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	factor; Dissection of defence response pathways in rice; Breeding for nutritional characteristics in cereals Biosynthesis of B-carotene (provitamin A) in rice endosperm achieved by genetic engineeringDeveloping transgenic grains with improved oils, proteins and carbohydrates; Summing-up: cutting-edge science for rice improvement - breakthroughs and beneficiaries; Index of contributors; Subject index
Sommario/riassunto	Rice is the most important food crop for half the world's population. Over the last three decades, the improvement in human nutrition and health in Asia has largely been attributable to a relatively stable and affordable rice supply. The challenge to produce enough rice for the future, however, remains daunting, as the current rate of population growth outpaces that of increases in rice production. Science has a central role to play in raising rice productivity and this book highlights areas of plant science that are particularly relevant to solving the major constraints on rice production. Ex