

## RESPONSE OF TWO RICE VARIETIES TO ZINC AS INFLUENCED BY PHOSPHORUS APPLICATION

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### ABSTRACT

*In a pot experiment rice varieties Kashmir Basmati and IR-6 were compared for their response to Zn application under varied rates of applied P. At lower P rate cv. IR-6 responded to applied Zn significantly lesser than cv. Kashmir Basmati, but at higher P rates response to Zn for shoots and roots yield of cv. IR-6 was significantly higher than cv. Kashmir Basmati. Application of Zn improved root/top ratio at all rates of P and increase was more at lower compared to higher rates of applied P. Variety x Zn interaction was significant for top growth indicating a higher response of cv. IR-6 to applied Zn while the two varieties produced similar dry matter yield where Zn was not applied.*