



**STOP STUBBLE
BURNING PROJECT
REPORT**

NSS DEPT.

GOVT.COLLEGE ROPAR



**1.ARJUN KUMAR FROM GOVT. COLLEGE ROPAR
FARMER NAME-PARMJIT SINGH S/O HARDAYAL SINGH,
VILLAGE-RASHIDPUR, ROPAR (PUNJAB)**

My self ARJUN KUMAR student of B.COM at Government College Ropar. Under project of Punjab Pollution Board of Scientific solution of stubble burning in Punjab.We got the opportunity to work for helping farmers stop stubble burning through NSS.I got a village Rashidpur, Ropar and propagated Real Life solution technology to farmer PARMJIT SINGH. He agreed. I taught him to prepare the Re-Life solution for spray. He sprayed solution to stubble of his 7 acre land. He used around 34 litre of solution on field and after watered 2 times.The results of solution was good. It decomposed the stubble in 42 days. The farmer was very happy. They appreciated the government's effort in starting this project because it will save the environment and soil. They also want to use this RE-LIFE solution more in upcoming years.The farmer was very cooperative and whole experience was good.

2.NANCY

FARMER JASPREET SINGH ,VILLAGE KHANPUR

Myself nancy volunteer of Nss studying in Govt.college Ropar in bsc final year non medical.As we know that air pollution affect on us very much its inbalance our envoirement .If we see Punjab, every year there is so much stubble burning which cause a lot of pollution.For solving this problem Our pollution control board lauched a project which is about stubble burning .They making re-life solution which is made from fungus and bacteria.It help to covert stubble into fertilizer by abusing it .It is useful for soil of field and enhance its fertility. As we know that nowadays farmers using so much chemical fertilizers which is harmful for soil wealth.Our pollution control board made a solution which solve two problems in one way ,the re-life solution which abuse stubble and made it fertilizer.Pollution control board involve nss volunteers for knowing the views of farmers about this solution on their field.As a volunteer I got opportunity to attend a camp with IPS foundation.They give me duty to work with Jaspreet farmer whose village is khanpur .Jaspreet farmer have 4 acres land and he used 16 litre re-life quantity on 4 acres land and he proposed rotavator machine for incorporation .This re-life quantity was give to him 19 oct 2020 and he sprayed this liquid on his field .26 october 2020 was his first day of irrigation after spraying this re-life quantity on stubble.After 48 days later ,I see a huge change come on stubble ,the colour of it converts into light black .When its starts abusing he plowing his field with disk harrow .He sowing wheat crop on 11 november 2020.After few days I visited his village again and notice everything I want to know his view about this and he said to me that it is very effective. But we are too late to use it for our field if we use it so early then it doesn't took so much time for decomposing .And they are too late for sowing the crop and he also said that yield of crop is same as the older one.After his view I visit his village again 31january2021 and click view of field in my pictures that how much stubble covered crops as a fertilizer.And this is my report of farmer Jaspreet singh s/o avtar singh,village khanpur.

Thanks..

3.KAMALJIT KAUR

FARMER DALJIT SINGH,VILLAGE BHALLIAN

Myself kamalpreet kaur nss volunteer of govt.college ropar studying in ba final year.In Previous year 2020 pollution control board lauched a project of stubble burying which is related to pollution as well as farmers .They made solution which is made up from fungi and bacteria and this solution decomposed stubble.They involve nss volunteers for this project .I got an opportunity to work with them .They allotted me farmer Daljit singh whose village is bhallian .I visited his village during the process of re-life spray on stubble.He has 5 acres land and he use 20 litre re-life quantity .For incorporation he used rotatvator machine.He got a solution very late but when he used this solution its starts working very soon and I see changes stubble started to decomposed but it take so much time for decomped infact it don't take 45 days its take 55 days to decomposed.And finally he proposed rotavator for incorporation.His crop sown is wheat .After notice everything I know his view he say to me that its gets some benefit it comsume less water for the growth of crop and he also say that the yield of field is also looks better than the previous year crop.And this is the view of Daljit singh farmer from village bhallian .

Thanks.

4.JASKARAN SINGH

A.FARMER GURMUKH SINGH VILLAGE BEHRAMPUR BET

B. FARMER AJMER SINGH VILLAGE FATEHGARH VIRAN

My name is Jaskaran singh.I am NSS volunteer of government college ropar student of ba final.on the behalf of nss I joined a project which is organized by pollution control board for controlling pollution.They lauched a solution for stubble burning .The Re-life solution which formed from fungi and bacteria and decomposed stubble and made stubble like a fertilizer .I got a chance to work with two farmers whose are basically belongs near to my village .So first of I say about farmer gurmukh singh whose belongs to village behrampur bet he got a solution very soon after the meeting of all farmers so that he spray re life solution on 4 acres land with 16 litres quantity.And he said the stubble took minimum 40 days to show decomposing and he said that it took 49days to decomposed .After decomposing he powing his field with rotavator and his crop sown is wheat.After all of these I got his experience he said to me that its very effective and he also said that crop yield is dense as previous year crop of wheat .this is my report of Farmer Gurmukh singh village Behrampur bet.

Another Farmer Ajmer singh whose belongs to village fatehgarh viran .He has 3 acres land and he got 12 litres re-life solution.He used it all on his 3 acres land.After spraying the solution on field,he gave water to his field after a week of spray.I often visited to his village first 30 days there is no change but on 35th days its starts decomposing and it took 50 days for complete decomposed in his field .After this he used rotavator machine for incorporation of wheat .And all of these process his view is also positive but he also says that it took so much time for decomposing but its result seems to be good as he said it to see the yield of crops.this is my report about Farmer Ajmer singh village fatehpurh viran.

Thanks

**5. GURSEWAK SINGH
B.SC NON-MEDICAL (3RD YEAR)
GOVT. COLLEGE ROPAR.
FARMER NAME : S. MALKEET SINGH**

**ADDRESS: VILL. SALAHPUR, TEHSIL, CHAMKAUR SAHIB, DISTT.
RUPNAGAR.**

Date of Sowing Wheat Crop 3 November

Variety of Wheat Crop DBW-187

Machine used for sowing Happy seeder

Date of spraying Bacteria - 3 November

Quantity of Bacteria used 5 liter/acre

First irrigation 10 December

Seed Rate 46kg/acre D.A.P. 50kg/acre Urea 135kg/acre

Compliment from Farmer- S. Malkeet Singh said me that the stubble was started weakened by the bacteria in the period of 7 to 10 days after the spray but after that the stubble weakening was stopped because happy seeder not mixing the stubble in the soil and the other reason that the irrigation was done by using less water. S. Malkeet Singh said that by the end of season and in the beginning of harvesting of wheat crop all the stubble will decomposed in soil.

Thanking you

6.SATNAM SINGH

B.SC NON-MEDICAL (1ST YEAR)

GOVT. COLLEGE ROPAR.

FARMER NAME : S. GURMEET SINGH

**ADDRESS : VILL. SALAHPUR, TEHSIL, CHAMKAUR SAHIB, DISTT.
RUPNAGAR.**

Date of Sowing Wheat Crop 4 November

Variety of Wheat Crop DBW-187

Machine used for sowing Happy seeder

Date of spraying Bacteria 4 November

Quantity of Bacteria used 5 liter/acre

First irrigation 11 December

Seed Rate 46kg/acre D.A.P. 50kg/acre

Urea 135kg/acre

Compliment from Farmer S. Gurmeet Singh said me that the stubble was started weakened by the bacteria in the period of 10 to 12 days after the spray but after that the stubble weakening was stopped because happy seeder not mixing the stubble in the soil and the other reason that the irrigation was done by using less water. S. Gurmeet Singh said that by the end of season and in the beginning of harvesting of wheat crop all the stubble will decomposed in soil.

Thanking you

7.NAVJOT KAUR

FARMER NAME: KULDEEP SINGH - VILLAGE RASIDPUR

1. **Student's Name** Navjot
2. **farmer's Name:** Kuldeep Singh
3. **Father's Name** = Surjit Singh
4. **Vill** : Rasidpur
5. **Date of sowing wheat Crop** - Nov-1-20
6. **Re- life spray** = 20 Oct
7. **Variety of Crop** : 3086
8. **Machine used for sowing** – (Drill)
9. **Date of spraying bacteria used** : Dec-02-20
10. **Quantity of bacteria used** = 5 litre/one arch
11. **First irrigation** = 10-Dec-20
12. **Seed Rate** : 40kg/ arch
13. **Urea** = 90 kg / arch
14. **D.A.P** = 1 quantal



15. **Viewpoint of farmer** : S. Kuldeep Singh /Son of Surjit Singh said that stubble burning is most serious problem in today's time. But IPS Foundation gave very good idea to deal with this Problem because Now a days, like air pollution, decrease the fertility and microbial variety of land Re-life spray given by IPS foundation helped farmers to avoid stubble burning and make fast growing of wheat crop by using Method. Farmers said that they experienced good soil fertility and production of wheat increase. Due to this Method, Pollution was Controlled. The crop, grew in this field without any disease.

Thank you

Reported by

Navjot

B.Sc. Medical

IIIRD Year

GOVT. COLLEGE ROPAR

8.MANJINDER KAUR

FARMER NAME: NIRMAL SINGH - VILLAGE SHEKHUPUR

1. **Student's Name** : Manjinder kaur
2. **farmer's Name**: Nirmal Singh
3. **Father's Name** = Naranjan Singh
4. **Vill** : Shekhupur.
5. **Date of sowing wheat Crop** - Nov-1-20
6. **Re- life spray** = 21 Oct
7. **Variety of Crop** : 3086
8. **Machine used for sowing** – (Drill)
9. **Date of spraying bacteria used** : Dec-05-20
10. **Quantity of bacteria used** = 5 litre/one arch
11. **First irrigation** = 07-Dec-20
12. **Seed Rate** : 45 kg/ arch
13. **Urea** = 90 kg / arch
14. **D.A.P** = 1 quantal



16. **Viewpoint of farmer** : **S. Nirmal Singh /Son of Noranjan Singh** said that stubble burning is most serious problem in today's time. But IPS Foundation gave very good idea to deal with this Problem because Now a days, like air pollution, decrease the fertility and microbial variety of land Re-life spray given by IPS foundation helped farmers to avoid stubble burning and make fast growing of wheat crop by using Method. Farmers said that they experienced good soil fertility and production of wheat increase. Due to this Method, Pollution was Controlled. The crop, grew in this field without any disease.

Thank you

Reported by
Manjinder Kaur
B.Sc. Medical
IIIRD Year
GOVT. COLLEGE ROPAR

9.SIMRANJIT KAUR

FARMER NAME: AMARJIT SINGH - VILLAGE BAMA

1. **Student's Name** = Simranjit kaur .
2. **Farmer's Name** = Amarjit singh
3. **Father 's name** = Nirmal singh
4. **Vill.** : Bama
5. **Date of sowing** = 03.nov
6. **Re – life** = 21 oct 2020.
7. **variety** = DBW – 187 .
8. **Machine** = Happy seeder
9. **Date of spraying Bacteria** : 5- dec-2020
10. **Quantity of bacteria** : 5-liter .
11. **First irrigation** : 7-dec-2020.
12. **Seed Rate** : 45 kg
13. **Urea** = 80 kg
14. **D.A.P** = 1 quantile
15. **View of point of farmer** :- **S. Amarjit Singh S/O Nirmal Singh**. He was sharing his experience with us that for many years they are facing a lot of problems due to stubble burning in their fields. Due to this their microbial variety of the soil decreases and faces a lots of environmental pollution with the help of IPS foundation. We comes on the conclusion of Re-life spray which is decomposing stubble in our soil which makes soil fertility increases and increase microbial variety. Their field grows much more times than previous years.

Reported by
Simranjit Kaur
B.Sc. Medical
Ist Year
GOVT. COLLEGE ROPAR

10.SIMRANJEET KAUR

FARMER NAME: AMARJIT SINGH - VILLAGE LAKHOWAL

1. **Student's Name** = Simranjeet kaur .
2. **Farmer's Name** = Amarjit singh
3. **Father 's name** = Nirmal singh
4. **Vill.** :Lakhowal
5. **Date of sowing** = 04.nov 2020
6. **Re – life Spray** = 22 oct 2020.
7. **Variety** = DBW – 187 .
8. **Machine** = Happy seeder
9. **Date of spraying Bacteria** : 5- dec-2020
10. **Quantity of bacteria**: 5-liter.
11. **First irrigation**: 7-dec-2020.
- 12.**Seed Rate** : 47 kg
- 13.**Urea** = 85 kg
- 14.**D.A.P** = 1 quantile
15. **View of point of farmer**: - S. Amarjit Singh S/O Nirmal Singh. He was sharing his experience with us that for many years they are facing a lot of problems due to stubble burning in their fields. Due to this, their microbial variety of the soil decreases and faces a lots of environmental pollution with the help of IPS foundation. We comes on the conclusion of Re-life spray which is decomposing stubble in our soil which makes soil fertility increases and increase microbial variety. Their field grows much more times than previous years.

Reported by

Simranjeet Kaur

B.Sc. Medical

-Ist Year

GOVT. COLLEGE ROPAR

11.GANESH KUMAR
FARMER NAME – KULDEEP SINGH
VILLAGE – DALLA

Myself GANESH student of B.Com at Govt. College Ropar. under project of **Punjab Pollution Control Board** of Scientific solution of stubble burning in Punjab. We got the opportunity to work for helping farmers stop stubble burning through NSS. I got a village Dalla, Ropar and propagated the Real life solution technology to farmer **PARAMJIT SINGH** he agreed a thought him to prepare the water solution for spray. I sprayed solution to stubble of his **5 Acres land** and result of solution was good. It decomposed the stubble in **45 days**. The farmers was very cooperative and whole experience of was good.

Farmer Name Kuldeep Singh **Father Name** Dalwara Singh

Village Dalla (Punjab)

Date of sowing wheat Crop - 3 Nov.

Variety of wheat crop DBW-187.

Machine used for sowing - Dashmesh.

Date of spraying Bacteria -8 Nov.

Quantity of Bactria used 10 Liters.

First Irrigation 12 Dec.

Seed Rate 45 Kg.

D.A.P. 40 Kg

. Urea 140 Kg.

Area 5 Acres

Processing time 6 month

Spraying time 6 days

Spraying used 10 liter.

Reported By:

GANESH SHARMA
B.COM - 3
GOVT. COLLEGE ROPAR

12. Karamjit Singh

B.sc Non -Medical 3rd year

Government College Ropar

Farmer name - Sukhwinder Singh

Father name - Hazara Singh

Village – Behrampur Bet

Date of sowing - Wheat crop 1 November

Variety of Wheat crop – Unnat 550 ,210

Machine used for sowing - Rotavator

Date of spraying Bacteria - 3 November

Quantity of Bacteria used -5 litre/acre

First Irrigation - Rainfall

SECOND IRRIGATION- 4 January

Seed Rate – 50 kg/acre

D.A.P 150kg/acre

Urea 300kg/acre

Compliment from Farmer - Sukhwinder Singh said me that the stubble takes same time as it was taken by the soil to decompose the stubble i.e taking at least 35 – 40 days. The organic urea given to us makes no much positive effect in the soil and he further added that the urea is given to them very late , by this they got very affected at the time of soil irrigation. He further said that the whole process has proven to be very costly to them and a lot of farmers near and dear ones to him are very unhappy at this .

Thank you .

