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ESTIMATION OF PATH COEFFICIENT IN SORGHUM (SORGHUM BICOLOR L.)

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ABSTRACT: Path coefficient analysis was conducted on twenty sorghum hybrids during 1998 and 1999 at Research Farm, College of Agriculture, JNKVV, Indore. Path analysis, taking grain yield as dependent variable suggested that number of grain per panicle had the highest positive direct effect on grain yield per plant followed by plant height, length of panicle, number of secondary branches per primary branches, 1000-grain weight, number of nodes per plant and length of last internode, indicating their importance in determining the grain yield.

Key words: *Path coefficient analysis, Sorghum*