

# **Influence of Stage of Harvest on Nutritional Values and Agronomic Traits of Vegetable Soybean Genotypes. (C01-mebrahtu060859-Oral)**

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## **Abstract:**

Vegetable soybean is harvested when the seeds have reached full size and the pods are still green and as consumers are now demanding nutritious and quality products, it is imperative to define the proper stage of harvest of vegetable soybean. Thirteen vegetable soybeans were planted in randomized complete block design with four replications. Each genotype was harvested every five days beginning 30 days after 50 % of the plants reached flowering stage and till the pods on the lower of the plants turned yellow. There were four harvesting periods. The genotypes were evaluated for green pod yield and yield components. The pods were shelled, freeze dried, ground, and analyzed for nutritional values. Significant harvest date, genotype, and harvest date by genotype interactions were observed for the measured agronomic traits and nutritional values analyzed. Harvest period of 40-45 days after flowering gave commercially acceptable quality beans. Detail results of various agronomic traits and nutritional values will be presented and discussed

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