

## عنوان مقاله:

Feasibility Study of Cultivation of Vegetables Using a Native Planter in Khuzestan

## محل انتشار:

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## خلاصه مقاله:

Objective: In recent years, farmers have shown great interest to using native drill planter rather than complex planters to grow vegetables. Methods: In this study, we tested a native planter Independent variables were the two types of substrate surface (asphalt and plowed field), three ground speed (3, 5 and 7 kph) and four types of seeds (tomatoes, onions, radishes and lettuce). Dependent variables were the seeds lateral dispersion coefficient compared to the straight line, seed shedding rate per unit area. effect Percentage of metering device on seed viability, and breakage percentage of seeds after crossing the metering device. Results: The results showed that, the rate of seed shedding per hectare declines in all seeds along with increasing ground speed. However the lateral dispersion coefficient of the straight line planting has increasing trend along with increasing ground speed and the both parameters are lower in asphalt substrate surface than the cultivated ground. breakage percentage of seeds and effect Percentage of metering device on the viability of seeds after passing through the planter are also very low. It assume that use of the planter in front of method of hand cultivation reduce some costs such as costs of seeds purchase

## کلمات کلیدی:

Planer , Vegetables , Ground speed , Test , Seed

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/443194>

