

7. Transplanted sweet corn

Type: (Improved method) Date: 2018, 2019 Patent:- NA

Description of Technology

Take polybags of 250-300 g soil capacity and fill it with mixture of soil sand and manure in the ratio of 2:1:1

Place seeds on the bags at a depth of 1 cm and keep the poly bags under protected condition if the temperature is still low.

With regard to green cob yield with and without husk, *Mithas* hybrid yielded higher by 13% and 14.7 %, respectively.

Transplanting method resulted in 29 and 32% increase in green cob yield with and without husk, respectively.

A net profit of Rs 4,11804 and Rs 3,51724 and B: C ratio of 4.48 and 3.83 was realized in *mithas* and Sugar-75. Transplanting registered 20 % higher net profit. Highest net profit and benefit cost ratio was realized in fertility level (10t FYM+150 N:60P:45K per ha).

Name of Inventor

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Seedlings in polybags Transplanting



Transplanted seedlings



Impact

Popularization of sweet corn in combination with transplanting technique can bring the technology to the door steps of every kitchen garden, for higher profitability and nutritional diversification.

Commercial Applicability

The technology can be exploited for the sale of seedlings, raising the crop on a smaller scale too early in the season and enhance the productivity of the crop. Transplanting results in 20% higher profits.