

INNOVATION OF FARMERS IN GADAG DISTRICT

Compiled by: KVK, Gadag

NAME OF THE INNOVATIVE TECHNOLOGY : *IMPROVED INTER CULTIVATION IN GADAG DISTRICT* *IMPLEMENT IN IRRIGATED GROUNDNUT*

1) Description of innovation: Mr. Ashokappa Shivanandappa Mudigannavar of Jantli-Shirur village of Mundaragi block in Gadag district has innovated improved inter cultivation implement for usage in irrigated groundnut where sowing is taken in criss cross method. Normal inter cultivation is not possible in this method of sowing. This implement is made with five 16 mm bars of 1.8 inches length with sharpened end fixed to the wooden plank at 4 inch interval. This implement is bullock drawn in the groundnut crop. This operation loosens the soil and facilitates easy weeding.

2) Problem statement: Farmers of Jantli-Shirur village take up criss-cross method of sowing of groundnut under irrigated condition. Inter-cultivation cannot be taken under this method of sowing. Availability of labours for weeding is the major problem and cost of weeding is more because of the hardness of the soil. To solve this problem, Mr. Mudigannavar has innovated the idea of improved inter cultivation implement so as to facilitate easy weeding operation. The innovation is original idea of the farmer.

3) Process of Technology Development: The idea of developing the innovation is conceptualised by the farmer. During 1997-98 the farmer conducted the trial on his farm and found the intercultivation implement to be very suitable.

4) Relative advantage of innovation:

- The innovation is very simple and it is cost effective (About Rs.450-500)
- More than 50 percent of the labour cost on weeding is saved
- There is Increased groundnut yield of about 1.5 - 2.5 quintals per acre due to loosening of soil & timely weed control

5) Replication and promotion:

As the implement is most suitable and cost effective all the farmers of Jantli-Shirur village use the implement for inter cultivation in groundnut grown under irrigated

condition. The innovation is not so far presented in the scientific forum and not published in the farm journals.

6) Recognition: The innovation is being recognised by all the groundnut growing farmers of the area.

7) Supporting documents



8) Profile of farmer

a. Photograph of farmer



Mr. Ashokappa S. Mudigannavar

b. Name and address

Mr. Ashokappa Shivanandappa Mudigannavar

At & Post: Jantli Shirur

Tq.: Mundargi

Dist.: Gadag

Karnataka

c. Phone No. : 9760950545

d. Age: 40 years

e. Educational qualification: 3rd standard

f. Land holding : 8 acres

g. Farming experience : 25 years

h. Social recognition : Member of Gram Panchayat