**Dawn of a new era in rice improvement**

News
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Traditional rice varieties encompass a huge range of potentially valuable genes. These can be used to develop superior varieties for farmers to take part in the uphill battle of feeding an ever-increasing world population (estimated to reach 9.6 billion by 2050). The genes linked to valuable traits can help breeders create new rice varieties that have improved yield potential, higher nutritional quality, better ability to grow in problem soils, and improved tolerance of pests, diseases, and the stresses, such as flood and drought, that will be inevitable with future climate change.