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RESEARCH ARTICLE

Heterosis for yield components in rice (*Oryza sativa* L.)

■ S.B. Verma

SUMMARY

Heterosis was estimated as per cent increase or decrease of F_1 values over either heterobeltiosis and over best variety Sarjoo 52. The relative magnitude of heterosis over better parent and standard variety has been studied for ten characters in twenty four hybrids. The nature and magnitude of heterosis differ from character to character depend upon hybrid combinations. Out of 24 F_1 s fifteen and eleven hybrid exhibited significant positive heterosis over better parent and standard variety for grain yield. The cross IR 58025 A x NDRK 5026 (BP) and PMS 10 A x Swarna (SV) were best hybrids.

Key Words : Heterobeltiosis, Rice, Hybrid yield

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