

Category	: 8th Rice Genetics Symposium
Select Theme	: Genetic improvement
Endorsement email	:
Keyword 1	: Genetic gain
Keyword 2	: Hybrid rice
Keyword 3	: Breeding Strategy
Title of Entry	: Translating 90 Years of Hybrid Breeding Legacy To Increase Yields and Productivity Of Hybrid Rice – Learnings and Opportunities
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Select only one type of presentation	: 15 minute oral presentation
Abstract	<p>: In early 1920's Henry A. Wallace then experimenting with hybridization of corn became convinced that hybrid seed corn significantly increases yields over Open Pollinated Varieties (OPVs). In 1926 he founded the "Hi-Bred Corn Company". Henry A. Wallace went on to become the vice president of United states and the company he founded, Pioneer Hi-Bred went on to become one of the largest seed companies in the world that produces, markets and sells hybrid seed corn in nearly 70 countries worldwide. The company also initiated breeding for hybrids or improved varieties of sorghum, sunflower, soybean, alfalfa, canola, rice and wheat, as well as forage and grain additives. In its over 90 years of breeding hybrid Corn Pioneer has brought in many disruptive innovations in the seed industry to increase the productivity and improve livelihoods of millions of farmers world-wide. DuPont Pioneer now a part of Corteva Agriscience™, Agriculture Division of DowDuPont™, is poised to bring breakthrough technologies to Asia's largest crop Rice. Hybrid Rice technology on its maturity could influence livelihood of millions of small farmers in Asia and around the world, while emphasizing the sustainability of the rice farming ecosystem for generations to come. We discuss some of the opportunities of 90 years of learning and innovation in hybrid breeding for hybrid rice.</p>

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