

Early Wheat Variety (DBW-187) Becoming Popular Among Farmers for Their Yielding Trait in District Amroha: Case Study

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Situation analysis/ Problem statements:

Mr. Jaiveer Singh, Village: Kumrala, Post: Gajraula, Block: Gajraula, District: Amroha, a farmer who was selected for this demonstration. He was earlier involved with local variety of wheat DBW-373. This variety was low in yield.

Plan, Implement and Support:

KVK Amroha tries to make them aware regarding adoption of new wheat variety DBW-187 under timely sown condition. That starts from land preparation to harvesting. This KVK has encouraged the farmer for soil testing and on the basis of that farmer was advised for balanced dose of chemical fertilizer with high yielding varieties DBW-187. That was sown on 11-11-2022-23 with line sowing and fertilizer application was done with basal application in which half dose of nitrogen full dose of SSP and full dose of MOP as recommended. Rest nitrogen used after first & with second irrigation.

Output:

Mr. Jaiveer Singh adopted the balanced dose of chemical, fertilizer (N:P:K:S:120:60:40:30) kg/ha in Wheat crop as per suggestion of KVK's scientist for his 0.25 ha land. His local yield was 41.50 qt with recommended technology. His yield increased by 20.39 % with yield 52.13 qt. The economical gain in terms of per unit expenditure gross income, net return and BCR are recorded. Rs. 40125, Rs 132293, Rs. 93168 and 3.30 correspondingly.

Outcome:

Wheat crop is the major cereal crop of the district. KVK Amroha conducted 12 demonstrations in 05 villages during 2022-23 in an area of 4.8 ha at farmers' field with using HYV DBW-187 and balanced dose of chemical fertilizer (N:P:K:S:120:60:40:30) kg/ha. This variety has been disseminated in 20 villages of the district in area of approximately 250 ha. The outcome of this



demonstration motivated the farming communities to replace their old varieties, non-descriptive varieties. Mr. Jaiveer Singh is very happy on improvement in their income, livelihood and set forth example for others.

Impact:

Mr. Jaiveer Singh is becoming one of the progressive and learned farmers for others with regards to popularization of DBW-187. This technology helps him for livelihood, empowerment and make him enthusiastic regards cereals production. He is one of the progressive farmers after a becoming a part of KVK activities and get their effectiveness for his own development. Mr. Jaiveer Singh is very happy with this improved production and management technology and set tenth example for other farmers of the district.

