

Seed germination studies in relation to stage of harvest in soybean [*Glycine max* (L.) Merrill]

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SUMMARY

Quality of soybean [*Glycine max* (L.) Merrill] seed depend upon the stage of harvest. The study was undertaken among five genotypes viz., JS-93-05, JS-335, MAUS-71, MAUS-81 and MAUS-158. Per cent germination, vigour index, shoot and root length, fresh weight and dry weight of seedling differed significantly in all the genotypes. The seed crop harvested between physiological maturity and 7 days after physiological maturity was superior in germination and most of the seedling vigour components. The genotypes MAUS-158 recorded maximum germination while highest vigour index and shoot length was exhibited by MAUS-71.

Key Words : Germination, Vigour, Maturity, Fresh weight

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