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Preharvest Sprouting of Extremely Early-maturing Rice Cultivars with High Palatability and Its Relation to Falling Number Value

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Abstract:

Extremely early-maturing rice cultivars often exhibit preharvest sprouting. A varietal difference has been found, and Koshihikari was more tolerant to preharvest sprouting than Mineasahi or Kinuhikari. Earlier planting caused more preharvest sprouting than later planting. Lodging caused preharvest sprouting. Falling number value, which was reported to be correlated to α -amylase activity and used for the study of wheat preharvest sprouting, could be applicable to rice.

Keywords:

Falling number, High palatability, Preharvest sprouting, Rice

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