

**IRC 2018 POSTER PRESENTATION GROUPS AND TITLES**

**Presentation slot: Break and Poster Group D: Breeding and Genetic improvement**

**October 17 (10:00-10:30)**

<b>Submission ID</b>	<b>Poster Theme</b>	<b>Poster Title</b>	<b>Presenting author</b>
IRRC-0401	Genetic improvement	Genome-wide Association Mapping for nutrient uptake under direct seeded cultivation condition	Mr. Sumeet Mankar
IRRC-0039	Genetic improvement	CNT07018-26-1-1-1: Low Amylose High Yield, Brown Planthopper and Leaf Blast Resistant Promising line	Chuanchom Deerusamee
IRRC-0042	Genetic improvement	PSL07016-CNT-1-2-2-2-2: Short Growth Duration Rice Variety, Brown Planthopper and Blast Resistant	Moongmart Wangka
IRRC-0046	Genetic improvement	PSL07023-CNT-18-2-1-3: High Yielding and Brown Planthopper Resistant Rice Line for Irrigated Area	Benjawan Phonkhod
IRRC-0055	Genetic improvement	Double haploid lines harboring multiple QTLs/genes for various abiotic-biotic stresses in rice	Ratna Rani Majumder
IRRC-0059	Genetic improvement	A GENETIC CATALOGUE OF <i>Oryza glaberrima</i> FOR BIOTIC AND ABIOTIC STRESSES AND GRAIN QUALITY	Nana Kofi Abaka Amoah
IRRC-0060	Genetic improvement	IMPROVING THE ADAPTATION OF RICE TO SALT STRESS USING A NEW SALINITY DONOR	Nana Kofi Abaka Amoah
IRRC-0067	Genetic improvement	Diversity and Population Structure of Red Rice Germplasm in Bangladesh	Md. Zahidul Islam
IRRC-0083	Genetic improvement	QTL mapping of flag leaf size and yield related traits in rice using F2:3 populations derived from an elite introgression line of Swarna / <i>Oryza nivara</i>	G. Haritha
IRRC-0111	Genetic improvement	GENETIC VARIABILITY AND CHARACTER ASSOCIATION OF QUANTITATIVE TRAITS IN JHUM RICE GENOTYPES	Nadia Akter
IRRC-0113	Genetic improvement	GENETIC DIVERSITY ANALYSIS OF AUS RICE ( <i>Oryza sativa</i> L.) GENOTYPES OF BANGLADESH	Nadia Akter
IRRC-0112	Genetic improvement	Understanding and improving nutrient partitioning during rice grain filling	Hasthi Ram
IRRC-0163	Genetic improvement	Identification of QTLs for panicle traits in indica rice MAGIC population by genome-wide association studies	A.Anisha
IRRC-0157	Genetic improvement	Identification of strong genotypes for anaerobic germination in various rice germplasm	Do Yoon Hyun
IRRC-0179	Genetic improvement	Heterosis in Maximum Node Production Rate in Rice	Stanley Omar PB. Samonte
IRRC-0183	Genetic improvement	Heterosis and Combining ability studies for yield and component traits in rice ( <i>Oryza sativa</i> L.)	Sudeepthi Konuku
IRRC-0225	Genetic improvement	Genetic diversity and classification of <i>oryza sativa</i> with emphasis on Chinese rice germplasm	Wang Caihong
IRRC-0230	Genetic improvement	The Rice AAA-ATPase OsFIGNL1 Is Essential for Male Meiosis	Ping Yu
IRRC-0231	Genetic improvement	Premature leaf senescence 3, encoding a methyltransferase, is required for melatonin biosynthesis in rice	Liyong Cao
IRRC-0232	Genetic	WRKY-S recruits DRM2-imposed DNA hypermethylation	Yuxuan Hou

	improvement	on AOS1 to represses jasmonic acid biosynthesis and resistance against <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> in rice ( <i>Oryza sativa</i> L.)	
IRRC-0241	Genetic improvement	Breeding of Pre-harvest Sprouting Tolerant Rice in Korea	Yong-Jae Won
8RGS-0001	Genetic improvement	Evaluation of introgression lines of KMR3 / <i>O. rufipogon</i> WR120 for yield and related traits in normal and low phosphorus field conditions	Dr. Malathi Surapaneni
8RGS-0002	Genetic improvement	QTL mapping of yield related traits using F2:3 population derived from elite Swarna/ <i>O. nivara</i> introgression lines	Kavitha Beerelli
8RGS-0004	Genetic improvement	Development of MAALs and chromosome variants employing embryo rescue technique to introgress alien genes resistant to YSB from <i>O. brachyantha</i>	NIRANJANA BEHURA
8RGS-0025	Genetic improvement	Developing and evaluating chromosome segment substitution lines (CSSL) in two popular rice varieties using an Indian accession of <i>O. rufipogon</i>	Sarla Neelamraju
IRRC-0519	Genetic improvement	Brittle Mutant Lines from the Mutation Pools of IR64 and TNG67 and Its Applications in Sustainable Agriculture	Anuchart Sawasdee
IRRC-0147	Genetic improvement	Era trial to compare performance of breeding lines for yield and tolerance to different forms of flooding	Benedick Labaco
IRRC-0340	Genetic improvement	Development of high yielding lines with wide-adaptation and suitability for dry and wet direct seeded ecosystems.	Carlos Casal Jr.
IRRC-0521	Genetic improvement	The Paraquat Tolerance in a Rice Mutant, Pq72, Is Controlled by the Maternal Inheritance	Chang-Sheng Wang
IRRC-0523	Genetic improvement	Sodium Azide Mutagenesis Generated Diverse and Broad-Spectrum Blast Resistance Mutants in Rice	Chang-Sheng Wang
IRRC-0532	Genetic improvement	Improvement of the Bacterial Blight Resistance for Three Elite Rice Varieties in Taiwan through Marker-Assisted Backcrossing	Chang-Sheng Wang
IRRC-0027	Genetic improvement	Molecular mapping of qBK1WD, a major QTL for bakanae disease resistance in rice	Dong-Soo Park
IRRC-0090	Genetic improvement	Breeding of whole crop silage (WCS) rice cultivar for improving insect-disease resistance, salt and herbicide tolerance	Eok-Keun Ahn
IRRC-0562	Genetic improvement	Modified tissue sampling and DNA extraction protocol to improve Forward Breeding for MAS applications in rice fixed breeding lines	Erwin Tandayu
IRRC-0414	Genetic improvement	Multi-year simulation of a rice growth model for designing genotypes robust against fluctuating environments	Hiroe Yoshida
IRRC-0411	Genetic improvement	Diverse environmental responses of flowering in Japanese rice cultivars revealed through a phenology model analysis	Hiroshi Nakagawa
IRRC-0437	Genetic	An exome sequencing based characterization of carbon	Hiroyuki Ichida

	improvement	ion beam-induced mutations in an unselected rice population	
IRRC-0651	Genetic improvement	Development of a simplified field method for speed breeding in rice: Field Rapid Generation Advance	Holden Verdeprado
IRRC-0512	Genetic improvement	Screening and Evaluation of Sheath Blight Resistance Mutant Lines of IR64 Rice Variety	Jr-Hau Jiang
IRRC-0514	Genetic improvement	Sheath Blight Disease Resistance Mutant Lines of TNG67 Rice Variety	Jr-Hau Jiang
IRRC-0515	Genetic improvement	Improved Micro-Chamber Method for Evaluating Sheath Blight Disease in Rice	Jr-Hau Jiang
IRRC-0386	Genetic improvement	Evaluation of Rice Genotypes For Brown Planthopper Resistance and utilization For Variety Improvement Programe	K.A.K. Wijesena
IRRC-0435	Genetic improvement	QTL Deployment: Harvesting the genetic diversity of rice	Katreena T. Navea
IRRC-0541	Genetic improvement	GGE biplot analysis to evaluate genotypes, environments and their interactions for targeting suitable rice varieties for salt-affected locations in India	Krishnamurthy S L
IRRC-0440	Genetic improvement	Male Sterility Inducing Cytoplasm: Its Effect on Important Morpho-Agronomic Character, Yield-Enhancing Traits and Heterosis in Hybrid Rice	Leonilo Gramaje
IRRC-0482	Genetic improvement	: Study of genetic and molecular links between the Nitrogen Induced Susceptibility and the components of the Nitrogen Use Efficiency Does rice plants with higher nitrogen use efficiency express higher susceptibility to blast?	Mathias Frontini
IRRC-0396	Genetic improvement	BioMAGIC ? for multiple biotic stress resistance in rice"	Mona Liza J. Baer
IRRC-0322	Genetic improvement	SELECTION OF DONOR PARENTS AND GENETIC DIVERSITY OF RICE GERMPLASM UNDER DROUGHT STRESS AT REPRODUCTIVE PHASE FOR T. AMAN SEASON	Mst. Salma Pervin
IRRC-0647	Genetic improvement	Identification and introgression of early seedling vigour traits derived from <i>Oryza glaberrima</i> under direct seeded rice conditions	Muralidhara B
IRRC-0221	Genetic improvement	Haplotype Diversity of Bacterial Leaf Blight Resistance Gene Xa21	Nanayakkara NHLDL
IRRC-0415	Genetic improvement	Exotic Rice Germplasm Response for High Temperature Tolerance under Pre-evaluation condition	Pathmasiri Karunaratne
IRRC-0135	Genetic improvement	Introgression of Leaf Blight Resistance Genes into Indica Cultivar BT7 through Marker-Assisted Backcrossing	Pham Thien Thanh
IRRC-0617	Genetic improvement	Morpho-agronomic characterization of in situ-conserved traditional (heirloom) rice varieties of the Cordillera Administrative Region (CAR), Philippines	Renato A. Reano
IRRC-0553	Genetic improvement	Creation of a shared global germplasm resource through the systematic characterization of the elite irrigated breeding germplasm at the International Rice Research Institute	Roselyne Juma Uside

IRRC-0408	Genetic improvement	Creation of a shared global germplasm resource through the systematic characterization of the elite irrigated breeding germplasm at the International Rice Research Institute	ROSELYNE U. JUMA
IRRC-0093	Genetic improvement	Identification of CMS Maintainers and Restorers for Hybrid Rice Development in Ghana	Samuel Oppong Abebrese
IRRC-0060	Genetic improvement	GAMMA RAY AND EMS INDUCED MUTATIONS IN AROMATIC RICES	Sanjeev Singh
IRRC-0452	Genetic improvement	Comparative transcriptomic analysis of mesocotyl elongation in rice	Smita Kurup
IRRC-0402	Genetic improvement	Cold tolerance index of selected hybrids and parents at seed germination using seed weight reduction percentage	Stanley Omar PB. Samonte
IRRC-0406	Genetic improvement	Genetic diversity and genome-wide association studies for main culm node number and maximum node production rate in rice	Stanley Omar PB. Samonte
IRRC-0398	Genetic improvement	Genome-wide association mapping of quantitative trait loci conferring bakanae disease resistance in rice	Szu-Yu Chen
IRRC-0165	Genetic improvement	Effect of chalkiness on physicochemical properties of rice grain in four varieties	Thitinan Sreethong
IRRC-0620	Genetic improvement	A Novel QTL for Anaerobic Germination Tolerance in Rice: Coleoptile Elongation and Gene Expression on Seed Metabolism	Tomio NISHIMURA
IRRC-0542	Genetic improvement	A successful story of improving Ld 99-12-38 rice line for bacterial leaf blight resistance with marker assisted selection	W.D.P Weerasinghe
IRRC-0047	Genetic improvement	NSIC Rc222: A low hanging fruit for wet season in Bangladesh	Zilhas Ahmed Jewel
IRRC-0020	Genetic improvement	Molecular and Phenotypic Screening of Rice cultivars and promising Genotypes with SUB1 QTL for Submergence Tolerance, Stem Elongation and Survival percentage	Zulqarnain Haider
OT-0007	Genetic improvement	Green super rice hybrids in Direct seeded aerobic conditions: a boon to resource poor farmers	Senguttuvel P
8RGS-0010	Genetic improvement	Molecular detection of QTLs for agronomic and quality traits using rice lines adapted to the rainfed environment	Jirapong Jairin
8RGS-0038	Genetic improvement	Fine Mapping a novel interspecific hybrid sterile locus S52(t) between <i>Oryza sativa</i> and <i>Oryza meridionalis</i>	Ying Yang
8RGS-0039	Genetic improvement	Mapping of S46(t) for interspecific hybrid sterility between <i>Oryza sativa</i> and <i>Oryza glumaepatula</i>	Yu Zhang
8RGS-0040	Genetic improvement	Mapping five novel interspecific hybrid sterility loci between <i>Oryza sativa</i> and <i>Oryza meridionalis</i>	Jing Li
8RGS-0044	Genetic improvement	A New Rice Variety Bg 374 for Higher Yield Potential For General Cultivation of Sri Lanka	Pathmasiri Bandara Karunaratne
8RGS-0048	Genetic	Towards identification and characterization of key	Thibault Mounier

	improvement	transcription factors for root tissue differentiation in rice	
8RGS-0064	Genetic improvement	Grain Yield and Quality of the Main and Ratoon Crop of 'Presidio', 'Antonio' and Selected Elite Breeding Lines	Haiya Cai
Late	Genetic improvement	ECONOMIC ANALYSIS OF HYBRID RICE SEED PRODUCTION IN ASIA AND THE PHILIPPINES	Jesusa Beltran
Late	Genetic improvement	Discovery and evaluation of modern C4 like perennial rice	A.S.M Masduzzaman
Late	Genetic improvement	MARKER ASSISTED TRANSFER OF DROUGHT QTLs FOR DEVELOPMENT OF CLIMATE RESILIENT RICE VARIETIES	G.S. Mangat
Late	Genetic improvement	Field Screening of Rice Genotypes in Drought Prone Rainfed Environment	Dr Biswajit Karmakar
Late	Genetic improvement	Selection of High Palatability Japonica Rice Using Marker-assisted Selection and Eating Quality Traits in Recombinant Inbred Lines Population Derived from Weedy Rice( <i>Oryza sativa</i> L.)	Choon-Song Kim
Late	Genetic improvement	Genetic studies on the tolerance of Jungmo1024 during high temperature ripening condition and elite line development	Jeong-Ju Kim
Late	Genetic improvement	QTL detection for anaerobic germination tolerance derived from a weedy rice	Jong-Min Jeong