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A Simple and Low-Cost Method to Classify Amylose Content of Rice Using a Standard Color Chart

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Abstract: An alternative method to classify amylose content in rice was developed. In this method, based on amylose-iodine colorimetry, a standard color chart was used instead of a spectrophotometer to successfully classify a wide range of cultivars with known and unknown amylose content. This is a rapid low-cost method that may be useful for prediction of amylose content in rice for breeding purposes.

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