

### **Beni Singh and inplant germination of sugarcane**

Beni Singh has developed a process in which induce bud germination is induced within the sugarcane plant itself. He cuts the sets (nodes) and sows the early-germinated nodes instead of sowing sugarcane sets in the field and then letting them germinate there. This way the crop cycle is reduced by about one month, which is a huge benefit for farmers as it saves them the cost of two-times use of growth promoters and tractor-based operations.

The survival rate of the sugarcane plants so started is almost 100% as the planting is done after germination. Cost is reduced because germination is sure, and uniform plantation is achieved, thus saving on labour for replanting. Further, a new enterprise of a nursery for sugarcane sowing can be developed.

Beni Singh hails from Rohtak, Haryana and has always been interested in new developments in agriculture and animal husbandry. He has always tried to bring experiences and technologies from outside and to experiment with them on his field.

Apart from this, he has a number of innovations to his credit such as 21-feet tall sugarcane stalks developed without any use of fertiliser or pesticide, a new technique for reducing chemical and insecticide residue hazards, as well as traditional household cures for dysentery and cough in livestock.

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[http://sri.ciifad.cornell.edu/othercrops/SSI/SSIHaryana\\_BeniSingh\\_Method.pdf](http://sri.ciifad.cornell.edu/othercrops/SSI/SSIHaryana_BeniSingh_Method.pdf)