

SUCCESS STORY



IMPACT OF PROJECT NAFCC IN RESPECT OF BLOCK BHALWAL DISTRICT JAMMU DURING THE YEAR 2017-18

**UNDER THE ABLE GUIDANCE OF WORTHY DIRECTOR AGRICULTURE
JAMMU SH. H.K. RAZDAN, SUB DIV. AGRICULTURE OFFICER- MARH
JAMMU SH. R.S. JAMWAL & JAO S. AMRIK SINGH**

REPORT PREPARED BY

JASWINDER SINGH, SARVJEET SINGH, MADHU RANI & ANIL GUPTA

AEA'S ZONE BHALWAL

SUCCESS STORY - IMPACT OF PROJECT NAFCC IN RESPECT OF BLOCK BHALWAL DISTRICT JAMMU DURING THE YEAR 2017-18

The National Adaptation Fund for Climate Change (NAFCC) is a Central Sector Scheme which was set up in the year 2015-16. The overall aim of NAFCC is to support concrete adaptation activities which mitigate the adverse effects of climate change. The activities under this scheme are implemented in a project mode. The projects related to adaptation in sectors such as agriculture, animal husbandry, water, forestry, tourism etc. are eligible for funding under NAFCC. National Bank for Agriculture and Rural Development (NABARD) is the National Implementing Entity (NIE).

With implementation of NAFCC in J&K State there has been a significant improvement in production and productivity which has ultimately resulted in changing the financial scenario of the farming community. Besides economic upliftment, NAFCC has directly and indirectly contributed for social reforms.

Twenty Five (25) villages of Block Bhalwal District Jammu were brought under NAFCC Project as whole area of Block Bhalwal is rainfed without any assured source of irrigation. Village Gharota was also selected among those villages.

Gharota is a Village in Bhalwal Block in Jammu District of Jammu & Kashmir State situated at an altitude of 1000 ft with GPS Coordinates as N32° 51.895 & E 074° 45.400.

The present Success story is about the beneficiaries covered under NAFCC Project. In the year 2017-18 six no. of Bore wells were installed on 50% subsidy in the fields of six farmers at Behara falling under Village Gharota Block Bhalwal Jammu to evaluate the impact of assured irrigation on the socio-economic condition of the farming community.

The list of beneficiaries of Village Gharota where bore wells were installed are as under :-

S.NO	NAME OF THE FARMER	PARENTAGE	CATEGORY
1	LAL SINGH	SHIV RAM	GEN
2	RAMESH CHANDER	MELLA RAM	OBC
3	ASHOK KUMAR	BINDRU RAM	OBC
4	NITTU RAM	GULLU RAM	OBC
5	KRISHAN DASS	SHANKA RAM	SC
6	KRISHAN SINGH	DHARAM SINGH	GEN

SCENARIO BEFORE INSTALLATION OF BOREWELLS

As Block Bhalwal falls under rainfed area the cropping pattern adopted by farmers was Maize –Wheat and fodder to a very little extent which results in very poor socio-economic condition of farmers due to subsequent crop failures because of Climate change as they were totally dependent on rains.

Due to the regular crop failures and low farm income the farmers of this area were shifting towards other professions leaving agriculture aside. The farmer's per capita income was diminishing day by day due to no regular source of livelihood. Because of this deplorable condition of the farming

community most of the farming families were moving towards urban areas for want of regular income to let their both ends meet.

SCENARIO AFTER INSTALLATION OF BOREWELLS

With the efforts of J&K State Agriculture Department in general and field functionaries of Zone Bhalwal in particular the farmers were made aware about the global climate change scenario and importance of adopting Climate Resilient Agriculture techniques under project NAFCC. Various activities falling under NAFCC were carried out in the FY 2017-18 which include Base line data collection and support to the farmers for protected cultivation, creating awareness among the farmers by field demonstrations, seed support by providing climate resilient varieties for mixed farming/inter-cropping, importance of Soil Health and use of Organic fertilizers (Vermicompost) , Integrated Pest/ Nutrient Management and support for various irrigation facilities (Bore wells/ Drip irrigation/ Sprinkler sets) .

With the installation of bore wells in this particular area, a sea change in the socio economic condition of the farmers is noticed within a short span of time. The farmers involved themselves in the various allied agricultural activities such as dairying, multiple cropping and vegetable growing because of the assured source of irrigation available to them.

The farmer namely Lal Singh S/o Shiv Ram R/o Behara who is holding 12 Kanals of Land was sowing Maize crop in 6 Kanals of land only during Kharif season with meager production prior to the installation of Bore well. But after the installation of Bore well this particular farmer has brought his whole land under different crops with 9 Kanals under Paddy, 2 Kanals under Maize and 1 Kanal under fodder. Moreover due to the regular source of water he has bought 2 No's of Milch cattle's which has added to his regular income.



PADDY NURSERY



PADDY AFTER TRANSPLANTING



VEGETABLES CULTIVATION (BRINJAL)



MAIZE CULTIVATION

PHOTOGRAPHS OF SH. LAL SINGH S/O SHIV RAM WITH MULTIPLE AGRICULTURAL ACTIVITIES

Another farmer namely Ramesh Chander S/o Mella Ram R/o Behara who is holding 16 Kanals of Land was sowing Maize crop in only 8 Kanals of land due to no source of irrigation But after the installation of Bore well this particular farmer has brought his whole land under Paddy, Maize and fodder. Moreover due to the assured source of water he has bought another 2 No's of Milch cattle's and has adopted dairying which has added to his farm income.



DAIRY FARMING



PADDY CCULTIVATION



MAIZE CULTIVATION

PHOTOGRAPHS OF SH. RAMESH CHANDER S/O MELLA RAM WITH MULTIPLE AGRICULTURAL ACTIVITIES

Similarly the other farmers mentioned in the table above have also adopted multiple agricultural activities and increased their farm income. Besides economic upliftment this has also resulted in the social upliftment of the farming community by engaging all the family in agriculture and its allied activities which are illustrated in the pictures depicted below.



PHOTOGRAPHS DEPICTING INVOLVEMENT OF FAMILY MEMBERS IN MULTIPLE AGRICULTURAL ACTIVITIES



FARM PRODUCE AFTER ASSURED IRRIGATION



VERMICOMPOST UNIT IN OPERATION

PHOTOGRAPHS DEPICTING INVOLVEMENT OF FARMERS IN MULTIPLE AGRICULTURAL ACTIVITIES

Thus it is evident from the above facts and pictures that with the painstaking efforts of Agriculture Department and introduction of Project NAFCC the socio-economic condition of the farming community has improved a lot. Providing assistance under NAFCC has significantly contributed for social reforms as the farmers benefitted under this project are providing support to the other farmers in the vicinity which connects them socially also.

Initially, under this particular project only 25 Villages were selected covering only 50 No's of farmers from each village thereby depriving the remaining farmers/villages from the benefits of Project NAFCC. In the larger interest of the farming community this project needs to be implemented in the whole Block covering each & every farmer so that the vision of doubling farm income envisaged by our Worthy PM may be achieved at an earliest

**INNAUGURATION OF COMMUNITY BOREWELL AT VILLAGE MARJALI BLOCK
BHALWAL UNDER NAFCC BY WORTHY DIRECTOR AGRICULTURE JAMMU**



FIELD VISIT OF DIRECTOR AGRICULTURE, JAMMU SH H K RAZDAN ALONGWITH SH JAGMOHAN BHAT DEPUTY DIRECTOR CENTRAL, SH R S JAMWAL SDAO, MARH AND OTHER DIGNITARIES OF AGRICULTURE DEPARTMENT



MEDIA COVERAGE

Dir Agri inspects progress on farmers welfare programmes under NAFCC

HIMALAYAN MAIL NEWS
JAMMU, JUNE 22

Director Agriculture, Jammu Hari Krishan Razdan today inspected the progress of ongoing farmer welfare programmes being implemented under National Adaptation Fund for Climate Change project (NAFCC) and other centrally sponsored schemes in Bhalwal.

The Director, Agriculture also inaugurated a community deep bore well at village, Marjali which has been installed with 100% assistance by the department under NAFCC. The water from the bore well would be stored at the community pond which would facilitate the irrigation needs of the village.

He asked the farmers to take full advantage of this unique facility by growing multiple crops of vegetables, pulses and fodder to uplift their financial status. He informed that the upkeep and maintenance of this bore well facility would be looked after by the Village Committee constituted



for the purpose.

He also inspected the individual bore wells dug with the assistance of the department at Marjali, Berha, Lower Gharota, Sobka and Dumi under NAFCC, besides inspecting the agricultural fields.

A team of officers, accompanying the Director, also inspected the line sowing demonstration of maize crop in the field of Narotam Singh at Gharota and bower system for raising vegetables in the field of Ramesh Singh at Dumi.

The Director asked the farmers to diversify their farming through apiculture, mushroom, seed production, vegetable cultivation and adoption of latest agriculture technology to achieve the goal of doubling the farmer's income.

He directed the field staff to make all out efforts to achieve the higher sustainable level of agriculture production in the Kandi belt.

Earlier, Sub Divisional Agriculture Officer, Marh Rajinder Singh Jamwal presented the overall view

of the various activities undertaken by the department under NAFCC project/CSS for the welfare of the farmers including establishment of 19 bore wells, 13 Vermicompost units, and 22 vermi-bed units in the area.

The Director was accompanied by the team of officers including Jagmohan Bhat, A.K Arora, Arun Makhnotra, J.C Raina, Dinesh Sharma, B.K Kaul, Vikas Sharma, Amrik Singh and other field functionaries including JAEs and VAEs of the area.

Dir Agri inspects progress on farmers welfare programmes



Director Agriculture, H.K Razdan dedicating a community deep bore well at Village Marjali.

■ STATE TIMES NEWS

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