

Category	: International Rice Research Conference
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Keyword 1	: Breeding Strategy
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Title of Entry	: Ciherang Reborn: Will The Success Story Repeat Itself?
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Select only one type of presentation	: 15 minute oral presentation
Abstract	<p>: Ciherang is the most extensive planted rice variety in the Indonesian. Ciherang was released as rice variety in 2000 and successfully replaced the previous dominant varieties, IR 64 just five year after released. The wide adoption of Ciherang because of its acceptable to farmers preferences including high yield, resistance to major disease and good grain quality. The distribution of Ciherang and followed by rice national program contributes significantly for increasing national rice productivity as much as 0,5 ton/ha during 2005-2014. The replacement of IR64 by Ciherang gave an economical benefits Rp 67 trillion in 2014. Recently, Ciherang become vulnerable to pest and diseases and get low yield due to more occurrence the abiotic stresses such as drought, submergence, salinity and etc. Rice breeding program to develop reborning Ciherang is being conducted in Indonesian Center for Rice Research. More than 40 new varieties were released, it becomes Ciherang as a bench mark. Among of them, INPARI 30 CIHERANG SUB1 and INPARI 32 HDB are potential to replace Ciherang. Currently, some promising lines derivate from Ciherang with high yielding, tolerant to salinity stress, resistant to main pest and diseases, and with grain quality as good as Ciherang. Here, we discuss the successful of dissemination Ciherang rice variety through national program and the breeding program to develop rice varieties that could be reborning new Ciherang.</p>

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