

**ELECTROPHORETIC STUDIES ON PROTEINS OF SOME COMMONLY GROWN
VARIETIES OF WHEAT SEEDS IN RELATION TO LEVELS OF AFLATOXIN
PRODUCTION**

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ABSTRACT

Seeds of nine varieties of wheat were studied by using the technique of polyacrylamide gel electrophoresis (PAGE) and the banding pattern was correlated with the levels of aflatoxin production. PAGE was run both under native and reduced conditions (SDS PAGE). It was observed that those varieties which showed more diverse kinds of proteins showed more resistance to aflatoxin production. On the other hand those varieties which showed lesser kinds of proteins showed lesser resistance to aflatoxin production.

KEY WORDS: PAGE, SDS- PAGE, Aflatoxin, Resistance