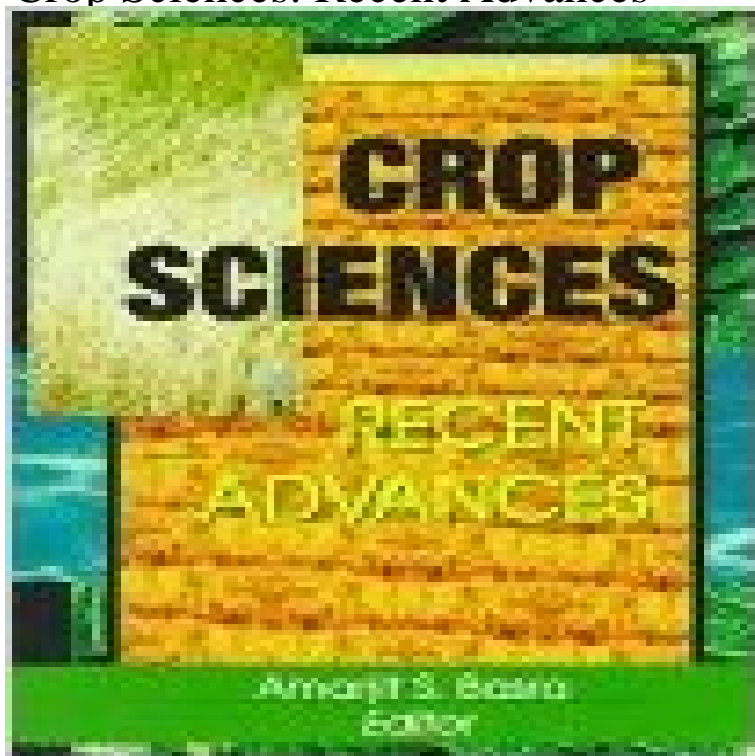


Crop Sciences: Recent Advances



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diploid species of cotton, using starch gel electrophoretic techniques for isozyme detection in conjunction with multivariate analysis address recent research efforts focusing on the molecular mechanism of heterosis describe techniques used to exploit microsatellite variability as molecular markers and classify these approaches into four different experimental strategies correlate the preliminary results obtained by molecular biology with the recent advances in understanding the hormonal control of dormancy in developing seeds study the sensitivity of plants to water deficit during meiosis and flowering--the two peaks of sensitivity examine how low temperature affects germination and early seedling growth of canola in Canada, in relation to biochemical and molecular processes discuss the importance of global environmental change in relation to world crop production review the current situation of crop production in China (with a focus on grain production), along with strategies to meet future food needs of its population

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