









INTERNATIONAL PLANT BREEDING CONGRESS

Plant Breeding for the Future: From Local to Global 21-25 November 2022 | Porto Bello Hotel, Antalya, Türkiye

Pocker Procedum











	21 November, Monday	
14:00	Welcome Registration and Hotel Check-in	
	22 November, Tuesday	Hall A
08:00-09:00	Registration	
09:00-10:30	Opening Speeches	
	Congress Group Photo	
10:30-11:00	Coffee Break	
11:00-12:45	Plenary Session Chair: Bülent Uzun	
11:00-11:30	Importance of Plant Genetic Resources for Future Breeding	Andreas Borner
11:30-12:00	Role of Agronomy in Biofortification of Food Crops with Micronutrients, and Its Synergism with Breeding	İsmail Çakmak
12:00-12:30	Breeding for Resistance - Key to Meet Future Challenges	Frank Ordon
12:30-12:45	Discussion	
12:45-14:00	Lunch	
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CONGRESS





		22 November, Tuesday	Hall A
14:00-15:30		Conventional Plant Breeding I Chair: S. Ahmet Bağcı	
14:00-14:30	OP-01	Wheat Breeding Studies in Turkey and Its Effects on Yield: Past to Present	Fahri Altay
14:30-14:45	OP-07	Yield Increase in Last 10 Years of Breeding for Winter Red Wheat	Muhsin İbrahim Avcı
14:45-15:00	OP-04	Breeding for Improved Technological Quality in Winter Durum Wheat	Gyula Vida
15:00-15:15	OP-05	Stability Analysis of Some Bread Wheat Genotypes for Grain Yield in Central Anatolian Region Using Regression-Based Stability and AMMI Methods	Mustafa Serdar Doğan
15:15-15:30		Discussion	
15:30-16:00		Coffee Break	
16:00-17:45		Conventional Plant Breeding II Chair: Mesut Keser	
16:00-16:15	OP-06	Grain Yield Stability Analysis of Durum Wheat Genotypes in Dry Areas of the Central Anatolian Region Using AMMI and GGE Biplot Methods	Mehmet Doğan
16:15-16:30	OP-03	Effect of Drought Stress on Seedling Growth in Bread Wheat (Triticium aestivum L.) Genotypes	İsmet Başer
16:30-16:45	OP-08	Last 10 years of Winter White Wheat Breeding in Central Anatolia	Fatma Betül Sade
16:45-17:00	OP-09	A research About Determination of the Grain Yield and Protein Contents of Wheat Genotypes with Different Chromosomes in Ankara Conditions	Ali Haydar Paksoy
17:00-17:15	OP-10	Evaluating Traits Influencing Hybrid Wheat Seed Production Using a Double Haploid Population Derived from Freeman x Camelot	Emre Karahan
17:15-17:30	OP-11	Environmental Effect in Two and Six-Rowed Barley (Hordeum vulgare L.) Cultivars on Yield Components and Leaf Diseases under Rainfed Conditions	İrfan Öztürk
17:30-17:45		Discussion	
17:45-19:00		Poster Session - 1	Foyer Area







PLANT BREEDING





	22 November, Tuesday	Hall B
14:00-15:30	Conventional Plant Breeding III Chair: Kazım Abak	
14:00-14:15 OP-12	Identification and Maintenance of Male Sterile Lines using Morphological and Molecular Indices for Development of Onion Hybrids	Pravin Kumar Sharma
14:15-14:30 OP-13	Establishment and Morphological Characterization of New Interspecies Hybrid Populations Capsicum Annuum and Capsicum Frutescens	Nihal Denli
14:30-14:45 OP-14	Colchicine Induced Chromosome Doubling in Annual Ryegrass (Lolium multiflorum Lam.) and Identification of Autotetraploid Plants by Flow Cytometer	Metin Tuna
14:45-15:00 OP-15	Selection for Persistence in Red Clover (Trifolium Pratense L.) Through Improved Tolerance to Northern Anthracnose	Muhammet Şahin
15:00-15:15 OP-16	Evaluation of Some Silage Hybrid Corn Genotypes in Terms of Yiled and Quality Under Samsun Ecological Conditions	Erkan Özata
15:15-15:30	Discussion	
15:30-16:00	Coffee Break	







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		22 November, Tuesday	Hall B
16:00-17:45		Conventional Plant Breeding IV Chair: Baldew Raj Kamboj	
16:00-16:15 C	OP-17	The Utilizing from Wild Sunflowers (Helianthus spp) for New Anatomical Designs in Sunflower	Yalçın Kaya
16:15-16:30 C	OP-18	Morphological and Physiological Responses of Potato Genotypes to Different Water Deficit	Sani Ibrahim Ibrahim
16:30-16:45 C	OP-19	Comparative Yield and Quality Traits Stability Estimates of Potato Breeding Lines in the Central Anatolia Region of Türkiye	Eric Kuopuobe Naawe
16:45-17:00 C	OP-20	Contrasting Behavior of Potato Breeding Lines to Morpho-Physiological and Agronomic Characteristics in Response Heat Stress	Eric Kuopuobe Naawe
17:00-17:15 C	OP-21	Different Maize Breeding Approaches for Tackling Climate Change in Croatia and Turkey	Zvonimir Zdunic
17:15-17:30 C	OP-22	Development of Maize Varieties Suitable for Central Anatolian Conditions	Mehmet Tezel
17:30-17:45		Discussion	
17:45-19:00		Poster Session - 1	Foyer Area





17:45-	22 November, Tuesday 19:00 Poster Session 1 - Screen 1	Foyer Area
	Moderator: Mustafa Yıldırım	
PP-28	Evaluation of the Yield, Yield Components and Quality Traits of Faba Bean Genotypes in Aegean Region Conditions	Selin Eğilmez
PP-68	Yield and Yield Components of Newly Developed Safflower Lines	Oğuzhan Aydın
PP-67	Identification of Superior Winter Wheat Genotypes with High Grain Yield and Quality Combined with Stripe Rust Resistance in Uzbekistan	Zafarjon Ziyaev
PP-66	Barley Breeding Studies in Eskişehir Transitional Zone Agricultural Research Institute	Soner Yüksel
PP-17	Evaluation of Advanced Barley Lines for Yeld and Yield- Related Traits in Aegean Region Conditions	Mustafa Cerit
PP-14	Short Palms for Improved Harvesting Efficiency	Wan Rusydiah Wan Rusik
17:45-	19:00 Poster Session 1 - Screen 2 Moderator: Mustafa Yıldırım	Foyer Area
PP-65	Advances in Industrial Crops Breeding in Transitional Zone Agricultural Research Institute	Arzu Köse
PP-19	Breeding for Improved Forage Yield Potential and Digestibility in Tall Fescue (Schedonorus arundinaceus (Schreb.) Dumort.)	Elif Şahin
PP-39	Investigation of Root System Architecture of Promising Winter Squash (Cucurbita maxima Duch.) Genotypes for Rootstock Breeding Programme	Ahmet Balkaya
PP-64	Pomological and Phenological Characteristics of Promising Sweet Cherry (Prunus Avium L.) Progeny	İsmail Demirtaş
PP-61	The Effect of Gamma Irradiation on Groundnut (Arachis hypogaea L.)	Engin Yol
PP-59	Study on Grain Yield and Some Morpho-Physiological Traits in Durum Wheat (Triticum Durum Desf.) Genotypes	İsmet Başer







17:45-		Foyer Area
	Moderator: Hakan Aktaş	
PP-37	Effect of Parental Lines on Germination of Avşar F1	Nur Ülger
PP-56	Comparison of Two and Six-Rowed Barley (Hordeum vulgare L.) Genotypes under Rainfed Conditions	İrfan Öztürk
PP-06	Effects of Tray Conditions For Cucumber Cuttings	Nur Ülger
PP-69	Determination of the Seed Yield and Resistance to Broomrape Parasite of Some Hybrid Sunflower Varieties in Different Locations	Veli Pekcan
PP-50	Grain Yield Predictions of ZP Maize Hybrids	Zoran Camdzija
PP-51	Stability Analysis of Different Maize Hybrids Grown in Serbia	Jovan Pavlov
17:45-	19:00 Poster Session 1 - Screen 4	Foyer Area
	Moderator: Hakan Aktaş	
PP-20	The Heritability for Flower Productivity and Defoliation in Diploid Roses	Seza Noyan
PP-34	Determination of Some Traits in New Purple Sweet Corn Hybrids	Ahmet Öztürk
PP-27	Grain Yield and Stability of Some Feed Barley (Hordeum vulgare L.) Lines and Cultivars Under Rainfed Conditions of Central and Transitional Regions of Anatolia	Namuk Ergün
PP-71	Revealing Local Wild Plant Species Potential for Microgreens	Onur Karaağaç
PP-73	Selection of Advanced Bread Wheat (Triticum Aestivum L.) Lines in Terms of Yellow Rust (Puccinia Striiformis f. sp. Tritici) and Grain Yield in Sakarya Conditions	Lütfi Demir
PP-47	Determination of Promising Onion (Allium cepa L.) Genotypes by Selection Method in a Long-Day Breeding Programme	Arif Bağcı
PP-72	Population Improvement in Adapop 9e and 9f Sweet Corn (Zea Mays Saccharata) Gene Research	Mehmet Cavit Sezer







PLANT BREEDING





		23 November, Wednesday	Hall A
09:00-10:30		Conventional Plant Breeding V Chair: Yalçın Kaya	
09:00-09:30		Keynote Speaker Deploying Appropriate MAS Technology for Legume Improvement in Sub-Saharan Africa: The Kirkhouse Trust experience	Robert Koebner
09:30-09:45	OP-23	Towards the Development of Clearfield Red Lentil Cultivars in Turkey	Abdullah Kahraman
09:45-10:00	OP-24	Determination of Yield Performance of Chickpea Varieties Widely Cultivated in Our Country in Konya Ecology	Hakan Bayrak
10:00-10:15	OP-25	Selection of Winter-Hardy Genotypes and Determination of Some Agricultural Characteristics in Hybrid Pea Lines (F3)	Ahmet Tamkoç
10:15-10:30		Discussion	
10:30-11:00		Coffee Break	
11:00-12:30		Conventional Plant Breeding VI and Molecular Plant Chair: Kenan Yalvaç	t Breeding
11:00-11:15	OP-26	Modifying Flowering Time by Using Vernalization, Photoperiod and Earliness Genes in Winter Wheat to Increase the Adaptability of Wheat in the Era of Climate Change	Mesut Keser
11:15-11:30	OP-27	CIMMYT's Approach to Speed Breeding for Spring and Winter Breeding Programs	Beyhan Akın
11:30-11:45	OP-28	Development of Sulfonylurea (SU) Group Herbicide Resistant Ornamental Sunflower Lines	Bahar Sancar
11:45-12:00	OP-29	Breeding Sterile (Male-Sterile) Ornamental Sunflower Lines Resistance to Imidazolinone (IMI) Group Herbicides and Downy Mildew Disease	Bahar Sancar
	OP-30	Determination of Resistance Levels Oo Qualified Tomato Genotypes to (Meloidogyne incognita), Tomato Yellow Leaf Curl Virus, Tomato Spotted wilt Virus, Tomato Mosaic Virus	Selcan Eroğlu
12:15-12:30		Discussion	
12:30-14:00		Lunch	







PLANT BREEDING





	23 November, Wednesday	Hall A
14:00-16:00	Molecular Plant Breeding	
14:00-14:30	Chair: Vida Gyula Keynote Speaker	Richard GF Visser
14.00-14.50	Challenges and Opportunities in Breeding Future	(Online)
	Proof and Sustainable Crops	, , ,
14:30-14:45 OP-31	QTL Detection of Maturity Timing in Sweet Cherry	Fatih Topuz
I	Using a Multi-Family QTL Approach	
14:45-15:00 OP-32	Cytoplasmic Genome Prediction in Cucumber (Cucumis sativus L.) Hybrid Variety Breeding and	Leyla Öztürk Akar
	it's Usage in Breeding	
15:00-15:15 OP-33	Moleculer Characterization of Economically	Funda Yılmaz Baydu
	Important Some Grape Varieties, Rootstocks and	
	Their Clones Based on AFLP Markers	
15:15-15:30 OP-34	Molecular and Morphological Characterisaton and Association Mapping for some Agronomic	Hasan Pınar
	Characteristics in Different Apple Types And	
	Varieties	
15:30-15:45 OP-35	Determinate Tomato Breeding Using Speed	Merve Yiğit
	Breeding, Embryo Rescue and Marker Assisted	
15:45-16:00	Selection Discussion	
16:00-16:30	Coffee Break	
16:30-17:45	Molecular Plant Breeding and New Breeding Metho	ods for
	Future Challenges I	
	Chair: Fatih Seyis	
16:30-16:45 OP-36	Comprehensive Genotyping and Diversity Analysis of Maize Inbred Lines Representing Multiple Eras	Domagoj Simic
	of Germplasm from Southeast Europe	
16:45-17:00 09-37	Breeding in Ashwagandha (Withania somnifera) in	Rajesh Kumar
10.43-17.00 GF-37	Relation to Molecular Aspects	Rujesii Kulliul
17:00-17:15 OP-38	Phenotypic Diversity and Linkage Disequilibrium	Faheem Shehzad
	for Vitamin B Complex Concentrations in Bean	Baloch
17:15 17:20 00 20	Grain	Cinan Audažan
17.15-17:30 UP-39	Comperison of Index Method and META Analysis for Selection of Winter Feed Barley Genotypes	Sinan Aydoğan
17:30-17:45	Discussion	
17:45-19:00	Poster Session - 2	Foyer Area









CONGRESS





		23 November, Wednesday	Hall B
09:00-10:30		Variety Release and Seed Systems Chair: Oğuz Bilgin	
09:00-09:30		Keynote Speaker Haploidization of Biennial Vegetables	Agniaszka Kielkowska
09:30-09:45	OP-40	Agricultural and Forestry Research and Development Structures and Systems: A New Approach	Süleyman Karahan
09:45-10:00	OP-41	Development of Seed Sector and Contributtion of the use of Certified Seeds of New Plant Varieties to the Agricultural Production in Türkiye	Kenan Yalvaç
10:00-10:15	OP-42	Variation of Registered Pepper Varieties on DUS Test	Güleda Öktem
10:15-10:30		Discussion	
10:30-11:00		Coffee Break	
11:00-12:30		Resistance to Biotic and Abiotic Stresses I Chair: İsmet Başer	
11:00-11:15	OP-43	The new Cereal; Tritipyrum; Three Decades of Breeding Challenges for Eating and Feeding in Saline and Brackish Water by Phenotyping, Molecular Markers, Cytogenetics Molecular Markers and Speed Breeding Techniques with the Last Case Study in Turkey	Hossein Shahsavand Hassani
11:15-11:30	OP-44	Improving Nutrient use Efficiency in Wheat Using Various Breeding Strategies	Akshay Kumar Vats
11:30-11:45	OP-45	Determination of the Reactions of Some Advanced Yield Trials-Bread Wheat Genotypes to Rust and Bunt	Nilüfer Akcı
11:45-12:00	OP-46	Breeding for Climate Resilience in Agricultural Crops	Ajaz Ahmad Lone
	OP-47	Determination of Heat and Drought Tolerant Lines In Segregating Populations Produced By Interspecific Crosses in Eggplant	Esra Cebeci
12:15-12:30		Discussion	
12:30-14:00		Lunch	







PLANT BREEDING







		23 November, Wednesday	Hall B
14:00-16:00		Resistance to Biotic and Abiotic Stresses II Chair: Gönül Cömertpay	
14:00-14:30		Keynote Speaker Breeding Challenges for Wheat, the Cornerstone for Global Food Security	Hans Braun
14:30-14:45	OP-48	Evaluation of Wheat (T. aestivum L.) Germplasm Under Temperate Conditions and Identification of Sources of Yellow Rust Resistance Genes (yr) Using Molecular Markers	Shabir Hussain Wani
14:45-15:00	OP-49	Screening of Some Durum Wheat Genotypes to (Warrior) Race of Yellow Rust	Merve Nur Ertaş Öz
15:00-15:15	OP-50	Comparison of Yield Potentials of Some Triticale Lines and Cultivars Under Different Climatic Conditions	Emel Özer
15:15-15:30	OP-51	Determination of the Reactions of Some Advanced Yield Trials-Durum Wheat Genotypes to Rust	Nilüfer Akcı
15:30-15:45	OP-52	Identification of SNP Markers for Grain Quality Traits in A Barley Collection (Hordeum Vulgare L.) Harvested in Kazakhstan	Yuliya Genievskaya
15:45-16:00		Discussion	
16:00-16:30		Coffee Break	
16:30-17:45		New Breeding Methods for Future Challenges II Chair: Nedim Mutlu	
16:30-16:45	OP-53	Effects on the Wheat (Triticum Aestivum L.) Genome From Five Rapid Genomic Selection (GS) Cycles	Lenin Rodriguez
16:45-17:00	OP-54	Colored Wheat: A Source of Nutrition	Om Parkash Bishnoi
		Two Different Vernalization Methods Applied in Winter/Facultative Wheat and Their Effects on the Speed Breeding Process	Emrah Koç
	OP-56	Genotyping by Sequencing Based SNP Analysis for Discriminating the Heterotic Patterns of Maize Germplasm From Public and Private Sector of Türkiye	Gönül Cömertpay
17:30-17:45		Discussion	
17:45-19:00		Poster Session - 2	Foyer Area







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	23 November, Wednesday	Hall C
13:30-14:00	Registration	
14:00-14:30	Opening Remarks - Fazıl Düşünceli, FAO, Agriculture Officer - Beyhan Akın, CIMMYT, WWIP - CIMMYT Coordinator - Mesut Keser, ICARDA, Country Manager - Suat Kaymak, Ministry of Agriculture and Forestry, TAG. Health Research Department	EM, Head of Plant
14.30-16.00	Session 1: Regional Collaboration Chair: Fazıl Düşünceli	
14:30-14:45	The FAO - Türkiye Partnership Programme Project on Wheat Rust and Resistance and Support for Resistance Breeding	Fazıl Düşünceli
14:45-15:05	Importance of Surveillance and Race Tracking for Developing Rust Resistant Wheat Varieties	Kumarse Nazari
15:05-15:25	Updates from CIMMYT - Türkiye on Developing Rust Resistant Wheat Varieties for Central Asia and Caucasus	Beyhan Akın
15:25-15:40	Status of Wheat Rust Diseases and Resistance Breeding Work in Türkiye	E. Burcu Turgay
15:40-16:00	Discussion	
16:00-16:30	Coffee Break	







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	23 November, Wednesday	Hall C
16:30-17:45	Session 2: Past experiences and recent advances in breedi resistance (Panel Discussion) Chair: Kenan Yalvaç	ng for wheat rust
ı	ns from the Past Programmes and Interventions on Wheat Rust Resistance	Hans J. Braun
	in Breeding for Wheat Rust Resistance in Türkiye and Successes and Lessons from International Winter Wheat (IWWIP)	Mesut Keser
Advances in Resistance	use of Molecular Tools and Approaches for Wheat Rust	Robert Koebner
l	etic Resources in Wheat Rust Resistance Breeding and Conclusions	Nusret Zencirci

17.45

Closing 17:45-19:00 Poster Session - 2

Foyer Area



	Plant Breeding for the Future: From Local to Global	-
17:45-	23 November, Wednesday 19:00 Poster Session 2 - Screen 1	Foyer Area
17:45-	Moderator: Eftal Düzyaman	
PP-25	Infected with ToBRFV (Tomato Brown Rugose Fruit Virus) Disinfectant Efficacy Trial on Tomato Plants	Özlem Demir
PP-30	Suitability of Latvian Origin Rye and Wheat Genetic Resources for a Niche Products	Laila Vilmane
PP-42	Possibilities to Develop Dry Pea Varieties for Sustainable Agriculture	Ahmet Ustaoğlu
PP-52	IPBS-Retrotransposons Variations: DNA Fingerprinting and the Evaluation of Genetic Diversity and Population Structure in International Cowpea Germplasm	Faheem Shahzad Baloch
PP-75	Morphological Characterization of Some Local Leek Genotypes Grown in Turkey	Meryem İpek
17:45-	19:00 Poster Session 2 - Screen 2 Moderator: Eftal Düzyaman	Foyer Area
PP-74	Use of SSR Molecular Markers to Develop Source Materials in Maize Breeding	İpek Koca Reçber
PP-38	Sort-clones of Malus Sieversii (Ledeb.) M. Roem. of Dzungarian Population in the Main Botanical Garden	Laura Shadmanova
PP-03	Genome-Wide Association Study for Leaf Rust and Stem Rust Resistance in Bread Wheat Growing in Kazakhstan	Alibek Zatybekov
PP-04	QTL Mapping of Agronomic Traits in Wheat Using the Pamyati Azieva × Paragon Mapping Population Tested in Kazakhstan	Akerke Amalova
PP-01	Eggplant Genome Editing Using CRISPR/Cas9 Technology	Vese Pakashtica
PP-36	Evaluation of Genetic Relationship Among Different Soybean Cultivars in Two Regions of Mazandaran and Alborz Provinces	Parastoo Majidian





17:45-	23 November, Wednesday 19:00 Poster Session 2 - Screen 3 Moderator: Ahmet Tamkoc	Foyer Area
PP-62	Determining TSWV Resistance Levels for Some Characteristics of Capia Pepper Lines	Önder Türkmen
PP-29	Accelerated Pepper Breeding Studies with MAS and Androgenesis Techniques	Mesut Nar
PP-46	New Method in Plant Breeding: CRISPR Technology and its Use	Kübra Taş
PP-48	Marker Assisted Selection: An Approach for Improving the Maize Quality	Marija Kostadinovic
PP-53	Breeding of Winter Feed Barley Genotypes With High Digestibility Under Turkish Highlands	Gulizar Manav
17:45-	19:00 Poster Session 2 - Screen 4 Moderator: Ahmet Tamkoç	Foyer Area
PP-18	Genetic Mapping of Yield and Yield-Related Traits in a Population Derived from Two Winter Wheat Cultivars	Mustafa Cerit
PP-23	Comparison of Pure Lines Developed for Dried Eggplant Breeding in Terms of Quality Characteristics	Gülsün Elif Vural
PP-22	The Effects of Open Sun Drying and Oven Drying on Dried Fruit Quality Characteristics in Pure Lines Developed for Dried Pepper Breeding	Gülsün Elif Vural
PP-40	Selection of Plants According to Their Resistance to Gamma Radiations, Case of Thapsia Garganica L. (Apiaceae)	Farid Benkaci Ali
PP-60	Breeding for Niche Specific Ideotypes in Commercial Agricultural Crops	Ajaz Ahmad Lone











	Plant Dreed	fing for the Future: From Local to Global	
		24 November, Thursday	Hall A
09:00-10:30		Resistance to Biotic and Abiotic Stresses III Chair: Ahmet Balkaya	
09:00-09:30		Keynote Speaker Importance of Enabling Environment to Promote and Facilitate Innovation in Plant Breeding Worldwide	Benjamin Rivoire
09:30-10:00		Keynote Speaker Accelerating Genetic Gains in Grain Legume Crops	Rajeev Varshney (Online)
10:00-10:15	OP-57	Omics in Maize Breeding: Case Studies in Abiotic Stress Tolerance	Emre Aksoy
10:15-10:30		Discussion	
10:30-11:00		Coffee Break	
11:00-12:30		Resistance to Biotic and Abiotic Stresses IV Chair: Hülya İlbi	
11:00-11:15	OP-58	Advances in Climate-Resilient Temperate Tree Breeding: A Case Study in Peach	Ömer Atagül
11:15-11:30	OP-59	In Silico Analysis of Qtls Associated With Iron Efficiency in Soybean Lead to the Identification Of GATA Transcription Factors Involved in Iron Homeostasis	Emre Aksoy
11:30-11:45	OP-60	Determination of Resistance Levels of Some Bean Genotypes Against Charcoal Rot (Macrophomina Phaseolina (Tassi) Goid) Disease	Sirel Canpolat
11:45-12:00	OP-61	Determination of Resistance of Some Bean Genotypes to Common Leaf Blight (Xanthomonas Axonopodis Pv. Phaseoli) and Bean Halo Blight (Pseudomonas Syringae Pv. Phaseolicola) Diseases	Kamil Duman
12:00-12:15	OP-62	Determination of the Reactions of Some Bread Wheat (Triticum Aestivum L.) Genotypes to Waterlogging	Cemal Şermet
12:15-12:30		Discussion	
12:30-14:00		Lunch	







CONGRESS







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		24 November, Thursday	Hall A
14:00-16:00		Resistance to Biotic and Abiotic Stresses V Chair: Taner Akar	
14:00-14:15	OP-63	Effect of Genotypic Variation on Bread and Flour Quality in Wheat	Pervin Arı Akın
14:15-14:30	OP-64	Variation of Resistance of Some Downy Mildew Resistance Genes to Downy Mildew Races of Sunflower in Trakya Region, Turkey	Mehmet İbrahim Yılmaz
14:30-14:45	OP-65	Using Root Criteria in Drought Resistance Selection	Burak Özdemir
14:45-15:00	OP-66	Overview of Zucchini Yellow Mosaic Virus (ZYMV)	Akife Dalda Şekerci
15:00-15:15	OP-67	Development of Industrial Type Pepper Lines Resistant to (Phytophthora Capsici)	Duygu Argün
15:15-15:30	OP-68	Phloem-Mobile Micrornas in the Long-Distance Communication of Pumpkin (Cucurbita Maxima L.) Under Heavy Metal Stresses	Mehtap Aydın
15:30-16:00		Discussion	
16:00-16:30		Coffee Break	
16:30-17:30		Intellectual Property Chair: Ayşe Odman Boztosun	
16:30-16:45		Turkish Plant Breeders' Right System	Mehmet Çakmak
16:45-17:00	OP-69	Evaluation of the Current Situation of the Conditions for Protection of PBR vis-a-vis Recent Developments	Ayşe Odman Boztosun
17:00-17:15	OP-70	Turkish Plant Breeders' Rights System; Challenges, Opportunities	Hasan Çelen
17:15-17:30		Discussion	
17:45-19:00		Poster Session - 3	Foyer Area







Plant Breeding for the Future: From Local to Global

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		24 November, Thursday	Hall B
09:00-10:30		Conventional Plant Breeding VII Chair: Abdullah Kahraman	
09:00-09:30	OP-71	Keynote Speaker Wheat Response to Individual and Combined Heat and Drought Stress and Breeding for Tolerance	Rishi K. Behl
09:30-10:00	OP-72	Keynote Speaker Participatory Breeding Towards a More Diverse, Resilient and Society-Oriented Organic Farming	Adrian Rodriguez Burruezo <mark>(Online)</mark>
	OP-73	Increasing Breeding Studies Efficiency by Supporting Plant Breeding Software with Data	Canseri Bozkuş
10:15-10:30		Discussion	
10:30-11:00		Coffee Break	
11:00-12:30		Tissue Culture Chair: Şebnem Ellialtıoğlu	
11:00-11:15	OP-74	In Vitro Regeneration of Encapsulated Propagules of Some Cyclamen Species	Hüsamettin Aycan Alp
11:15-11:30	OP-75	Protoplast Isolation from Leaf Mesophylls of Haploid (Solanum Sisymbriifolium) Lam. Produced Via Anther Culture	Buse Özdemir Çelik
11:30-11:45	OP-76	HPLC Analysis of Phenolic Compounds from Elicited Hairy Roots of Dracocephalum Kotschyi Boiss and Implications For COVID-19 Inhibition	Bahman Hosseini
11:45-12:00	OP-77	Production of Durum Wheat Doubled Haploid Lines: A Useful Tools of Breeding	Olfa Ayed Slama
12:00-12:15	OP-78	Determination of Pollen Viability and Germination of Different Solanum Molengena L. X S. Torvum Sw Hybrids and Crosses on Fertile Hybrids	Atilla Ata
12:15-12:30		Discussion	
12:30-14:00		Lunch	
14:00-16:00		Plant Genetic Resources and Landraces I Chair: Gürbüz Mızrak	
14:00-14:15	OP-79	Genetic Characterizations of Vitis Genetic Resources Belonging Gaziantep and Kilis by Using Simple Sequence Repeats (SSR)	Kürşat Alp Aslan







INTERNATIONAL

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	Plant breet	ding for the Future: From Local to Global	
		24 November, Thursday	Hall B
14:15-14:30	OP-80	The Potential of Using Landraces in Cassava (Manihot Esculenta Crantz) Improvement Programmes	Ochanda JB Ogola
14:30-14:45	OP-81	Classification of Pepper Accessions from Turkey and Nigeria for Crop Genetic Improvement and Conservation	Anjola Samson Aninkan
14:45-15:00	OP-82	Wheat in Different Ploidy Levels (Triticum) Evaluated in Terms of Micro Nutrient Content for Breeding Studies	Bayram Özdemii
15:00-15:15	OP-83	Increasing Zinc and Iron in Durum Wheat for Central Anatolia Conditions	Gökhan Kılıç
15:15-15:30	OP-84	A Perspective on the Chromosome Properties of Local Bottle Gourd Landraces	Ahmet L. Tek
15:30-16:00		Discussion	
16:00-16:30		Coffee Break	
16:30-18:15		Plant Genetic Resources and Landraces II Chair: Tahsin Kesici	
16:30-16:45	OP-85	Determination of Effective Dose by Gamma Irradiation in Shoot-Tips of Banana	Filiz Baysa
16:45-17:00	OP-86	Clarification Optimization in Pomegranate Juices Obtained from Some Pomegranate Cultivars and Genotypes	Ali Tekin
17:00-17:15	OP-87	Short-Duration Mungbean for Ecologically Oriented Crop Diversification in the Aral Sea Region of Central Asia	Ram Sharma
17:15-17:30	OP-88	Bread Wheat Landraces of Van Lake Basin	Mehmet Ülker
17:30-17:45	OP-89	"Characterization and Evaluation of Wheat Landraces Genotypes Root System for Drought Prone Areas and Development of Drought Resistance Varieties"	Mohd M Alajlouni
	OP-90	"Improvement of Cotton Varieties Using Modern Genetic and Biotechnological Methods on the Basis of Biodiversity of the Genus Gossypium L"	Fakhriddin N. Kushanov
18:00- 18:15		Discussion	
17:45-19:00		Poster Session - 3	Foyer Area





	24 November, Thursday	Foyer Area
17:45-	19:00 Poster Session 3 - Screen 1 Moderator: Önder Türkmen	
PP-58	Climate Change and Plant Breeding	Mustafa Demirel
PP-49	The Biochemical Composition of Maize Hybrids Under the Different Crop Protection Strategies for ECB Attack	Danijela Ristic
PP-13	Antioxidant Activity of Phenolic Compounds of Pistacia lentiscus	Nadia Benzidane
PP-12	Transcriptional Reprogramming During Developmental and Stress-Induced Leaf Senescence in Barley	Wiebke Zschiesche
PP-63	Mapping of Bacterial Wilt and Canker (Clavibacter michiganensis Subsp. michiganensis) Resistance in Tomato Mutant Lines Using Whole Genome Sequence Analysis	Shabir Hussain Wani
l		
17:45-		Foyer Area
17:45-	19:00 Poster Session 3 - Screen 2 Moderator: Önder Türkmen	Foyer Area
		Foyer Area Alma Kokhmetova
PP-45	Moderator: Önder Türkmen Molecular Mapping of Leaf Rust and Tan Spot Resistance in the	· ·
PP-45	Moderator: Önder Türkmen Molecular Mapping of Leaf Rust and Tan Spot Resistance in the Collection of Wheat Germplasm Genomic Selection to Predict Fusarium Head Blight (FHB) Resistance of Wheat Lines from the Great Plains Using Ohio	Alma Kokhmetova
PP-45 PP-07 PP-05	Moderator: Önder Türkmen Molecular Mapping of Leaf Rust and Tan Spot Resistance in the Collection of Wheat Germplasm Genomic Selection to Predict Fusarium Head Blight (FHB) Resistance of Wheat Lines from the Great Plains Using Ohio Phenotypic Data SNP Markers for the Resistance of Barley ([i] Hordeum Vulgare[/i] L.) to Spot Blotch, Barley Stripe and Powdery	Alma Kokhmetova Lenin Rodriguez





17:45-	24 November, Thursday 19:00 Poster Session 3 - Screen 3 Moderator: Süleyman Karahan	Foyer Area
PP-32	Evaluation of Quality Parameters of Different Barley Varieties	Arzu Özer
PP-31	Effect of Tribolium Confusum's Toxication Infestation on Zea Mays for Human and Animal Nutrition	Guettaf Sofiane
PP-15	Toxicological Properties of Flour Beetle's (Tribolium Confusum) Infestation on Hordeum Vulgare Consumption	Abdelmalek Oulmi
PP-11	Effect of Flour Beetle's (Tribolium Confusum) Infestation of Wheat Flour's (Triticum Durum) Toxicological Properties for Human Consumption	Noureddine Laadel
PP-24	Use of Convolutional Neural Network Model for Detection of Puccinia striiformis f. sp. Tritici and Comparing Disease Severity Monitoring Methods on Scanned Images	Turan Gökberk Çon
17:45-	19:00 Poster Session 3 - Screen 4	Foyer Area
	Moderator: Süleyman Karahan	
PP-16	Using Newly Developed Proximal Sensors for High-Throughput Phenotyping in Maize Breeding	Tatjana Ledencan
PP-70	Determination of the Performance and Quality of Rice (Orzya sativa L.) Genotypes in Samsun Conditions	Özgür Azapoğlu
PP-76	Evaluation of Registered Tomato Varieties in Türkiye	Yıldırım Şamil Özden
PP-77	Determination of Genetic Relationships in Some Local Lettuce (Lactuca sativa L.) Populations by SSR Primers	Elif Yetilmezer
PP-44	Registration of "BAHCIVAN" Runner Bean	Evren Atmaca
PP-43	Registration of "ATMACA" Pinto Bean	Evren Atmaca
PP-79	Perennial Wheat for Improving Multiple Traits of Bread Wheat for Agro-Pastoral Farming System in Central Asia	Ram Sharma



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19 Mayıs Mah. 19 Mayıs Cad. Nova Baran Center No: 4 34360 Şişli / İstanbul - Türkiye Phone: 0 212 381 46 00 / Fax: 0 212 258 60 78 e-mail: httpbc2022@figur.net

Secretariat



Fidanlık Mahallesi Adakale Sokak No:22/12 Kızılay / Ankara - Türkiye **Phone:** 0312 433 30 65 – 66 / **Fax:** 0312 433 30 06

e-mail: secretary@intpbc2022.org

www.intpbc2022.org

