiency in pepper (*Capiscum annum* L.) and development of molecular markers linked to QTL/genes controlling zinc-efficiency.**

MUTLU N.

Presentation, 2011

- II. **Recent developments of the vegetable production systems in Turkey. S228-234. Increasing market-oriented vegetable production in Central Asia and Caucasus through Collaborative Research and Development, Workshop proceedings; 25-27 April 2005; Tashkent, Uzbekistan**

MUTLU N.

Presentation, pp.228-234, 2005

- III. **A major QTL for common bacterial resistance in GN#1 sel 27 derives from the Great Northern Landrace Montana No. 5, not tepary bean.**

MUTLU N.

Other, pp.52-53, 2002

- IV. **Cloning and mapping of P-loop (Kinase-1a) containing genes for disease resistance in *Phaseolus vulgaris* L.**

MUTLU N.

Other, pp.18-19, 2002

- V. **Progress in backcross breeding with RAPD (SCAR) molecular markers to pyramid QTLs for resistance to common bacterial blight in Pinto and Great Northern beans.**

MUTLU N.

Other, pp.70-71, 2002

- VI. **Backcross breeding with RAPD molecular markers to enhance resistance to common bacterial blight**

in pinto beans.

MUTLU N.

Other, pp.7-8, 1999

VII. Confirmation of molecular markers and flower color associated with QTL for resistance to common bacterial blight in coomon beans.

MUTLU N.

Other, pp.5-6, 1999

Supported Projects

MUTLU N., TUBITAK Project, . Markır yardımcı seleksiyon ve haploidi yöntemi ile hastalıklara dayanıklı biber hatlarının geliştirilmesi, 2014 - Continues

MUTLU N., TUBITAK Project, Patates Y virüsüne dayanıklılık veren Pvr4 genine bağlı moleküler markır geliştirilmesi, 2014 - Continues

Aksoy M., Pınar H., Mutlu N., TUBITAK Project, Sperm Füzyon Geni Hapless 2 (Hap2)'nin Domates ve Patlıcan'da Genetik Erkek Kısırlığı Oluşturma Amacıyla Crispr/Cas9 ile Mutasyonu, 2023 - 2026

SEVER MUTLU S., HOCAGİL M. M., MUTLU N., SELİM C., Project Supported by Higher Education Institutions, Broadening the Genetic base of bermudagrass, 2016 - 2020

TOKER C., İKTEN C., MUTLU N., Project Supported by Higher Education Institutions, Genetic Relationships Among The Genera Cicer L Lathyrus L Lens Mill And Vicia L Together With Similarity Of Lens Taxa Based On Morphological And Aflp Markers, 2018 - 2019

TOKER C., MUTLU N., Project Supported by Higher Education Institutions, Assessment of resistance gene analog peroxidase and WRKY gene polymorphisms in the genus Lens Miller, 2017 - 2019

TOKER C., SÖNMEZ S., UZUN B., KARHAN M., İKTEN C., SARI D., MUTLU N., ÇANCI H., YILDIRIM T., İNCİ N., et al., Project Supported by Higher Education Institutions, Yayın Süreklilik Desteği, 2016 - 2019

ARI E., YILDIRIM T., MUTLU N., Project Supported by Higher Education Institutions, Effects of Different Substrates and IBA Concentrations on Adventitious Rooting of Native Vitex agnuscastus L Cuttings, 2017 - 2018

ARI E., MUTLU N., KARAGÜZEL O., DJAPO H., Project Supported by Higher Education Institutions, Creation of variation through gamma irradiation and polyploidization in Vitex agnuscastus L, 2016 - 2018

Mutlu N., Cengiz M. F., Dağlı F., TUBITAK Project, Domates Güvesi (Tuta Absoluta)'ya Dayanıklılık Oluşturan Gen / QTL Bölgelerinin Tespiti Ve Zararlıya Karşı Dayanıklı Domates İslahında Kullanılabilir Moleküler Markırların Geliştirilmesi., 2012 - 2015

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