

Evaluation of different soybean [*Glycine max* (L.) Merrill] genotypes for shattering resistance

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Received June 26, 2017 and Accepted September 22, 2017

ABSTRACT : The differences of LAI, plant height, number of shattered pods per plant, seed yield per plant, seed yield per hectare and shattering score of each genotypes at different harvesting stages were considered as indices of shattering. There was an increase in number of shattered pods per plant with delay in harvesting beyond five days after physiological maturity in susceptible and tolerant varieties but in resistant variety beyond ten days after physiological maturity. The decrease in LAI, seed yield per plant and seed yield per hectare was observed with delay in harvesting after physiological maturity. The plant height was more in pod shattering susceptible varieties than the tolerant and resistant varieties.

Key Words : Harvesting stages, pod shattering, soybean.