

Comparative trial on the quality and yield of introduced vegetable soybean lines

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Thirteen introduced vegetable soybean lines were evaluated for the quality and yield. Of these, line AGS292 was 6.19 %higher in total plant yield, 10 days earlier in maturity, and 26.16% more in the yield of the pods with more than two seeds as compare with the check variety (Tzu-Zu-Noku 205).

Fresh seeds of the 13 vegetable soybean lines were analyzed for their chemical composition, protein contents ranged from 37.68 to 42.6%, sugar contents from 7.64 to 11.57%, starch contents from 9.14 to 10.73%, and oil contents from 17.23 to 19.98%. On the other hand, the thawed seeds after freezing of the 13 lines contained 36.55-42.98%, protein 10.15-14.6%, sugar 9.14-10.73% starch and 17.23-19.98% oil.