



## 7. Transplanted sweet corn

Type: (Improved method)

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Patent:- NA

### **Name of Inventor**

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### **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.

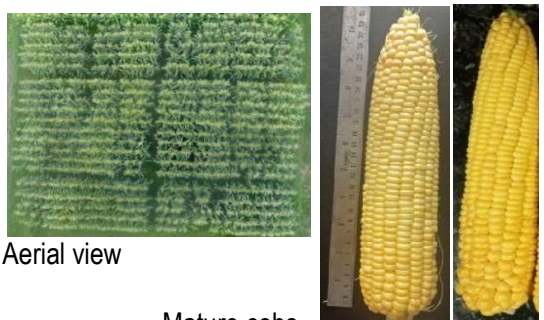
A net profit of Rs 4,11804 and Rs 3,51724 and B: C ratio of 4.48 and 3.83 was realized in *mithas* and Sugar-75. Transplanting registered 20 % higher net profit. Highest net profit and benefit cost ratio was realized in fertility level (10t FYM+150 N:60P:45K per ha).



Seedlings in polybags Transplanting



Transplanted seedlings



Aerial view

Mature cobs

### **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.