Success stories of Sugarcane development in U.P.
District- Bijnor

Department of Sugarcane, Uttar Pradesh
Title – Achievements and application of new techniques in sugarcane Development.

1- Category – Cane Development and how to Increased Sugar Recovery.

2- Challenges –
   a- Low productivity.
   b- Sugar recovery below than the national average.
   c- Soil testing.
   d- Crop Rotation
   e- Green Manuring.
   f- Field preparing.
   g- Varietal selection and seed selection.
   h- Cane Planting techniques.
   i- Inter-cropping.
   j- Nutrient Management.
Irrigation Management.
Weed Management.
Disease and pest Management.
Eating up and Propping of sugarcane.
Ratoon Management
organic farming of sugarcane.

3- Initiative –

Soil Testing was not popular in farmers in district- Bijnor. After launching of R.K.V.Y and extension work of cane development department under guidance of DCO Bijnor. Soil Testing now has been become popular in farmers. Three sugar mills (Najibabad, Dhampur and Bahadarpur) have soil testing lab. In which cane development department offers soil sample testing to farmers.

Crop Rotation was not popular in district- Bijnor, after the effort of Cane development department, farmers adopting crop rotation in their fields. Due to crop rotation, farmers are adopting autumn planting of sugarcane by trench method in which they are taking inter-crop within two trenches.

Green manuring was not popular in farmers, now many farmers of district adopting green manuring (Dhaincha, Sunhemp etc) before the cane planting. Due to green manuring in these field C:N ratio is improving.

Farmers of district Bijnor were prepared their fields by harrow, tiller, and rotary tiller due to this a hard layer was developed in the soil. After the effort of cane development department many farmers of district Bijnor started deep ploughing by plough and Cheezlar.

The farmers of district- Bijnor was using mostly varieties i.e cos-767, cos-8432, cos-88230, cose-91269, cose-92423, cos-1148, colk-8102, etc. Now they are using high yielding and high sugar varieties i.e co-0238, co-0118, co-98014, co-05011, co-08272, cose-03234, cos-8276, cos-8279 etc. The area of early cane planting in year 2013-14 was 17.73% which has increased upto 75.30% in year 2016-17. Farmers was using whole sugarcane as a seed
now they are using only healthy, disease and pest free seed. Now farmers are using only 1/3 upper part of sugarcane as seed and rest 2/3 part is supplying to sugar mills. Cane seed treatment was not popular in district-Bijnor, Now with the efforts of District Cane Officer Bijnor, mostly farmers are treating their cane seed by Bavistin and other Fungicides. In Seohara, Dhampur, Bundki, Bahadarpur, Bilai, Barkatpur, Najibabad sugar mills has established hot water treatment plant. From which farmers were provide hot water treated cane seed for cane planting. Some farmers are also doing hot water treatment of cane seed by using their own instruments (Bhagona, gas stove, and therma meter).

The Farmers of district- Bijnor was doing traditional farming in which inter-row spacing was 50-60 cm with 3 budded sets. Now this technique is replaced by inter-row spacing by above 120 cm with single bud sets and double budded sets in single row and double row trenches. At the time of preparing of field mostly farmers was using FYM by spreading in field before the last ploughing. Now, they are using FYM and other organic manures in trenches. Farmers was using only DAP at the time of sowing. Now, they are using NPK, Micro-nutrient and insecticides at the time of sowing in trenches.

Inter-cropping was not popular among the farmers of district- Bijnor, after the efforts of cane development department it has become popular in farmers. The main inter-crops are :

a- **In autumn cane planting** - Peas, Rajma, Gram, Masoor, potatoes, Mustard, onion, Garlic, Dhania, radish, Cauliflower, Cabbage, wheat etc.

b- **In Spring Cane Planting** – Urd, Moong, Lady figure, cucumber, muskmelon, watermelon, long guard etc.

Farmers was using only urea in top dressing, now they are using urea, micro-nutrient, bio-fertilizers in trenches and water soluble fertilizers. They are also using NPK or SSP and MOP before earthing up.
General practice of irrigation was flood irrigation, now it is trench irrigation. Doing irrigation in trenches farmers saves upto 60% water as compared to flood irrigation. Now farmers are doing shallow irrigation in trenches in short time.
The main practice of weed management was ploughing by cultivators and manually, now it has been replaced by mini tractors between two trenches by many farmers of district- Bijnor. Many farmers also controlling weeds chemically.
The main disease of sugarcane is GSD and Pokkaha boeing, now farmers of district- Bijnor GSD is getting controlled by rouging and using hot water treated seed. Pokkaha boeing is getting controlled by using fungicides.
The main insect and pest are early shoot borer, stem borer and top borer etc. That is getting controlled by insecticides and bio-pesticides like Trichograma.
Earthing up and propping of sugarcane was not popular, now many farmers are applying earthing up and propping of sugarcane.
Farmers was not doing ratoon management due to which the production of ratoon was decreasing. Now farmers are applying following operation within 10 days of harvest of plant crop to obtain better establishment and uniform sprouting of buds.
1- Remove the trash from the field and do not burn it. Irrigate the field copiously.
2- Follow stubble shaving with sharp spades to a depth of 8-10 cm along the ridges of proper moisture.
3- Work with plough along with sides of the ridges to break the compaction.
4- The gappy area in the ratoon sugarcane crop should be filled within 30 days of stubble shaving. The sprouted cane stubbles taken from the same field is the best material for full establishment.
5- Apply basal dose of fertilizers more than 25% of plant crop.
Organic Farming of sugarcane is not popular in district-Bijnor, now some farmers (Mr. Sudhir kumar Village- Dhakka karamchand ) are doing organic farming of sugarcane by using organic manures, bio-fertilizers, bio-fungicides, bio-pesticides, panchgavya etc.

According to honorable cane commissioner of U.P farmers of 70 district visited bijnor for seeing and learning trench planting and inter-cropping techniques. Farmers of countries likes Sri-lanka, Norway, Phillippines, Indonesia and Vietnam also visited district bijnor to see and to gathered knowledge about trench planting.

4- Key Result :-

### Comparative Study Of Cane Development Since 2013-14 to 2016-17

<table>
<thead>
<tr>
<th>Particulars</th>
<th>2013-14</th>
<th>2016-17</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cane Area (ha)</td>
<td>209179</td>
<td>210269</td>
</tr>
<tr>
<td>Early Variety Percentage</td>
<td>17.73</td>
<td>75.30</td>
</tr>
<tr>
<td>Sugar Recovery Percentage</td>
<td>9.76</td>
<td>11.75 (expected)</td>
</tr>
<tr>
<td>Sugar Production (lacs Q)</td>
<td>64.74</td>
<td>101.00 (expected)</td>
</tr>
<tr>
<td>Add. Sugar Production (lacs Q)</td>
<td>0.00</td>
<td>37.00</td>
</tr>
<tr>
<td>Add. Sugar Valuation due to 4000/per bag (Crore Rs.)</td>
<td>0.00</td>
<td>1480.00</td>
</tr>
<tr>
<td>Cane Crushing (lacs Q)</td>
<td>664.88</td>
<td>864.00 (expected)</td>
</tr>
<tr>
<td>Extra Grower Income Due to cane price (Crore Rs.)</td>
<td>0.00</td>
<td>630.00</td>
</tr>
<tr>
<td>Extra Grower Income Due to sugar &amp; cane price (Crore Rs.)</td>
<td>0.00</td>
<td>2110.00</td>
</tr>
<tr>
<td>Cane Production (lacs Q)</td>
<td>1553.65</td>
<td>1682.00 (expected)</td>
</tr>
<tr>
<td>Average Yield (Q/ha)</td>
<td>584.72</td>
<td>800.00 (expected)</td>
</tr>
<tr>
<td>Highest Yield (Q/ha)</td>
<td></td>
<td>2397.50 Q/Hect. Mr. Pradeep Kumar S/o Vijendra Singh Village-Garhwal (Barkatpur)</td>
</tr>
</tbody>
</table>

Note :- In this way, in comparison of year 2013-14 to 2016-17 we produce about 2110.00 crore Rupees sugar and cane price in same area that is equal to 664.00 lac Q cane price.

In Cane competition under R.K.V.Y in year 2016-17 Mr. Pradeep Kumar village Garhawala(titosara), Mr. Vijay Kumar Jain Village- Sherpur, Rakesh Kumar...
Tyagi village- Karonada chodar participated. The Yield of these farmers were 2397.5 Q/Hect, 2221.00 Q/hect., 1812 q/hect respectively.

5- Impact :-

<table>
<thead>
<tr>
<th>Practices</th>
<th>Traditional farming</th>
<th>Technical farming</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil Testing</td>
<td>Not Doing</td>
<td>Doing</td>
</tr>
<tr>
<td>Crop- Rotation</td>
<td>Not Applying.</td>
<td>Applying</td>
</tr>
<tr>
<td>Green manuring</td>
<td>Not Doing</td>
<td>Doing</td>
</tr>
<tr>
<td>Deep Ploughing</td>
<td>Not Doing</td>
<td>Doing</td>
</tr>
<tr>
<td>Varietal Selection</td>
<td>Using Normal varieties.</td>
<td>Using high yielding varieties.</td>
</tr>
<tr>
<td>Seed Selection</td>
<td>Using normal cane as seed</td>
<td>using healthy, disease and pest free seed.</td>
</tr>
<tr>
<td>Cane planting techniques</td>
<td>normal planting by using 50-60cm inter row space.</td>
<td>Trench planting by using above 120cm inter-row spacing.</td>
</tr>
<tr>
<td>Nutrient management</td>
<td>Only using Urea and DAP</td>
<td>Using NPK, Urea, Bio-fertilizers, Micro-nutrients, water soluble nutrient.</td>
</tr>
<tr>
<td>Irrigation</td>
<td>Flood Irrigation</td>
<td>Trench Irrigation</td>
</tr>
<tr>
<td>Weed Management</td>
<td>By Manually and cultivators</td>
<td>by using mini tractors</td>
</tr>
<tr>
<td>Disease and pest management</td>
<td>By using chemicals</td>
<td>by using integrated disease and pest management</td>
</tr>
<tr>
<td>Earthing up and propping of sugarcane</td>
<td>Not doing</td>
<td>Doing</td>
</tr>
<tr>
<td>Ratoon Management</td>
<td>Not Doing</td>
<td>Doing</td>
</tr>
</tbody>
</table>

6- Lessons Learned :-

By using of technical farming Farmers can increase their production of sugarcane and income upto 3 times in same field. The agricultural practices of technical farming was difficult for farmers to apply but the cane development department has provided proper knowledge about whole process to farmers which has made farmers to do technical farming with ease. By adopting technical Farming District- Bijnor got famous in India and Foreign countries. District Bijnor making new records in sugar recovery and trench planting.
INSPECTION OF TRENCH PLANTING PLOT BY Mr. O.P. Singh (DCO Bijnor) and other officials.

PLOT OF PRADEEP KUMAR WITH DHAINCHA AS A GREEN MANURE
VISIT OF OTHER DISTRICT FARMERS WITH DCO BIJNOR

VISIT OF Mr. TORE FOREGENER FROM NORWAY.
CROP CUTTING IN THE YEAR 2016-17

Mr. O.P Singh (DCO Bijnor) GETTING AWARDED OF HIS FROM CANE COMMISSIONER.
PRADEEP KUMAR WITH HIS SUGARCANE HIGHT 17 FEET

INSPECTION OF TRENCH PLANTING PLOT BY Mr. O.P. Singh (DCO Bijnor) and other officials.
INTERVIEW OF Mr. O.P. SINGH (DCO Bijnor) ON AAJ TAK T.V.

TROPHY GIVEN TO Mr. O.P. SINGH FOR HIS WORK.
TROPHY GIVEN TO Mr. O.P. SINGH FOR HIS WORK.

CERTIFICATE GIVEN TO Mr. O.P SINGH (DCO BIJNOR) BY CANE COMMISSIONER.
Mr. O.P. SINGH (DCO BIJNOR) GOT AWARDED WITH TROPHY FOR HIS WORK IN DISTRICT- BIJNOR.
8- Additional Information :-

a. The person who supported the work are :-

(i) Mr. OM PARKASH SINGH (DCO Bijnor)
(ii) Mr. AFSAR HUSSAIN (SCDI Barkatpur)
(iii) Mr. Rambhadra Diwedi (SCDI Bijnor)
(iv) Mr. Devendra Kumar Tiwari (SCDI Dhampur And Afjalgarh)
(v) Mr. Dilip Singh (SSDI Chandpur)
(vi) Mr. Mayapati Yadav (SCDI Najibabad)
(vii) Mr. Prem Singh (SCDI Bilai)
(viii) Mr. Mithilesh kumar Pandey (SCDI Seohara)
(ix) Mr. Avinash Chandra Tiwari (SCDI Bundki)

b. Cutting of newspaper
गन्ने से गुंजेगी मतदान की अलख
गन्ना विभाग ने गणतंत्र दिवस पर शुरू किया जिले में प्रचार अभियान

जयगढ़ संख्यात, विज्ञापन: गन्ने के सहयोगी जनपद के गन्ने में शामिल हुए मतदान करने की अवसर जड़ मार्ग की। यह पहली गन्ना विभाग ने गणतंत्र दिवस पर मस्तिष्क में सुंदर कर दी है। अभियान में गन्ना विभाग के आमने-आमने फिलीपीस ने गन्ने विभाग की अभियंत्री गन्ने बुझाड़ की मिति के उपयोग करते हुए जनवरी में ये 5 फरवरी को मतदान करने को आमंत्रित किया। विभाग के प्रमुख-प्रशासक जातीर्थ ने दोनों ही के लिए मतदान केंद्र, फिलीपीस ने अन्य उपस्थित कर्मचारी का लेने को स्वीकार किया।

एक फरवरी से जिले में बांटने को उन्नत सबसे दी गई बजट की 15 फरवरी को मतदान लगभग करने की आवश्यकता किया। गन्ना विभाग के नेतृत्व में बांटने को उन्नत और अवसर कार्य का जनता से जनता हो जाने के लिए गन्ने विभाग की विधि के लिए उपयोग करते हुए जिले में आमने-आमने करते हुए जनाया।

फिलीपीस की टीम ने गन्ना डेक्कर की तारीफ

फिलीपीस के गन्ना विभाग की टीम ने विज्ञापन आकर जिले को गन्ना देखकर की गन्ना डेक्कर की तारीफ। टीम ने गन्ना डेक्कर किसानों की खुशी तारीफ की तथा प्रदर्शन में ज्यादा मचा रही सीकर्ने के साथ में जनता की ली। सभी किसानों के खाली डेक्कर कर गन्ना प्रशंसकों के बाहर में जगावा।

मंडलों का फिलीपीस की टीम विज्ञापन पसंद। टीम के सहयोगी ने ध्यानपूर्वक क्षेत्र जिले की गन्ना का जनता देखा। प्रशंसकों के लिए डेक्कर तथा नमक गन्ने की बाजार तारीफ। दी गन्ना की गन्ना प्रशंसकों के बाहर में जनता देखा।

दवाई लेने आई जाहिलाओं की विज्ञापन

दवाई लेने जिला महासभा में दवाई जेबकारों का लेना घटना रोकने की प्रतिकृति की। दवाई लेने जिला महासभा में कब्जे किया जाता है। दवाई लेने में नेतृत्व लेने उसे छुपाया जाता है। यह दवाई लेने में नेतृत्व लेने उसे छुपाया जाता है।
रिकवरी में नजीबाबद चीनी मिल ने लिंगी 114 चीनी मिलों को पछाड़ा, गन्ना आयुक्त ने किसानों को दी बधाई

जिले की चार चीनी मिलों की रिकवरी पहुंची 12 पार

चीनी मिलों की रिकवरी

चीनी मिल रिकवरी
गुलाबपुर 12.46
कस्बापुर 12.25
गोविंदपुर 12.12
लोहियाबाद 12.01
जोरा 12.01

"प्रदेश में 188 चीनी मिलों की रिकवरी कर दी गई है। गन्ना आयुक्त ने किसानों के लिए बधाई दी।"

मनीष सिंह, अध्यक्ष, रिकवरी कमिटी

श्रीलंका की टीम पहुंची बिजनौर

गन्ना उत्पादन में इंटरनेशनल स्तर पर लहराया जिले का परिचय

अमर उजाला ब्यूरो

"पांच सदस्यीय टीम ने जिले के कई गांवों के खेतों पर जाकर किसानों के अनुभव साझा किया।"

श्रीलंका की टीम की यात्रा ने जिले के कई गांवों के खेतों पर जाकर किसानों के अनुभव साझा किया।
बिजनौर का गन्ना भारत में सबसे मिट्टा

अगर उम्मीद करो तो बिजनौर।

बिजनौर के गन्ने ने देश में बिश्वितर घरघर स्थायी स्थायी कर दिए हैं। इसके कारण भादमपुर मुराद मिल की रिकॉर्डी 13% है। यह गन्ना भारत में सबसे मिट्टा हो गया है। भादमपुर भादमपुर मिल खेजरे में गन्ने की रिकॉर्डी 13% प्रस्ताव पहुंचा गया है। देश में इसके उपर नहीं रहा कोई जड़ीबूट जो जड़ीबूट के बायां है। बिजनौर के गन्ने के रिकॉर्डी 13% लाम रहे हैं। भादमपुर मुराद मिल की रिकॉर्डी 13% है।

किसानों पर निगम का 70 करोड़ बुरा

किसानों पर निगम का 70 करोड़ बुरा रहा है। इस हर्षकोचन के लिए निगम का गन्ना भारत में सबसे मिट्टा हो गया है। इसी कारण निगम के लिए भादमपुर मुराद मिल की रिकॉर्डी 13% प्रस्ताव पहुंचा गया है। देश में इसके उपर नहीं रहा कोई जड़ीबूट जो जड़ीबूट के बायां है। बिजनौर के गन्ने के रिकॉर्डी 13% लाम रहे हैं। भादमपुर मुराद मिल की रिकॉर्डी 13% है।

पहली बार नहीं गन्ने रही गन्ने पर फिल्म

यूबी में पहली बार बनी गन्ने रही गन्ने पर फिल्म बनी गयी। जैसे ही बिजनौर में गन्ने रही गन्ने पर फिल्म बनी गयी, वहीं जैसे ही बिजनौर में गन्ने रही गन्ने पर फिल्म बनी गयी, वहीं जैसे ही बिजनौर में गन्ने रही गन्ने पर फिल्म बनी गयी।
Bijnor: In a bid to educate the farmers about trench farming methods, the Bijnor sugar department is using drones mounted with cameras to record sugarcane fields in the area.

Trench farming is adopted to increase the yield of sugarcane. In this method, each row of the sugarcane crop is separated from the next row by 90 cm.

In this way less sugarcane is sown and other crops are sown in the gap of 90 cm.

The drone would film the method used in some parts of the district to show it to those who do not know about it, especially in the rural parts of the district.

“We conducted an experiment involving 10,000 farmers. In normal course, the yield of the sugarcane used to be 55 quintals per bigah which rose to 100-150 quintals per bigah after adopting trench farming method. Now a Noida-based company has been engaged to make a film on the technicalities of the method. Soon, we will show this film to farmers of entire district. Currently, there are 2,33,000 sugarcane farmers in the district. They will all benefit from the film,” OP Singh, district cane officer said.

Trench trench farming method was used as a pilot project among 10,000 farmers that led to the increase of yield by almost 2.5 times. “The state advised price of the cane has not been increased in the last two years. At the same time there is glut in the sugar market. To make matters worse, there is a steady rise in the cost of production of sugarcane. In those circumstances if we are able to increase the yield, it can compensate for the problems that the farmers have to face in terms of the crop,” Singh added.

The film is expected to be complete by the January end, the official added.

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Cane department to prepare high immunity seeds

Bijnor: Sugar mills in Bijnor will now provide seeds with increased immunity to farmers, which will be boiled at a high temperature and will have less chances of yielding diseased sugarcane. This will also reduce the use of pesticides, which lower the fertility of fields.

According to district cane officer OP Singh, “The cane department has planned to switch to a new technique to prepare seeds. The seeds will be put into hot water at about 52 degree Celcius for an hour. After one hour the seeds will be taken out of the water. This method, we

The department has also taken up the initiative to help farmers prepare disease free seeds at home. The cane department has also taken up the initiative to help farmers prepare disease free seeds at home, which can be done by boiling cane seeds in water in an iron drum and then sowing them. The department took the decision with an aim to save the environment from the harmful effects of pesticides. Harveer Dabas
किसानों ने अगली प्रजाति के गनने से हासिल की उपलब्धि

किसानों के लिए अगली प्रजाति के गनने से हासिल की उपलब्धि

पत्रकार ने अगली प्रजाति के गनने से हासिल की उपलब्धि

शाहजहांपुर किसान मेले में बिज्ञोत्र की बल्ले-बल्ले

शाहजहांपुर किसान मेले में बिज्ञोत्र की बल्ले-बल्ले
दूध विधि जिले को दे रही गानने की रिकार्ड उत्पादकता

परिचय | नज़रदारता
लोगों द्वारा दिखाया गया है फलों का दूध विधि उत्पादन का। जिले में फलों की आयुक्तता के लिए वि. जिले के अधिकारी का समारोह का कार्यक्रम आयोजित किया गया। जिले के वि. जिले के अधिकारी का समारोह का कार्यक्रम आयोजित किया गया।

जिले गानने में अधिकारी निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित निर्देशित...
गन्ना उत्पादन में मंडल का ताज बना प्रदीप

- मुरादाबाद, बिजनौर, अमरपुर इत्यादी में गन्ना समेत नित्य बनाने के अभाव का पहुँच निस्तरा गांव
- प्रदेश सर से चर्चा हुई निस्तरा के किसानों को गन्ना, खेत में निकला 166 प्रति कुंतल गन्ना

उत्तराखंड संबांधित, नजीबाबाद : ग्राम निस्तरा के किसानों द्वारा प्रदीप कुमार ने अपने खेत में 166 प्रति कुंतल गन्ना उत्पादन करने के लिए मुरादाबाद, बिजनौर, अमरपुर इत्यादी क्षेत्रों में समेत मंडल में प्रति स्थान पाया है। गन्ना अभाव के कारण है कि देश भर में मुरादाबाद अथवा अमरपुर इत्यादी इत्यादी क्षेत्रों दोनों में उत्पादन नहीं होता है। इसी कारण किसानों को गन्ना उत्पादन करने का संघर्ष करना पड़ता है।

उत्तराखंड के किसान निस्तरा नित्य सहयोग प्रदीप कुमार ने अक्टूबर 2015 में देश भर में समेत मंडल में गन्ना की उत्पादन की योजना की। इस कारण से 166 प्रति कुंतल गन्ना उत्पादन करने के लिए मुरादाबाद, बिजनौर, अमरपुर इत्यादी क्षेत्रों में समेत मंडल में गन्ना उत्पादन करने का संघर्ष करना पड़ता है।

महाराष्ट्र को पछाड़ने की कवायद शुरू

अमर उदास शुरू

दिनांकित विधि से गन्ना की उत्पादन की योजना की जा रही है। जिला गान्धिकाय के केरल के मुरादाबाद अथवा जिला गान्धिकाय के बिजनौर अथवा जिला गान्धिकाय के अमरपुर इत्यादी क्षेत्रों में समेत मंडल में प्रति स्थान पाया है। इसी कारण जिला गान्धिकाय के मुरादाबाद अथवा जिला गान्धिकाय के बिजनौर अथवा जिला गान्धिकाय के अमरपुर इत्यादी क्षेत्रों में समेत मंडल में प्रति स्थान पाया है।

दिनांकित विधि से गन्ना की उत्पादन की योजना की जा रही है। जिला गान्धिकाय के मुरादाबाद अथवा जिला गान्धिकाय के बिजनौर अथवा जिला गान्धिकाय के अमरपुर इत्यादी क्षेत्रों में समेत मंडल में प्रति स्थान पाया है। इसी कारण जिला गान्धिकाय के मुरादाबाद अथवा जिला गान्धिकाय के बिजनौर अथवा जिला गान्धिकाय के अमरपुर इत्यादी क्षेत्रों में समेत मंडल में प्रति स्थान पाया है।
गण्ना उत्पादन में महाराष्ट्र को पछाड़ेगा बिजनौर

अमर उजाला यूरो

बिजनौर। बिजनौर के किसान गन्ना उत्पादन में अब महाराष्ट्र को पछाड़ेगे। गन्ना विभाग ने विज्ञापन लिखा है कि 14 लाख बिकबर्ड बीज बोने। गन्ना विभाग अली बेगम का बुआई सक्को बोने उनके लाभ में आगामी राज्यों ने समय प्रारंभ प्रसार करने का बोने में जोड़ है।

दी सी ओपी सिंह ने बताया विभाग का अली गन्ना बुआई के लाभ में आगामी राज्यों ने समय प्रारंभ प्रसार करने का बोने में जोड़ है।

प्रारंभ-प्रसार नहीं किया बिजनौर। दी सी ओपी ने बताया छिल्ले, फिर बुआई और बांदुर बुआई के किसानों को अली बेगम के बुआई बोने के लाभ में आगामी राज्यों ने समय प्रारंभ प्रसार करने का बोने में जोड़ है। इसके लाभ में आगामी राज्यों ने समय प्रारंभ प्रसार करने का बोने में जोड़ है।

चाङपुर में ट्रेंच विधि से गन्ना बुआई का हुआ मॉडल प्रदर्शन

चाङपुर। गन्ना विभाग ने ट्रेंच विधि से गन्ना बुआई का मॉडल प्रदर्शन किया। इसके लाभ में आगामी राज्यों ने समय प्रारंभ प्रसार करने का बोने में जोड़ है।

बिजनौर। गन्ना विभाग ने ट्रेंच विधि से गन्ना बुआई का मॉडल प्रदर्शन किया। इसके लाभ में आगामी राज्यों ने समय प्रारंभ प्रसार करने का बोने में जोड़ है।

उ.प. ऑनलाइन टेलिकॉम के माध्यम से इन्जिनियर का अनुभव बोने में जोड़ है। इसके लाभ में आगामी राज्यों ने समय प्रारंभ प्रसार करने का बोने में जोड़ है।
reaction

23/04/16

ਅਰਥ ਵੇਚਣ ਅਥਾਨਾਂ ਬਣਾਉਣ ਦੀ ਸੰਹਿਤਾ ਦਾ ਮਾਤਰ ਪ੍ਰਾਚੀਨ ਪੌਦਾਂ ਦੀ ਪ੍ਰਸਿੱਧ ਸੰਖਿਆ ਹੈ। ਇਸ ਦੀ ਸੰਹਿਤਾ ਵਿੱਚ ਇਸਦੀ ਸੰਖਿਆ ਵੇਚਣ ਦੀ ਸੰਖਿਆ ਹੈ। ਇਸ ਵਿੱਚ ਇਸਦੀ ਸੰਖਿਆ ਵੇਚਣ ਦੀ ਸੰਖਿਆ ਹੈ।

ਪ੍ਰਸਤੁਤਾ ਹੱਦ ਤੋਂ ਸੰਨ੍ਹਾ ਹੇਠ ਦੀ ਸੰਖਿਆ ਹੈ।

reaction 27-04-16

ਇਸਦੀ ਸੰਖਿਆ ਵੇਚਣ ਵਿੱਚ ਇਸਦੀ ਸੰਖਿਆ ਹੈ। ਇਸ ਵਿੱਚ ਇਸਦੀ ਸੰਖਿਆ ਵੇਚਣ ਦੀ ਸੰਖਿਆ ਹੈ।

ਇਸ ਵਿੱਚ ਇਸਦੀ ਸੰਖਿਆ ਵੇਚਣ ਵਿੱਚ ਇਸਦੀ ਸੰਖਿਆ ਹੈ।

ਇਸ ਵਿੱਚ ਇਸਦੀ ਸੰਖਿਆ ਵੇਚਣ ਵਿੱਚ ਇਸਦੀ ਸੰਖਿਆ ਹੈ।

ਇਸ ਵਿੱਚ ਇਸਦੀ ਸੰਖਿਆ ਵੇਚਣ ਵਿੱਚ ਇਸਦੀ ਸੰਖਿਆ ਹੈ।

ਇਸ ਵਿੱਚ ਇਸਦੀ ਸੰਖਿਆ ਵੇਚਣ ਵਿੱਚ ਇਸਦੀ ਸੰਖਿਆ ਹੈ।
I came to Bigor district in 1st time. I have got more information about living standard of farmers. I learnt about sugarcane industry with talking to Mr. O. P. Sing. All the members of Goan official is very educated about this industry.

All very smart officers with all farmers team and all people treat well from the day we come here.

I wish you all the very best future.

Thanking you.

Gaya Gunatilleke
c. Contact Person For this success story

(i) Mr. OM PARKASH SINGH (DCO Bijnor) 8127727325
(ii) Mr. AFSAR HUSSAIN (SCDI Barkatpur) 7081202481
(iii) Mr. Rambhadra Diwedi (SCDI Bijnor) 7081202484
(iv) Mr. Devendra Kumar Tiwari (SCDI Dhampur And Afjalgadh) 7081202490
(v) Mr. Dilip Singh (SSDI Chandpur) 7081202479
(vi) Mr. Mayapati Yadav (SCDI Najibabad) 7081202495
(vii) Mr. Prem Singh (SCDI Bilai) 70812012485
(viii) Mr. Mithilesh kumar Pandey (SCDI Seohara) 7081202498
(ix) Mr. Avinash Chandra Tiwari (SCDI Bundki) 7081202487
### 9- Checklist

<table>
<thead>
<tr>
<th>No.</th>
<th>Question to Consider</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Is the story interesting to the target audience of the project/activity report?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Does the story explain what new insights the project brings? What is the main lesson learned from this story? Does the story describe a key insight on what works and what doesn’t and something that future project could build on</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Does the story describe the outcomes the project produced and the people who are benefitting? What changes-in skills, knowledge, attitude, practice, or policy- has the project brought, and who is benefitting from these changes?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Does the story make a compelling point that people will remember? Does the story show how the project makes a difference to improving livelihoods and lessening poverty?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Does the story provide an interesting fact that people remember? For example, how much yields increased, hoe many hectares of land could become more productive from this innovation or technology?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Does the story explain what kind of impact this innovation or technology could have if scaled up?</td>
<td>Yes</td>
<td></td>
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<tr>
<td>7</td>
<td>Does the story show which partners contributed and how?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Does the story include quotes from stackholders or beneficiaries?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Have I provided links to other media (journal articles, website news, newsletter, blogs, annual reports of other programme / project) that also feature this story?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Have I provided the contact details of people who can provide more information?</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>
Success Story

Farmer’s Name - Dheeraj Kumar
Father’s Name - Muneshwar Singh
Village - Rashidpur Garhi
Cane Dev. Council - Bijnor
District - Bijnor
Yojna - R.K.V.Y. (use of Micronutrient)
Method of Sowing - Trench Method
Variety - Co-0238
Area - 0.410 Hect.
Mobile No- 9897973761

Title – Micronutrient has makes healthy cane crop and yield.

1- Category – Cane production by using micronutrient with other fertilizers.

2- Challenges –
   a- Low productivity and quality of sugarcane.
   b- Sugar recovery below than the national average.
   c- Farmers are not doing Soil Testing, so they are not aware of nutrient management.
   d- Mostly Farmers are using urea and DAP for sugarcane production and they are not using any secondary nutrient and micronutrient.
   e- Farmers was using manure, fertilizers, micronutrient by broadcasting in the field. Now they are using these materials in trench.
   f- Ratoon Management :- We are applying following operation within 10 days of harvest of plant crop to obtain better establishment and uniform sprouting of shoots.
      1- Remove the trash from the field and do not burn it. Irrigate the field copiously.
      2- Follow stubble shaving with sharp spades to a depth of 4-6 cm along the ridges of proper moisture.
3- Work with plough along with sides of the ridges to break the compaction.
4- Apply basal dose of fertilizers and micronutrient more than 25% of plant crop.

3- **Initiative** –

I get to know about R.K.V.Y by newspaper. I contact cane development council Bijnor about this Yojna. Mr. Rambhadar Diwedi (SCDI Bijnor) and Mr. Amit kumar mishra explained me about this yojna in brief details. They said, water soluble micronutrient are critical input that play major role in increasing the crop productivity and it has to be essentially applied with the recommended dose as prescribe by cane development council bijnor. Than I done registration for micronutrient in Cane development council Bijnor. I taken the soil sample and send to the soil testing lab and after some time received the soil testing report. On the basis of soil testing report I applied fertilizers and micronutrient in my field accordingly. I was also provided with 55 kg of NPK and spraying of NPK and of 17:46 of water soluble fertilizer and micronutreiant 10 kg provided by cane development society. I planted my plot by trench method. Before the planting of cane i planned crop rotation at my plot. I used Dhaincha as a green manure at my plot. After that i done deep ploughing by trackter plough of my plot, Than i prepared my plot by harrow and tiller than i have selected healthy, disease and pest free cane seed. I planted my plot by trench method in double row by using two bud sets after cane seed treatment by Bavistin. I applied FYM, NPK, micronutrient and insecticides in trenches and irrigate the furrows. After 30 days of planting i filled the gape with sprouted sets. In guidance of Mr. O.P Singh (DCO Bijnor) and cane development department, I adopted agricultural practices, weed management, manure and fertilizers management, disease and pest management, earthing up and cane propping. I have done shallow irrigation in short time regularly. I apply rouging of GSD effected plant at my plot. I have taken healthy sugarcane production in my plot. Mr. O.P Singh visited my plot and praised me for my work. I
participated in cane competition and I got 1322 Q/Hect yield in my plot in year 2016-17.

4- **Key Result :-**

When I was doing traditional farming of sugarcane my production was about 650 Q/hect and when I started technical farming under guidance of cane development department and using proper micronutrient and fertilizers, Now I am getting more than 2 times production (upto 1300-1500 Q/hect.) in same field.

5- **Impact :-**

(i) I have got a lot of knowledge from cane development department in preparation of field, seed selection, seed treatment, cane planting, nutrient management, weed management disease and pest management, irrigation management, earthing up, propping of sugarcane etc.

(ii) The cane development department provided me technical knowledge of taking soil sample and I used proper fertilizers and micronutrient according to soil testing report and my production increased.

(iii) In this process I got prestige as a good and technical sugarcane producer.

6 - **Lessons Learned :-**

In beginning I was felling a difficult work of taking soil sample and using proper fertilizers and micronutrient according to soil testing report but in the guidance of officials and employees of cane development department, i learned the process of taking soil sample from the field and using proper fertilizers and micronutrient according to the soil testing report and also learned cultural practices in deep i.e preparation of field, seed selection, seed treatment, planting, manure and fertilizers management, weed management, irrigation, earthing up, propping etc. And now i am feeling easy of doing these technical process. It was challenging
and i accept this challenge, now I am getting more than 2 times income and production of sugarcane in same field. I am thankful to Cane development department and officials and employees to provide me new technology and knowledge about soil testing and using micronutrient.

7 - Supporting Quotes And Images :-

Application of micronutrient in sugarcane Field By Farmer Dheeraj kumar.

8- Additional Information :-

a. The person who supported the work are :-
   (i) Mr. OM PARKASH SINGH (DCO Bijnor)
   (ii) Mr. Rambhadar Diwedi (SCDI Bijnor)
   (iii) Mr. Amit kumar Mishra (Cane Supervisor)
   (iv) Mr. Govind Singh (A.P.O Bijnor)
b. Cutting of newspaper

c. Contact Person For this success story

(i) Mr. OM PARKASH SINGH (DCO Bijnor) 8127727325
(ii) Mr. Rambhadar Diwedi (SCDI Bijnor) 7081202484
(iii) Mr. Amit kumar Mishra (Cane Supervisor) 9411011750
(iv) Mr. Dheeraj Kumar (Farmer) 9897973761
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Success Story

Cane Dev. Council-Chandpur

District - Bijnor

Yojna – Farmer fair under R.K.V.Y

Year - 2016-17

Date – 15-12-2016

Title – Farmer fair is the best method of extension of cane development Yojna and practices.

1- Category – Extension of cane development techniques and trench method.

2- Challenges –
   a- Traditional cane farming techniques.
   b- Low productivity.
   c- Sugar recovery below than the national average.
   d- Farmers awareness about trench method.
   e- Farmers awareness about soil testing.
   f- Farmers awareness about inter-cropping within 2 trenches with sugarcane.
   g- Farmers awareness about crop rotation, field preparation, varietal selection, seed selection, method of sowing, irrigation, weed management, disease and pest management, nutrition management, earthing up, cane propping and cane harvesting.
   h- Farmers awareness about ratoon management.

3- Initiative –
   R.K.V.Y yojna is running from year 2011-12, In this yojna farmers fair are conducting every year. In this way, farmers fair
is conducted in the campus of cane society chandpur by cane development council chandpur in year 2016-17.Dr. Kamlesh Kumar (Ex Scientist K.V.K Nagina), Mr. O.P Singh (DCO Bijnor), Mr. Dilip Singh (SCDI Chandpur), Mr. Sudhir Singh (Sachiv Chandpur), Mr. S.N Dixit (Sachiv Noorpur), Mr. Prabodh Kumar (Chairman Cane development council Chandpur), Mrs. Mamta (Chairman cane society Chandpur), Mr. Om Pal Singh (Delgate Iffco) and about 300 farmers participated in this farmer fair. The model of trench Farming with inter-crop was the main attraction of farmers fair. The main stalls were Yara Fertilizers India Ltd., Veterinary department Chandpur, Iffco fertilizers and their products, HDFC Bank Chandpur and etc in this farmer fair. Mr. Sudhir Kumar (Sachiv Chandpur) Conduct the Dais. And the president was Mr. Parbodh kumar(chairman Cane development council Chandpur) of this farmer fair. Inauguration was done by Mr. O.P Singh (DCO Bijnor). Guests and farmers visited trench model and stall. After the honor of guests, the program was started. Dr. Kamlesh Kumar (Ex Scientist K.V.K Nagina) Spoke about technical farming of sugarcane, Dr. Kumar told to farmers that they should done soil testing of their field and told about method of taking soil sample, they should apply crop rotation on their field, they should do deep ploughing by plough and proper field preparation by harrow and tiller, they should choose high yielding varieties i.e co-0238, co-0118, co-98014, cose-03234. cos-08272,co-05011, cos-08276, cos-08279 etc. They should choose healthy, disease and pest free seed. Dr. kumar told to farmers about weed management, nutrient management, disease and pest management etc. Mr. O.P Singh (DCO Bijnor) told to farmers about field preparation, seed selection, trench method of sugarcane sowing, inter-cropping with sugarcane, ratoon management and drip-irrigation etc. Mr. Singh told to farmers that they should done deep ploughing, they should select healthy, disease and pest free seed, only upper 1/3 part of sugar cane should use as a seed. The seed should be treated by Bavistin before sowing. In this area common inter row spacing is 50-60cm, It should be replaced
with inter-row spacing above 120cm. Sowing should be done by trench method with single bud and double buded sets in single row and double row trenches. Inter-crop in autumn planting i.e potatoes, mustard, peas, cauliflower, cabbage, gram etc and in spring planting i.e moong, urd, lady-finger, long guard, cucumber etc should be taken. They should apply ratoon management and drip-irrigation for maximum production of sugarcane. Mr. Dilip Singh (Scdi Chandpur) told to farmers about R.K.V.Y and other yojna conducted by cane development council chandpur in details. Mr. parbodh Kumar (chairman Cane development council chandpur) thanks to guest and farmers for participating in fair.

4- Key Result :-

In this area the production of sugarcane was 600-650 Q/hect . After the launching of R.K.V.Y and development programme of sugarcane conducted by cane development department under guidance of Mr. O.P Singh (DCO Bijnor). Many farmers Applying trench Farming with inter-crop and taken more than 2 times production and income. Mostly farmers got aware by this fair and commitment to apply new techniques, trench method planting, inter-cropping, ratoon management etc.

5- Impact :-

(i) Farmers got a lot of knowledge by this fair in preparation of field, seed selection, seed treatment, cane planting, nutrient management, weed management disease and pest management, irrigation management, earthing up, propping of sugarcane, drip-irrigation, ratoon management etc.

(ii) The attitude of farmers to apply technical farming of sugarcane, trench planting, inter-cropping, ratoon management was negative before the launching of R.K.V.Y. After the launching of R.K.V.Y the extension programme on many levels started. In this way farmer
Fair were organized by cane development department. Now, the attitude of farmers is positive about all practices told in the fair. The production of sugarcane and income of farmers is more than 2 times in comparison to earlier.

6 - Lessons Learned :

In beginning the farmers were feeling every agricultural practices difficult like preparing of field, seed selection, seed treatment, planting, other agricultural practices etc. But after the launching of R.K.V.Y the extension programme of cane development was started by cane development department under guidance of Mr. O.P Singh (DCO Bijnor). It was challenging and Cane development department accept this challenge and now farmers are getting more than 2 times of income and production of sugarcane in same field. farmers learned that they should ready to get new technology and apply it in the field. Farmers should be in touch of officials of cane development department and scientist of cane research centre.

7- Supporting Quotes And Images :-

Present Guests and Farmers in Farmer Fair.
Mr. O.P. Singh (DCO Bijnor) And other guests are inspecting model of trench.

Farmers listening to speech of guests.
Mr. O.P. Singh (DCO Bijnor) giving speech to Farmers.

Mr. Kamlesh Kumar (Scientist) giving speech to Farmers.
8- Additional Information :-

a. The person who supported the work are :-
   (i) Mr. OM PARKASH SINGH (DCO Bijnor)
   (ii) Mr. Parbodh Kumar (Chairman CDC Chandpur)
   (iii) Mr. Dilip Singh(SCDI Chandpur)
   (iv) Mr. Sudhir Singh (Sachiv Chandpur)
   (v) Mr. S.N Dixit (Sachiv Noorpur)
   (vi) Mr. Bhupender Singh (A.P.O Chandpur)

b. Cutting of newspaper
चांदपुर में ट्रेच विधि से गन्ना बुवाई का मॉडल प्रदर्शन देखते दीदीओ और किसान।

ट्रेच विधि से गन्ना बुवाई का हुआ मॉडल प्रदर्शन

विज्ञानी। गन्ना विभाग में ट्रेच विधि से गन्ना बुवाई का गन्ना समिति चांदपुर के परिसर में मॉडल प्रदर्शन किया। इस मौके पर आयोजित गोष्टी में गन्ना दौड़ीयाँ ने किसानों को ट्रेच विधि से गन्ना बुवाई के प्रयोग में प्रदर्शन करने वालों को सलाह दी। दीदीओ और सिहः सिंह के सम्बन्ध में इस बार किसानों ने ट्रेच विधि से अर्धी दौड़ीयों के गन्ने की बुवाई की है। इससे युगल मिले ने नवंबर के प्रथम सप्ताह में पेयगाई शुरू कर दी थी। साथ ही गन्ने की रिकर्टिया भी बढ़ी है। अब विभाग ने ट्रेच विधि से गन्ने की बुवाई करने का जगह-जगह प्रदर्शन करने का निर्देशन दिया है। इसी के तहत गन्ना समिति चांदपुर के परिसर में वर्षापुष्टा किसान लुधियाना सिंह की अयोध्या में मॉडल प्रदर्शन किया। इस गोष्टी पर आयोजित गोष्टी में जगीता शोध संस्थान के दौड़ीयों को राष्ट्रीय कामेले कुमार ने किसानों को सलाह दी कि ट्रेच विधि से बुवाई करके किसान पैदावार बढ़ा सकते हैं। इससे शादी शलजम, मूली, लहसुन, प्याज आदि फसल बोर कर बढ़ी कमाई कर सकता है। संयुक्त मंत्रालय में राष्ट्रीयक मिल व खाना का प्रयोग करके पेय दिया। देवेंद्र सिंह, उत्तर प्रदेश के उप मुख्यमंत्री दौड़ीयों सिंह दुसरे जीवन व श्रेष्ठा कुमार व श्रेष्ठा कुमार व श्रेष्ठा कुमार ने मौजूदा रहे।

मेले में दी गई किसानों को विभिन्न जानकारियां

चांदपुर: सहकारी गन्ना विकास समिति में शाक्ति तथायों किसान मेले का आयोजन किया गया। इस अवसर पर गन्ना विकास समिति में दौड़ीयों ने अपनी अनुभुति के साथ जानकारी दी। इस मौके पर किसानों को ध्यान देना है कि गन्ने को बुवाई के संबंध में विभिन्न जानकारियां दी। इस मौके पर किसानों को ध्यान देना है कि गन्ने को बुवाई के संबंध में विभिन्न जानकारियां दी।

2015-16 के अंतर्गत सहकारी गन्ना विकास समिति के परिसर में आयोजित मेले का समापन मुकदमा अधिकारियों ने किसानों को ध्यान देना बुवाई के संबंध में विभिन्न जानकारियां दी। इस मौके पर किसानों को ध्यान देना बुवाई के संबंध में विभिन्न जानकारियां दी।
c. Contact Person For this success story

(i) Mr. OM PARKASH SINGH (DCO Bijnor) 8127727325
(ii) Mr. Dilip Singh (SCDI Chandpur) 7081202479
(iii) Mr. Sudhir Singh (Sachiv Chandpur) 7081202309
(iv) Mr. S.N Dixit (Sachiv Noorpur) 7081202318
(v) Mr. Bhupender Singh (A.P.O Chandpur) 9411633351

9- Checklist

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**Success Story**

Farmer’s Name - Hardayal Singh  
Father’s Name - Pooran Singh  
Village - Nathawali  
Cane Dev. Council - Najibabad  
District - Bijnor  
Yojna – Participated in Foundation Nursery under R.K.V.Y.  
Method of Sowing – Trench Method  
Variety - Cos-8436  
Mobile No- 9720844811

**Title – Seed is the key factor to have more productivity.**

1- Category – Foundation nursery (seed production)  
2- Challenges –  
   a- Low quality of seed.  
   b- Low production of seed.  
   c- Higher input cost due to misuse and non-judicious application of water, fertilizer, pesticides etc :-  
   (i) Water :- General practice was of flood irrigation, now it is trench irrigation.  
   (ii) Fertilizer :- I was using only urea and DAP, now I am using NPK, water soluble fertilizers, bio-fertilizers and micro-nutrient.  
   (iii) Pesticides :- Over use and multi time use of Chloropyriphos, Corazon, Phorate etc. Now it has been replaced by deep ploughing, varietal selection, seed material selection, hot water treatment, timely and minimum use of pesticides.  
   (iv) Broadcasting of fertilizers, pesticides and micro-nutrient, now line application in trenches.  
   (v) Inter row spacing was 50 to 60 cm with 3 buded sets now replaced with inter row spacing above 120 cm with single bud sets and double buded sets in single row and double row trenches.
d- Mostly farmers are using own sugarcane crop as a seed that’s quality is very low, the seed they are using mostly effected by disease and pest. The sugarcane they are using as a seed is not healthy seed.

3- Initiative –

I get to know about R.K.V.Y by newspaper. I contact cane development council Najibabad about this Yojna. Mr. Satish kumar (SCDI Najibabad) and Mr. Ramdatt Yadav explained me about this yojna in brief details. Than I done registration for foundation nursery in Cane development council Najibabad. cane development council Najibabad provided me nucleous cane seed from Research centre Muzaffarnagar to sowing foundation nursery in the year 2016-17. I planted this cane seed at my plot by trench method. Before the planting of cane I planned crop rotation at my plot. I used Dhaincha as a green manure at my plot. After that i done deep ploughing by trackter plough of my plot, when i prepared my plot by harrow by tiller than I have selected healthy, disease and pest free cane seed. I planted my plot by trench method in double row by using two bud sets after cane seed treatment by Bavistin. I applied FYM, NPK, micronutrient and insecticides in trenches and irrigate the furrows. After 30 days of planting i filled the gape with sprouted sets. In guidance of Mr. O.P Singh (DCO Bijnor) and cane development department, I adopted agricultural practices, weed management. manure and fertilizers management, disease and pest management, earthing up and cane propping. I have done shallow irrigation in short time regularly. I apply rouging of GSD effected plant at my plot. I have taken healthy, disease and pest free cane seed production in my plot. I distributed 280 q cane seed to other farmers. I will get 50 rupees/Q subsidy on cane seed distribution. I am thankful to officials and employees of cane development department. R.K.V.Y should continue for the benefit for the farmers.

4- Key Result :-

When I was doing traditional farming of sugarcane my production was about 600 and when I was using sugarcane as a seed that was not of good quality. Now I am getting 3 times production (upto 1200-1500 Q/hect.) in same field and i am using good quality of seed that is healthy and not effected by
disease and pest. Now I am producing and distributing healthy, good quality, disease free and pest free cane seed to others farmers. In this way my income has increase upto 2 to 3 times. Different areas farmers visited my plot to see my progress.  

**Impact :-**

(i) I have got a lot of knowledge from cane development department in preparation of field, seed selection, seed treatment, cane planting, nutrient management, weed management disease and pest management, irrigation management, earthing up, propping of sugarcane etc.

(ii) The cane development department provided me nucleous seed from Research centre Muzaffarnagar for Foundation nursery. Now, I am producing and distributing good quality seed to others farmers. Earlier I was using low quality seed for sugar cane sowing.

(iii) In this process I got prestige as a seed producer in my area.

**5- Lessons Learned :-**

In beginning I was felling a difficult work of seed production but in guidance of officials and employees of cane development department, I learned every agricultural practices in deep i.e preparation of field, seed selection, seed treatment, planting, manure and fertilizers management, weed management, irrigation, earthing up, propping etc. And now I am feeling easy of doing seed production process. It was challenging and I accept this challenge, now I am getting 2 – 3 times income and production of sugarcane in same field. I am thankful to Cane development department and officials and employees to provide me new technology and knowledge about cane seed production.
6- Supporting Quotes And Images :-

Inspection of foundation nursery by Mr. O.P Singh (DCO Bijnor) and others.

7- Additional Information :-

a. The person who supported the work are :-
   (i) Mr. OM PARKASH SINGH (DCO Bijnor)
   (ii) Mr. Satish Kumar (Ex SCDI Najibabad)
   (iii) Mr. Mayapati Yadav (SCDI Najibabad)
   (iv) Mr. Ram Dutt Yadav (Cane Supervisor)
   (v) Mr. Vijendra Singh (A.P.O Najibabad)
b. Cutting of newspaper

c. Contact Person For this success story
(i) Mr. OM PARKASH SINGH (DCO Bijnor) 8127727325
(ii) Mr. Satish Kumar (Ex SCDI Najibabad)9411296019
(iii) Mr. Mayapati Yadav (SCDI Najibabad)7081202495
(iv) Mr. Ram Dutt Yadav (Cane Supervisor)9412402144
(v) Mr. Vijendra Singh (A.P.O Najibabad)9690304224
(vi) Mr. Hardayal Singh (Farmer)9720844811

8- Checklist

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Success Story

Farmer’s Name - Kelo Devi
Husband’s Name - Munshiram
Village - Balapur
Cane Dev. Council - Dhampur
District - Bijnor
Yojna – Participated in Demonstration under R.K.V.Y.
Method of Sowing – Trench Method
Variety - Co-0238
Mobile No- 9758200808

Title – Demonstration is the key factor to have more Production.

1- Category – Demostration (Learling by doing production)

2- Challenges –

a- Low Productin.
b- Low production of Yeild.
c- Higher input cost due to missuse and non-judicious change of sowing method, application of water, fertilizer, pesticides etc :-

(i) Method of sowing:-Advise of Farmer, sowing of sugar cane crop should be trech Method.
(ii) Water :- General practice was of flood irrigation, now it is trench irrigation.
(iii) Fertilizer :- I was using only urea and DAP, now I am using NPK, water soluble fertilizers , bio-fertilizers and micro-nutrient.
(iv) Pesticides :- Over use and multi time use of Chloropyriphos , Corazon, Phorate etc. Now it has been replaced by deep ploughing, deep houing, varietal selection, seed material selection, hot water treatment, timely and minimum use of pesticides.
(v) Broadcasting of fertilizers, pesticides and micro-nutrient, now line application in trenches.
(vi) Inter row spacing was 50 to 60 cm with 3 buded sets now replaced with inter row spacing above 120 cm with single bud sets and double buded sets in single row and double row trenches.

d- Mostly farmers are using own sugarcane crop as a seed that’s quality is very low, the seed they are using mostly effected by disease and pest. The sugarcane they are using as a seed is not healthy seed.

3- Initiative –

I get to know about R.K.V.Y by newspaper. I contact cane development council Dhampur about this Yojna. Mr. D.k tiwari (SCDI Dhampur) and Mr. Deena singh explained me about this yojna in brief details. Than I done registration for Demonstration nursery in Cane development council Dhampur. cane development council Dhampur provided me nursery cane seed from nursery holder farmer in the year 2015-16. I planted this cane seed at my plot by trench method in Autumn. Before the planting of cane i planned crop rotation at my plot. I used Dhaincha as a green manure at my plot. After that i done deep ploughing by trackter plough of my plot, when i prepared my plot by harrow by tiller than i have selected healthy, disease and pest free cane seed. I planted my plot by trench method double in double row by using two bud sets after cane seed treatment by Bavistin. I applied FYM, NPK, micronutrient and insecticides in trenches and irrigate the furrows. After 30 days of planting i filled the gape with sprouted sets. In guidance of Mr. O.P Singh (DCO Bijnor) and cane development department, i adopted agricultural practices, weed management. manure and fertilizers management, disease and pest management, earthing up and cane propping. I have done shallow irrigation in short time regularly. I apply rouging of GSD effected plant at my plot. I have taken healthy, disease and pest free cane seed production in my plot. I distributed 672 q cane seed to other farmers. I will get 7500 rupees/plot subsidy on cane seed distribution. I am thankful to officials and employees of cane development department. R.K.V.Y should continue for the benefit for the farmers.
4- Key Result :-

When I was doing traditional farming of sugarcane my production was about 600 and when i was using sugarcane as a seed that was not of good quality. Now I am getting production (1344 Q/hect.) in same field and i am using good quality of seed that is healthy and not effected by disease and pest. Now i am producing and distributing healthy,good quality, disease free and pest free cane seed to others farmers. In this way my income has increase upto 2 to 3 times. Different areas farmers visited my plot to see my progress.

Impact :-

(i) I have got a lot of knowledge from cane development department in preparation of field, seed selection, seed treatment, cane planting, nutrient management, weed management disease and pest management, irrigation management, earthing up, propping of sugarcane etc.

(ii) The cane development department provided me Demonstration seed from nursery holder farmer for Demonstration. Now, I am producing and distributing good quality seed to others farmers. Earlier I was using low quality seed for sugar cane sowing.

(iii) In this process I got prestige as a seed producer in my area.

5- Lessons Learned :-

In beginning I was felling a difficult work of seed production but in guidance of officials and employees of cane development department, i learned every agricultural practices in deep i.e preparation of field, seed selection, seed treatment, planting, manure and fertilizers management, weed management, irrigation, earthing up, propping etc. And now i am feeling easy of doing seed production process. It was challenging and i accept this challenge, now I am getting 2 – 3 times income and production of sugarcane in same field. I am thankful to Cane development
department and officials and employees to provide me new technology and knowledge about more production.

**Inspection of Demonstration by Mr. O.P Singh (DCO Bijnor) and others.**

6- **Additional Information :-**

- The person who supported the work are :-
  1. Mr. OM PARKASH SINGH (DCO Bijnor)
  2. Mr. D.K. tiwari (SCDI Dhampur)
  3. Mr. Deena singh (Cane Supervisor)
  4. Mr. Rajesh kumar (A.P.O Dhampur)

- Cutting of newspaper
c. Contact Person For this success story
   (i) Mr. OM PARKASH SINGH (DCO Bijnor) 8127727325
   (ii) Mr. D.K. tiwari (SCDI Dhampur) 7081202490
   (iii) Mr. Deena singh (Cane Supervisor) 9412608420
   (iv) Mr. Rajesh kumar (A.P.O Dhampur) 9084436346

7- Checklist

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Success Story

Farmer’s Name - Vijaykumar Jain
Father’s Name - Prakashchand Jain
Village - Sherpur Majra
Cane Dev. Council - Seohara
District - Bijnor
Yojna – Participated in State Level Cane competition under R.K.V.Y.
Method of Sowing – Trench Method
Variety - Co-0238
Mobile No- 7500803030

Title - Cane Competition brings me in the Limelight.

1- Category – Sugar cane production.

2- Challenges –
   a- Low productivity
   b- Sugar recovery below than the national average.
   c- Higher input cost due to misuse and non-judicious application of water, fertilizer, pesticides etc :-
      (i) Water :- General practice was of flood irrigation, now it is trench irrigation.
      (ii) Fertilizer :- I was using only urea and DAP, now I am using NPK, water soluble fertilizers , bio-fertilizers and micro-nutrient.
      (iii) Pesticides :- Over use and multi time use of Chloropyriphos , Corazon, Phorate etc. Now it has been replaced by deep ploughing, varietal selection, seed material selection, hot water treatment, timely and minimum use of pesticides.
      (iv) Broadcasting of fertilizers, pesticides and micro-nutrient, now line application in trenches.
      (v) Inter row spacing was 50 to 60 cm with 3 buded sets now replaced with inter row spacing above 120 cm with single bud sets and double buded sets in single row and double row trenches.
(vi) RatoonManagement :- We are applying following operation within 10 days of harvest of plant crop to obtain better establishment and uniform sprouting of shoots.

1- Remove the trash from the field and do not burn it. Irrigate the field copiously.

2- Follow stubble shaving with sharp spades to a depth of 4-6 cm along the ridges of proper moisture.

3- Work with plough along with sides of the ridges to break the compaction.

4- The gappy area in the ratoon sugarcane crop should be filled within 30 days of stubble shaving. The sprouted cane stubbles taken from the same field is the best material for full establishment.

5- Apply basal dose of fertilizers more than 25% of plant crop.

3- Initiative –

In year 2013-14, I was doing traditional farming and my production was about 750 Q/hec.
I learned sugarcane planting by trench method by employees and officials of the cane development department. I attended the state level visit program conducted by the cane development department in the year 2013-14 to get technical information. During the state level visit, I visited the plots of trench method in district Sitapur (UP) and got the technical information from the farmers. After the visit according to cane development department, I planned crop rotation at my field. Firstly I used Dhaincha as a green manure & Press mud in my plot. After that I done deep ploughing of my plot. And I prepared my plot by harrow and tiller. I have selected healthy, disease and insect free sugarcane for cane seed. I have used only upper part of that selected sugarcane. I planted my plot by trench method in double row by using two bud sets. After cane seed treatment by Bavistin I planted sugarcane in First week of September by trench method in double row, I apply F.Y.M, basal dose of fertilizers and insecticides in trenches and irrigate the furrows. After 30 days of planting I filled the gaps with sprouted sets. In guidance of sugarcane department I adopted
agricultural practices in irrigation, weed management, manure and fertilizers management, disease and pest management, earthing up, cane propping. I participated in state level cane competition during year 2016-17. In my plot crop cutting was done by cane development department. In 2016-17 the average cane production of my plot was 2221 Q/hect. I also used water soluble fertilizers and bio fertilizers in my plot. In the year 2015-16. I planted total sugar cane area by trench method in autumn and spring season by using single bud (vertically and horizontally). After the effort of the cane development department farmers of 19 district of UP visited to see this plot and praised this plot and trench method. They asked about the agricultural practices done by me. After inspiring from this plot this farmers told me for planting by trench method.

4- Key Result :-

When I was doing traditional farming of sugarcane my production was 700 to 750 Q/hect. Now I am getting 2 to 3 times production (upto 2221 Q/hect.) in same field. In this way my income has increase upto 2 to 3 times. For seeing my plot the farmers of 19 district of UP came. In this way I become popular in whole state for trench planting. The scientist of cane research centre of Sahjahanpur and Pune (Maharashtra) visited my plot and inspired me for my work.

5- Impact :-

(i) I have got a lot of knowledge by cane development department in preparation of field, seed selection, seed treatment, cane planting, nutrient management, weed management disease and pest management, irrigation management, earthing up, propping of sugarcane etc.

(ii) My attitude was negative for sugarcane farming after this achievement my attitude change into positive. I will highly thankful to cane development department for changing my attitude.
6- Lessons Learned :-

In beginning I was feeling every agricultural practices difficult like preparing of field, seed selection, seed treatment, planting, other agricultural practices etc. But by motivating the cane development department and state level visit program changed my view, I started that practices in guidance of cane development department. It was challenging and I accept this challenge and now I am getting 2 to 3 times of income and production of sugarcane in same field. I learned that we should ready to get new technology and apply it in the field. Be should be in touch of officials of cane development department and scientist of cane research centre.

7- Supporting Quotes And Images :-

![Plot Visit Photograph in the Year 2015-16](image-url)
8- Additional Information :-

a. The person who supported the work are :-
   (i) Mr. OM PARKASH SINGH (DCO Bijnor)
   (ii) Mr. MITHILESH KUMAR PANDEY (SCDI Seohara)
   (iii) Mr. RAJPAL SINGH (Cane Supervisor)

b. Cutting of newspaper

![Image of newspaper]

- Contact Person For this success story
  (i) Mr. OM PARKASH SINGH (DCO Bijnor) 8127727325
  (ii) Mr. MITHILESH KUMAR PANDEY (SCDI Seohara) 7081202498
  (iii) Mr. VIJAY KUMAR JAIN (farmer) 7500803030
  (iv) Mr. RAJPAL SINGH (Cane Supervisor) 7037455368

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Success Story

Farmer’s Name - Pradeepkumar
Father’s Name - Vijendra Singh
Village - Garhwala(Tisotra)
Cane Dev. Council- Barkatpur
District - Bijnor
Yojna – Participated in State and Range Cane competition under R.K.V.Y.
Method of Sowing – Trench Method
Variety - Co-0238
Mobile No- 9997902295

Title - Cane Competition brings me in the Limelight.

1- Category – Sugar cane production.

2- Challenges –
   a- Low productivity
   b- Sugar recovery below than the national average.
   c- Higher input cost due to misuse and non-judicious application of water, fertilizer, pesticides etc :
      (i) Water :- General practice was of flood irrigation, now it is trench irrigation.
      (ii) Fertilizer :- I was using only urea and DAP, now I am using NPK, water soluble fertilizers, bio-fertilizers and micro-nutrient.
      (iii) Pesticides :- Over use and multi time use of Chloropyriphos , Corazon, Phorate etc. Now it has been replaced by deep ploughing, varietal selection, seed material selection, hot water treatment, timely and minimum use of pesticides.
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      (v) Inter row spacing was 50 to 60 cm with 3 buded sets now replaced with inter row spacing above 120 cm with single bud sets and double buded sets in double row trenches.
(vi) Ratoon Management: We are applying following operation within 10 days of harvest of plant crop to obtain better establishment and uniform sprouting of buds.

1- Remove the trash from the field and do not burn it. Irrigate the field copiously.

2- Follow stubble shaving with sharp spades to a depth of 8-10 cm along the ridges of proper moisture.

3- Work with plough along with sides of the ridges to break the compaction.

4- The gappy area in the ratoon sugarcane crop should be filled within 30 days of stubble shaving. The sprouted cane stubbles taken from the same field is the best material for full establishment.

5- Apply basal dose of fertilizers more than 25% of plant crop.

3- Initiative –

In year 2014-15, I was doing traditional farming and my production was about 600 Q/hec. I learned sugarcane planting by trench method by Mr. O.P. Singh (D.C.O.Bijnor), Mr. Afsar Husain (S.C.D.I.Barkatpur), Mr. Sudhir Kumar (Cane Supervisor) and Mr. Neeraj Kumar Tomar (Cane Supervisor) employees and officials of the cane development department. I attended the state level visit programme conducted by the cane development department in the year 2014-15 to get technical information. During the state level visit, I visited the plots of trench method in district Sitapur (UP) and got the technical information from the farmers. After the visit according to cane development department, I planned crop rotation at my field. Firstly I used Dhaincha as a green manure in my plot. After that I done deep ploughing of my plot. And I prepared my plot by harrow and tiller. I have selected healthy, disease and insect free sugarcane for cane seed. I have used only upper part of that selected sugarcane. I planted my plot by trench method in double row by using two bud sets. After cane seed treatment by Bavistin I planted sugarcane in September by trench method in double row, I apply F.Y.M, basal dose of fertilizers and insecticides in trenches and irrigate the
furrows. After 30 days of planting I filled the gaps with sprouted sets. In guidance of sugarcane department I adopted agricultural practices in irrigation, weed management, manure and fertilizers management, disease and pest management, earthing up, cane propping. I participated in state level and range level cane competition during year 2015-16 and 2016-17. In my plot crop cutting was done by cane development department. In 2015-16 the average cane production of my plot was 2107 Q/hect. And in 2016-17 the average cane production of my plot was 2397 Q/hect. I also used water soluble fertilizers and bio fertilizers in my plot, in the year 2015-16. I planted total sugar cane area by trench method in autumn and spring season by using single bud (vertically and horizontally). After the effort of the cane development department farmers of 32 district of UP and other states visited to see this plot and praised this plot and trench method. They asked about the agricultural practices done by me. After inspiring from this plot this farmers told me for planting by trench method.

4- Key Result :-

When I was doing traditional farming of sugarcane my production was 600 to 650 Q/hect. Now I am getting 3 to 4 times production (upto 2397 Q/hect.) in same field. In this way my income has increase upto 3 to 4 times. For seeing my plot the farmers of 32 district of UP came. In this way I become popular in whole state for trench planting. The scientist of cane research centre of Sahjahanpur and Pune (Maharashtra) visited my plot and inspired me for my work.

5- Impact :-

(i) I have got a lot of knowledge by cane development department in preparation of field, seed selection, seed treatment, cane planting, nutrient management, weed management disease and pest management, irrigation management, earthing up, propping of sugarcane etc.

(ii) My attitude was negative for sugarcane farming after this achievement my attitude change into positive. I will highly
thankful to cane development department for changing my attitude.

6- Lessons Learned :-

In beginning I was feeling every agricultural practices difficult like preparing of field, seed selection, seed treatment, planting, other agricultural practices etc. But by motivating the cane development department and state level visit program changed my view, I started that practices in guidance of cane development department. It was challenging and I accept this challenge and now I am getting 3 to 4 times of income and production of sugarcane in same field. I learned that we should ready to get new technology and apply it in the field. We should be in touch of officials of cane development department and scientist of cane research centre.

7- Supporting Quotes And Images :-

CROP CUTTING PHOTOGRAPH IN THE YEAR 2015-16
PLOT OF PRADEEP KUMAR WITH DHAINCHA AS A GREEN MANURE

VISIT OF OTHER DISTRICT FARMERS WITH DCO BIJNOR
CROP CUTTING IN THE YEAR 2016-17

CROP CUTTING IN THE YEAR 2016-17
PRADEEP KUMAR WITH HIS SUGARCANE HIGHT 17 FEET

8- Additional Information :-

a. The person who supported the work are :-

(i) Mr. OM PARKASH SINGH (DCO Bijnor)
(ii) Mr. AFSAR HUSSAIN (SCDI Barkatpur)
(iii) Mr. SUDHIR KUMAR (Cane Supervisor)
(iv) Mr. Neeraj Kumar Tomar (Cane Supervisor)
जिले में सबसे अच्छा गन्ने का खेत प्रदीप का

इन सीतारे नांगल के ग्राम तिसरका निवासी किसान प्रदीप कुमार के गन्ने प्लाट का जनवर कार्यकाल में मासम लगा गया है तथा इस गन्ने प्लाट का चयन राज्य कम प्रतिशिविधि के लिए हुआ है। 10 जनवर को निर्धारित हस्तांतरण प्लाट की कटिव के अवसर पर जिला गन्ना अधिकारी बाबूलाल तथा अमरनाथ भी मौजूद रहे। जिला गन्ना अधिकारी (डीशाइंजर औपनिकाशन सिंह) ने बताया कि तिसरका निवासी किसान प्रदीप कुमार के गन्ने प्लाट को बुधवार 27 दिसंबर को चौथी बजे गंगा अधिकारी बाबूलाल ने जिला गन्ना अधिकारी के अनुसार एक ही मासम लगा गया है। गन्ने के अनुसार एक ही मासम लगा गया है।

एक बीघे में 192 किवंटल गन्ने की पैदावार

भारतीय गन्ने को अनुसार 192 किवंटल पर भारतीय गन्ने को अनुसार 192 किवंटल पर भारतीय गन्ने को अनुसार 192 किवंटल पर भारतीय गन्ने को अनुसार 192 किवंटल पर भारतीय गन्ने को अनुसार 192 किवंटल पर भारतीय गन्ने को अनुसार 192 किवंटल पर भारतीय गन्ने को अनुसार 192 किवंटल पर
12 फीट का गाना देख हैरत में पड़ गए किसान

दीपिका(ब्यूरो)। शामली क्षेत्र के किसान अब जिले के किसानों का ट्रैच मॉडल अपनाकर खेती करने लगे। राजनीतिक कार्यकर्ता शामली के तीन दर्जन से अधिक किसानों ने जिले में ट्रैच और सिंगल बड़ विधि से बोए गये के खेत देखे।

जिले में ट्रैच ने सिंगल बड़ विधि से गने की खाती कर किसान नए उपयोग और रिकॉर्ड बना रहे हैं। युवा, उत्तराखंड, पंजाब, हरियाणा आदि राज्यों के 40 से अधिक जिलों के किसान जिले में आकर ट्रैच विधि से बोए गये को देख चुके हैं। वे अपने जिलों में जाकर इस मॉडल को अपना रहे हैं। राजनीतिक कार्यकर्ता की दीसीओ ओषी सिंह ने शामली के किसान सनंत गुप्त, सत्याप्त राजीव सिंह, रामपाल सिंह, शैलेंद्र, हरी दीपिका को नग्न करने वाले, तिसरार, रायपुर, बेरो, वाराणसी, जालापुर, अंकु, चक्रवर्ती जादुद्ध इत्यादि में ट्रैच और सिंगल बड़ विधि से बोए गये को देखा।

12 फीट के गने को देखकर किसान भी हैरत में आ गए। उन्होंने जिले के किसानों से ट्रैच से गना बोने की पूरी जानकारी हासिल की। इस दौरान एमसीडीआई अफसर हुसैन, रामपाल बिवेदी आदि मौजूद रहे।

जिले में सबसे अच्छा गन्ने का खेत संदीप का

राज्य प्रतियोगिता के लिये चयन

सनंत सोहन। सनंत क्षेत्र के गांव तिसरार निवासी किसान प्रतियोगिता के लिये नियुक्त हुए। उनके पता की जानकारी का सबसे अच्छा पता अंक गई थी तथा इस पता का चयन गन्ने की प्रतियोगिता के लिये हुआ। 10 जनवरी को निर्धारित हुआ पता की कठिन के अनुसार पर जिला गन्ने अधिकारी भव्यता तथा अभियान भी मौजूद थे। दीसीओ की आजीवी अवधारणाओं में हिस्सा करने के लिये इनका अनुरोध पता को बुधवार 27 जिनवरी को की गई थी। इस कारण पता की दूरी पर दो किलो में 2 देख बाले जो से बुधवार की गई थी। दीसीओ के अनुसार एक गन्ने का पता 2 से 4 किमी है तथा 10 जिले में 25-30 गन्ने हैं। दीसीओ की आजीवी अवधारणाओं में हिस्सा करने के लिये इनका अनुरोध पता को बुधवार 27 जिनवरी को की गई थी।
सिंगल बड़ विधि से 30 किलो बीज में एक बीघा गाना बोया जा सकता है: डीसीओ

गन्ना प्लाट की कटिंग आज

नांगल सोती। राज्य गन्ना, प्रदीप कुमार के गन्ना प्लाट की कटिंग आज 10 जनवरी को गन्ना विभाग के निदान अधिकारियों द्वारा की जाने का आदेश किया गया। इस अवसर पर जिला गन्ना अधिकारी बिजनौर ओमप्रकाश सिंह के अलावा जिला गन्ना अधिकारी बेली व अमोहा भी गन्ना आयुक्त के निर्देशन सुसार प्लाट पर मौजूद रहे। राज्य गन्ना प्रतियोगिता में चयनित सभी प्लाट्स की कटिंग के बाद उत्पादन के आधार पर राज्य के सर्वश्रेष्ठ गन्ना प्लाट का चयन होगा। प्रदीप के प्लाट में खेते गन्ने की लम्बाई 15-16 फिट तथा एक गन्ने का वजन 2 से 4 किग्रा है।
श्रीलंका की टीम पहुंची बिजनौर
गण्ना उत्पादन में इंटरनेशनल स्तर पर लहराया जिले का पर्यावरण
अमर उजाला ब्यूरो
बिजनौर।
जिले ने गण्ना उत्पादन में इंटरनेशनल स्तर पर अपना पर्यावरण लहराया दिया है। बिजनौर से गण्ना विभागों की टीम का गण्ना उत्पादन की तकनीक का अनुप्रयोग करने के लिए लिंगक का आयुक्त में आया। जिले के अन्तर्गत जिले के गण्ना उत्पादन के लिए लिंगक के आयुक्त के अनुप्रयोग का अनुप्रयोग करने के लिए लिंगक का आयुक्त में आया।

पाँच सदस्यीय टीम ने जिले के कई गाँवों के खेतों पर जाकर किसानों के अनुभव साझा किया।

मुख्य लिखित क्रम:
पाँच सदस्यीय टीम ने जिले के कई गाँवों के खेतों पर जाकर किसानों के अनुभव साझा किया। यह टीम ने कई गाँवों के खेतों पर जाकर किसानों के अनुभव साझा किया। यह टीम ने कई गाँवों के खेतों पर जाकर किसानों के अनुभव साझा किया।
reaction

23/04/16

Dear Sir,

I am writing to express my concerns regarding the ongoing issue of unfair treatment and discrimination against minority groups in our workplace. I have noticed a pattern of prejudice in the way colleagues interact with people from different backgrounds, and I believe it is time to address this problem.

The recent incident involving the misuse of public funds has highlighted the need for transparency and accountability. We must work together to ensure that such practices are杜绝 in the future.

I am also concerned about the safety of our facility. The recent reports of equipment malfunctions and potential hazards have raised serious concerns. It is crucial that we take immediate action to address these issues.

Thank you for your attention to these matters. I look forward to your prompt response.

Yours sincerely,

[Signature]

Date: 23-04-16

P.S. I have attached the minutes of the recent meeting for your reference.
c. Contact Person For this success story

(i) Mr. OM PARKASH SINGH (DCO Bijnor) 8127727325
(ii) Mr. AFSAR HUSSAIN (SCDI Barkatpur) 9457961576
(iii) Mr. Pradeep Kumar (farmer) 9997902295
(iv) Mr. Neeraj Kumar Tomar (Cane Supervisor) 8445874587
(v) Mr. SUDHIR KUMAR (Cane Supervisor) 9758444451
## 9- Checklist

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Success Story

Farmer’s Name - Rakesh Kumar Tyagi
Father’s Name - Makhhan Singh
Village - Karonda Chaudhar
Cane Dev. Council - Bundki-Nagina
District - Bijnor
Yojna – Participated in State and District Cane competition under R.K.V.Y.
Method of Sowing – Trench Method
Variety - Co-0238
Mobile No- 8449561721
**Title - Cane Competition brings me in the Limelight.**

1- **Category – Sugar cane production.**

2- **Challenges –**

   a- Low productivity
   b- Sugar recovery below than the national average.
   c- Higher input cost due to misuse and non-judicious application of water, fertilizer, pesticides etc :-

   (i) Water :- General practice was of flood irrigation, now it is trench irrigation.
   (ii) Fertilizer :- I was using only urea and DAP, now I am using NPK, water soluble fertilizers, bio-fertilizers and micro-nutrient.
   (iii) Pesticides :- Over use and multi time use of Chloropyriphos, Corazon, Phorate etc. Now it has been replaced by deep ploughing, varietal selection, seed material selection, hot water treatment, timely and minimum use of pesticides.
   (iv) Broadcasting of fertilizers, pesticides and micro-nutrient, now line application in trenches.
   (v) Inter row spacing was 50 to 60 cm with 3 buded sets now replaced with inter row spacing above 120 cm with single bud sets and double buded sets in double row trenches.
   (vi) Ratoon Management :- We are applying following operation within 10 days of harvest of plant crop to obtain better establishment and uniform sprouting of buds.

1- Remove the trash from the field and do not burn it. Irrigate the field copiously.
2- Follow stubble shaving with sharp spades to a depth of 8-10 cm along the ridges of proper moisture.
3- Work with plough along with sides of the ridges to break the compaction.
4- The gappy area in the ratoon sugarcane crop should be filled within 30 days of stubble shaving. The sprouted cane stubbles taken from the same field is the best material for full establishment.
5- Apply basal dose of fertilizers more than 25% of plant crop.
3- Initiative –

In year 2014-15, I was doing traditional farming and my production was about 600 Q/hec. I learned sugarcane planting by trench method by Mr.O.P.Singh(D.C.O.Bijnor), Mr. Avinash Chandra Tiwari (S.C.D.I. Bundki-Nagina) Mr.Avdhesh Vashishtha (Cane Supervisor) employees and officials of the cane development department. I attended the state level visit program conducted by the cane development department in the year 2014-15 to get technical information. During the state level visit, I visited the plots of trench method in district Sitapur (UP) and got the technical information from the farmers. After the visit according to cane development department, I planned crop rotation at my field. Firstly I used Masoor as a green manure in my plot. After that I done deep ploughing of my plot. And I prepared my plot by harrow and tiller. I have selected healthy, disease and insect free sugarcane for cane seed. I have used only upper part of that selected sugarcane. I planted my plot by trench method in double row by using two bud sets. After cane seed treatment by *Bavistin* I planted sugarcane in September by trench method in double row, I apply F.Y.M, basal dose of fertilizers and insecticides in trenches and irrigate the furrows. After 30 days of planting I filled the gaps with sprouted sets. In guidance of sugarcane department I adopted agricultural practices in irrigation, weed management, manure and fertilizers management, disease and pest management, earthing up, cane propping. I participated in state level and range level cane competition during year 2015-16 and 2016-17. In my plot crop cutting was done by cane development department. In 2015-16 the average cane production of my plot was 980 Q/hect. And in 2016-17 the average cane production of my plot was 1812 Q/hect. I also used water soluble fertilizers and bio fertilizers in my plot. In the year 2015-16. I planted total sugar cane area by trench method in autumn and spring season by using single bud (vertically and horizontally). After the effort of the cane
development department farmers of 32 district of UP and other states visited to see this plot and praised this plot and trench method. They asked about the agricultural practices done by me. After inspiring from this plot this farmers told me for planting by trench method.

4- Key Result :-

When I was doing traditional farming of sugarcane my production was 600 to 650 Q/hect. Now I am getting 3 times production (upto 1812 Q/hect.) in same field. In this way my income has increase upto 3 times. For seeing my plot the farmers of 32 district of UP came. In this way I become popular in whole state for trench planting. The scientist of cane research centre of Sahjahanpur and Pune (Maharashtra) visited my plot and inspired me for my work.

5- Impact :-

(i) I have got a lot of knowledge by cane development department in preparation of field, seed selection, seed treatment, cane planting, nutrient management, weed management disease and pest management, irrigation management, earthing up, propping of sugarcane etc.

(ii) My attitude was negative for sugarcane farming after this achievement my attitude change into positive. I will highly thankful to cane development department for changing my attitude.

6- Lessons Learned :-

In beginning I was feeling every agricultural practices difficult like preparing of field, seed selection, seed treatment, planting, other agricultural practices etc. But by motivating the cane development department and state level visit program changed my view, I started that practices in guidance of cane development department. It was challenging and I accept this challenge and now I am getting 3 to 4 times of income and production of sugarcane in same field. I learned that we should ready to get new technology and apply it in the field. We should be
in touch of officials of cane development department and scientist of cane research centre.

7- Supporting Quotes And Images :-

![CROP CUTTING PHOTOGRAPH IN THE YEAR 2015-16](image)

CROP CUTTING PHOTOGRAPH IN THE YEAR 2015-16

8- Additional Information :-

a. The person who supported the work are :-
   (i)  Mr. OM PARKASH SINGH (DCO Bijnor)
   (ii) Mr. Avinash Chandra Tiwari (SCDI Bundki-Nagina)
   (iii) Mr. Avdhesh Vashishtha (Cane Supervisor)

b. Cutting of newspaper
फसल ने बोया ट्रेय विक्रय से गन्ना, किसान के खेत में लहलहा रही मानकों की क्रांति

जनवरी में देखा है कहीं ऐसा गन्ना

243 लाख कुंजला हुई बालों की खेती

राकेश त्यागी का गन्ना का प्लाट जनपद के 5 बालों में से एक
c. Contact Person For this success story

(i) Mr. OM PARKASH SINGH (DCO Bijnor) 8127727325
(ii) Mr. Avinash Chandra Tiwari (SCDI Bundki-Nagina) 7081202487
(iii) Mr. Rakesh Kumar Tyagi (farmer) 8449561721
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Success Story

Farmer’s Name - Surendra Singh  
Father’s Name - Ater Singh  
Village - Dhermupotta  
Cane Dev. Council - Bilai  
District - Bijnor  
Yojna – Participated in Foundation Nursery under R.K.V.Y.  
Method of Sowing – Trench Method  
Variety - Cos-08279  
Mobile No- 9411051445

Title – Seed is the key factor to have more productivity.

1- Category – Foundation nursery (seed production)

2- Challenges –
   a- Low quality of seed.
   b- Low production of seed.
   c- Higher input cost due to misuse and non-judicious application of water, fertilizer, pesticides etc :-
      (i) Water :- General practice was of flood irrigation, now it is trench irrigation.
      (ii) Fertilizer :- I was using only urea and DAP, now I am using NPK, water soluble fertilizers, bio-fertilizers and micro-nutrient.
      (iii) Pesticides :- Over use and multi time use of Chloropyriphos, Corazon, Phorate etc. Now it has been replaced by deep ploughing, varietal selection, seed material selection, hot water treatment, timely and minimum use of pesticides.
      (iv) Broadcasting of fertilizers, pesticides and micro-nutrient, now line application in trenches.
Inter row spacing was 50 to 60 cm with 3 buded sets now replaced with inter row spacing above 120 cm with single bud sets and double buded sets in single row and double row trenches.

d- Mostly farmers are using own sugarcane crop as a seed that’s quality is very low, the seed they are using mostly effected by disease and pest. The sugarcane they are using as a seed is not healthy seed.

3- Initiative –

I get to know about R.K.V.Y by newspaper. I contact cane development council Bilai about this Yojna. Mr. Prem Singh (SCDI Bilai) and Mr. Ganesh explained me about this yojna in brief details. Than I done registration for foundation nursery in Cane development council Bilai. cane development council Bilai provided me nucleous cane seed from Research centre Muzaffarnagar to sowing foundation nursery in the year 2016-17. I planted this cane seed at my plot by trench method. Before the planting of cane i planned crop rotation at my plot. I used Dhaincha as a green manure at my plot. After that i done deep ploughing by trackter plough of my plot, when i prepared my plot by harrow by tiller than i have selected healthy, disease and pest free cane seed. I planted my plot by trench method in double row by using two bud sets after cane seed treatment by Bavistin. I applied FYM, NPK, micronutrient and insecticides in trenches and irrigate the furrows. After 30 days of planting I filled the gape with sprouted sets. In guidance of Mr. O.P Singh (DCO Bijnor) and cane development department, I adopted agricultural practices, weed management. manure and fertilizers management, disease and pest management, earthing up and cane propping. I have done shallow irrigation in short time regularly. I apply rouging of GSD effected plant at my plot. I have taken healthy, disease and pest free cane seed production in my plot. I distributed 175 q cane seed to other farmers. I will get 50 rupees/Q subsidy on cane seed distribution. I am thankful to officials and employees of cane development department. R.K.V.Y should continue for the benefit of the farmers.

4- Key Result :-
When I was doing traditional farming of sugarcane my production was about 600 and when I was using sugarcane as a seed that was not of good quality. Now I am getting 3 times production (up to 1200-1500 Q/hect.) in same field and I am using good quality of seed that is healthy and not affected by disease and pest. Now I am producing and distributing healthy, good quality, disease free and pest free cane seed to others farmers. In this way my income has increased up to 2 to 3 times. Different areas farmers visited my plot to see my progress.

**Impact :-**

(i) I have got a lot of knowledge from cane development department in preparation of field, seed selection, seed treatment, cane planting, nutrient management, weed management disease and pest management, irrigation management, earthing up, propping of sugarcane etc.

(ii) The cane development department provided me nucleous seed from Research centre Muzaffarnagar for Foundation nursery. Now, I am producing and distributing good quality seed to others farmers. Earlier I was using low quality seed for sugar cane sowing.

(iii) In this process I got prestige as a seed producer in my area.

**5- Lessons Learned :-**

In beginning I was feeling a difficult work of seed production but in guidance of officials and employees of cane development department, I learned every agricultural practices in deep i.e preparation of field, seed selection, seed treatment, planting, manure and fertilizers management, weed management, irrigation, earthing up, propping etc. And now I am feeling easy of doing seed production process. It was challenging and I accept this challenge, now I am getting 2 – 3 times income and production of sugarcane in same field. I am thankful to Cane development
department and officials and employees to provide me new technology and knowledge about cane seed production.

6- Supporting Quotes And Images :-

![Mr. O.P. Singh (DCO Bijnor) Inspecting the Foundation Nursery](image1.jpg)

Mr. O.P. Singh (DCO Bijnor) Inspecting the Foundation Nursery

![Mr. Prem Singh (SCDI Bilai) Giving tips to Farmer](image2.jpg)

Mr. Prem Singh (SCDI Bilai) Giving tips to Farmer
7- Additional Information :-

a. The person who supported the work are :-
   (i) Mr. OM PARKASH SINGH (DCO Bijnor) 8127727325
   (ii) Mr. Prem Singh (SCDI Bilai) 7081202485
   (iii) Mr. Om Prakash (Sachiv Haldor) 7081202312
   (iv) Mr. Ganesh (Cane Supervisor) 9756901806
   (v) Mr. Komal Singh (A.P.O. Bilai) 8859089626

b. Cutting of newspaper

c. Contact Person For this success story

   (i) Mr. OM PARKASH SINGH (DCO Bijnor)
   (ii) Mr. Prem Singh (SCDI Bilai)
   (iii) Mr. Om Prakash (Sachiv Haldor)
   (iv) Mr. Ganesh (Cane Supervisor)
   (v) Mr. Komal Singh (A.P.O. Bilai)
   (vi) Mr. Surendra Singh (Farmer)
## 8- Checklist

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Title – Seed is the key factor to have more productivity.

1- Category – Primary nursery (seed production)

2- Challenges –

- Low quality of seed.
- Low production of seed.
- Higher input cost due to misuse and non-judicious application of water, fertilizer, pesticides etc :-
  1. Water :- General practice was of flood irrigation, now it is trench irrigation.
  2. Fertilizer :- I was using only urea and DAP, now I am using NPK, water soluble fertilizers , bio-fertilizers and micro-nutrient.
  3. Pesticides :- Over use and multi time use of Chloropyriphos , Corazon, Phorate etc. Now it has been replaced by deep ploughing, varietal selection, seed material selection, hot water treatment, timely and minimum use of pesticides.
  4. Broadcasting of fertilizers, pesticides and micro-nutrient, now line application in trenches.
Inter row spacing was 50 to 60 cm with 3 buded sets now replaced with inter row spacing above 120 cm with single bud sets and double buded sets in single row and double row trenches.

d- Mostly farmers are using own sugarcane crop as a seed that’s quality is very low, the seed they are using mostly effected by disease and pest. The sugarcane they are using as a seed is not healthy seed.

3- Initiative –

I get to know about R.K.V.Y by newspaper. I contact cane development council Afzalgarh about this Yojna. Mr. D.K Tiwari (SCDI Afzalgarh) and Mr. Sudhir kumar explained me about this yojna in brief details. Than I done registration for Primary nursery in Cane development council Afzalgarh. cane development council Afzalgarh provided me foundation cane seed from Mr.Ramavtar to sowing foundation nursery in the year 2015-16. I planted this cane seed at my plot by trench method. Before the planting of cane i planned crop rotation at my plot. I used Dhaincha as a green manure at my plot. After that i done deep ploughing by trackter plough of my plot, when i prepared my plot by harrow by tiller than i have selected healthy, disease and pest free cane seed. I planted my plot by trench method in double in double row by using two bud sets after cane seed treatment by Bavistin. I applied FYM, NPK, micronutrient and insecticides in trenches and irrigate the furrows. After 30 days of planting i filled the gape with sprouted sets. In guidance of Mr. O.P Singh (DCO Bijnor) and cane development department, i adopted agricultural practices, weed management, manure and fertilizers management, disease and pest management, earthing up and cane propping. I have done shallow irrigation in short time regularly. I apply rouging of GSD effected plant at my plot. I have taken healthy, disease and pest free cane seed production in my plot. I distributed 590 q cane seed to other farmers. I will get 25 rupees/Q subsidy on cane seed distribution. I am thankful to officials and employees of cane development department. R.K.V.Y should continue for the benefit for the farmers.
4- Key Result :-

When I was doing traditional farming of sugarcane my production was about 600 and when i was using sugarcane as a seed that was not of good quality. Now I am getting 3 times production (upto 1100-1250 Q/hect.) in same field and i am using good quality of seed that is healthy and not effected by disease and pest. Now i am producing and distributing healthy,good quality, disease free and pest free cane seed to others farmers. In this way my income has increase upto 2 to 3 times. Different areas farmers visited my plot to see my progress.

Impact :-

(i) I have got a lot of knowledge from cane development department in preparation of field, seed selection, seed treatment, cane planting, nutrient management, weed management disease and pest management, irrigation managemet, earthing up, propping of sugarcane etc.

(ii) The cane development department provided me foundation seed from Mr. Ramavrar for primary nursery. Now, I am producing and distributing good quality seed to others farmers. Earlier I was using low quality seed for sugar cane sowing.

(iii) In this process I got prestige as a seed producer in my area.

5- Lessons Learned :-

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department and officials and employees to provide me new technology and knowledge about cane seed production

**Inspection of foundation nursery by Mr. O.P Singh (DCO Bijnor) and others.**

6- **Additional Information :-**

a. The person who supported the work are :-
   (i) Mr. OM PARKASH SINGH (DCO Bijnor)
   (ii) Mr. D.K. Tiwari (SCDI Afzalgarh)
   (iii) Mr. Sudhir kumar (Cane Supervisor)

b. Cutting of newspaper
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(i) Mr. OM PARKASH SINGH (DCO Bijnor) 8127727325
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