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UTILIZATION OF ELETROPHORETIC TECHNIQUES FOR CHARACTERIZATION AND GENETIC STUDIES IN MAIZE

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Eletrophoretic patterns of seed storage proteins in denaturing gels (SDS-PAGE) can be used for characterization of malze cultivars. This approach was used to characterize malze cultivars with different cycles (very early, early and normal), and to study correlations among protein patterns and several parameters related to seed physiological quality. Preliminary results have shown that this method is potentially useful for discrimination of malze genotypes.