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| District- Araria                          |                            |                 |                       |                       |           |              |                           | Comparative results of demonstration with SHC Technology over control i.e. Without SHC Technology at fartmer's field during Rabi/ Kharif (Year: 2019-20) |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |  |
|-------------------------------------------|----------------------------|-----------------|-----------------------|-----------------------|-----------|--------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------|--------------------------------|-------------------------------------|----------------------|--------------------------------|-----------------------|----------------------|--------------------------------|--------------------------------------------|----------------------|-------------------------|--|--|
| Village/Block: Hanskosa khurd, Forbesganj |                            |                 |                       |                       |           |              |                           |                                                                                                                                                          |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |  |
| Sl No                                     | Beneficiary name / farmers | Fathers name    | Khasra No of Demonstr | Latitude & Longitude  | Crop sown | Crop Variety | Farmers Category SC/ST/Ge | Total Fertiliser & Ameliorants applied                                                                                                                   |               |                      |                                | Total Fertiliser & Ameliorants cost |                      |                                | Crop Yield in ( Q/Ha) |                      |                                | Total income from the sale of Agricultural |                      | Net income over control |  |  |
|                                           |                            |                 |                       |                       |           |              |                           | Quantity (Kg)                                                                                                                                            |               |                      |                                | Cost (Rs)                           |                      |                                | Quantity (Q)          |                      |                                | Income (Rs)                                |                      |                         |  |  |
| 31                                        | Nitish Kr Mandal           | Dayanand Mandal | 53                    | 26.325523 & 87.291996 | Maize     |              | Gen                       | Name of Fertilizers, Bio-Fertiliser & Ameliorants                                                                                                        | Under Control | Under SHC Technology | % Increase (+) or Decrease (%) | Under Control                       | Under SHC Technology | % Increase (+) or Decrease (%) | Under Control         | Under SHC Technology | % Increase (+) or Decrease (%) | Under Control                              | Under SHC Technology |                         |  |  |
|                                           |                            |                 |                       |                       |           |              |                           | Urea                                                                                                                                                     | 24            | 18                   | -7.50%                         | 144                                 | 108                  | -25%                           | 22.5                  | 23                   | 2%                             | 47250                                      | 48300                |                         |  |  |
|                                           |                            |                 |                       |                       |           |              |                           | Ammonium Sulfate                                                                                                                                         |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |  |
|                                           |                            |                 |                       |                       |           |              |                           | DAP                                                                                                                                                      | 5             | 4                    | -8%                            | 125                                 | 100                  | -20%                           |                       |                      |                                |                                            |                      |                         |  |  |
|                                           |                            |                 |                       |                       |           |              |                           | SSP                                                                                                                                                      |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |  |
|                                           |                            |                 |                       |                       |           |              |                           | MOP                                                                                                                                                      | 3             | 3                    | 0%                             | 54                                  | 54                   | 0%                             |                       |                      |                                |                                            |                      |                         |  |  |
|                                           |                            |                 |                       |                       |           |              |                           | Micro Nutrients                                                                                                                                          |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |  |
|                                           |                            |                 |                       |                       |           |              |                           | Bio-Fertilisers                                                                                                                                          |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |  |
|                                           |                            |                 |                       |                       |           |              |                           | Organic Manures                                                                                                                                          |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |  |
|                                           |                            |                 |                       |                       |           |              |                           | Ameliorants                                                                                                                                              |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |  |
| District- Araria                          |                            |                 |                       |                       |           |              |                           | Comparative results of demonstration with SHC Technology over control i.e. Without SHC Technology at fartmer's field during Rabi/ Kharif (Year: 2019-20) |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |  |
| Village/Block: Hanskosa khurd, Forbesganj |                            |                 |                       |                       |           |              |                           |                                                                                                                                                          |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |  |
| Sl No                                     | Beneficiary name / farmers | Fathers name    | Khasra No of Demonstr | Latitude & Longitude  | Crop sown | Crop Variety | Farmers Category SC/ST/Ge | Total Fertiliser & Ameliorants applied                                                                                                                   |               |                      |                                | Total Fertiliser & Ameliorants cost |                      |                                | Crop Yield in ( Q/Ha) |                      |                                | Total income from the sale of Agricultural |                      | Net income over control |  |  |
|                                           |                            |                 |                       |                       |           |              |                           | Quantity (Kg)                                                                                                                                            |               |                      |                                | Cost (Rs)                           |                      |                                | Quantity (Q)          |                      |                                | Income (Rs)                                |                      |                         |  |  |
| 32                                        | Pintu Kr Mandal            | Dayanand Mandal | 52,51                 | 26.322451 & 87.297005 | Maize     |              | Gen                       | Name of Fertilizers, Bio-Fertiliser & Ameliorants                                                                                                        | Under Control | Under SHC Technology | % Increase (+) or Decrease (%) | Under Control                       | Under SHC Technology | % Increase (+) or Decrease (%) | Under Control         | Under SHC Technology | % Increase (+) or Decrease (%) | Under Control                              | Under SHC Technology |                         |  |  |
|                                           |                            |                 |                       |                       |           |              |                           | Urea                                                                                                                                                     | 24.5          | 21.5                 | -7%                            | 147                                 | 129                  | -12%                           | 21                    | 22                   | 4%                             | 44100                                      | 46200                |                         |  |  |
|                                           |                            |                 |                       |                       |           |              |                           | Ammonium Sulfate                                                                                                                                         |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |  |
|                                           |                            |                 |                       |                       |           |              |                           | DAP                                                                                                                                                      | 6             | 5                    | -3%                            | 176                                 | 90                   | -48%                           |                       |                      |                                |                                            |                      |                         |  |  |
|                                           |                            |                 |                       |                       |           |              |                           | SSP                                                                                                                                                      |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |  |
|                                           |                            |                 |                       |                       |           |              |                           | MOP                                                                                                                                                      |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |  |
|                                           |                            |                 |                       |                       |           |              |                           | Micro Nutrients                                                                                                                                          |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |  |
|                                           |                            |                 |                       |                       |           |              |                           | Bio-Fertilisers                                                                                                                                          |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |  |
|                                           |                            |                 |                       |                       |           |              |                           | Organic Manures                                                                                                                                          |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |  |
|                                           |                            |                 |                       |                       |           |              |                           | Ameliorants                                                                                                                                              |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |  |



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| District- Araria                          |                            |                    |                       |                       |           |              |                           | Comparative results of demonstration with SHC Technology over control i.e. Without SHC Technology at fartmer's field during Rabi/<br>Kharif (Year: 2019-20) |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |
|-------------------------------------------|----------------------------|--------------------|-----------------------|-----------------------|-----------|--------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------|--------------------------------|-------------------------------------|----------------------|--------------------------------|-----------------------|----------------------|--------------------------------|--------------------------------------------|----------------------|-------------------------|--|
| Village/Block: Hanskosa khurd, Forbesganj |                            |                    |                       |                       |           |              |                           |                                                                                                                                                             |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |
| Sl No                                     | Beneficiary name / farmers | Fathers name       | Khasra No of Demonstr | Latitude & Longitude  | Crop sown | Crop Variety | Farmers Category SC/ST/Ge | Total Fertiliser & Ameliorants applied                                                                                                                      |               |                      |                                | Total Fertiliser & Ameliorants cost |                      |                                | Crop Yield in ( Q/Ha) |                      |                                | Total income from the sale of Agricultural |                      | Net income over control |  |
|                                           |                            |                    |                       |                       |           |              |                           | Quantity (Kg)                                                                                                                                               |               |                      |                                | Cost (Rs)                           |                      |                                | Quantity (Q)          |                      |                                | Income (Rs)                                |                      |                         |  |
| 39                                        | Rameshwar Pd Mandal        | Late Sukdev Mandal | 8,9,46,109,58         | 26.323525 & 87.299492 | Maize     |              | Gen                       | Name of Fertilizers, Bio-Fertiliser & Ameliorants                                                                                                           | Under Control | Under SHC Technology | % Increase (+) or Decrease (-) | Under Control                       | Under SHC Technology | % Increase (+) or Decrease (-) | Under Control         | Under SHC Technology | % Increase (+) or Decrease (-) | Under Control                              | Under SHC Technology |                         |  |
|                                           |                            |                    |                       |                       |           |              |                           | Urea                                                                                                                                                        | 152           | 138                  | -9%                            | 912                                 | 828                  | -9%                            | 24                    | 24.5                 | 2%                             | 50400                                      | 51450                |                         |  |
|                                           |                            |                    |                       |                       |           |              |                           | Ammonium Sulfate                                                                                                                                            |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |
|                                           |                            |                    |                       |                       |           |              |                           | DAP                                                                                                                                                         | 31            | 27                   | -13%                           | 775                                 | 702                  | -9%                            |                       |                      |                                |                                            |                      |                         |  |
|                                           |                            |                    |                       |                       |           |              |                           | SSP                                                                                                                                                         |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |
|                                           |                            |                    |                       |                       |           |              |                           | MOP                                                                                                                                                         |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |
|                                           |                            |                    |                       |                       |           |              |                           | Micro Nutrients                                                                                                                                             | 10            | 10                   | 0%                             | 900                                 | 900                  | 0%                             |                       |                      |                                |                                            |                      |                         |  |
|                                           |                            |                    |                       |                       |           |              |                           | Bio-Fertilisers                                                                                                                                             |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |
|                                           |                            |                    |                       |                       |           |              |                           | Organic Manures                                                                                                                                             |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |
|                                           |                            |                    |                       |                       |           |              |                           | Ameliorants                                                                                                                                                 |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |
| District- Araria                          |                            |                    |                       |                       |           |              |                           | Comparative results of demonstration with SHC Technology over control i.e. Without SHC Technology at fartmer's field during Rabi/<br>Kharif (Year: 2019-20) |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |
| Village/Block: Hanskosa khurd, Forbesganj |                            |                    |                       |                       |           |              |                           |                                                                                                                                                             |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |
| Sl No                                     | Beneficiary name / farmers | Fathers name       | Khasra No of Demonstr | Latitude & Longitude  | Crop sown | Crop Variety | Farmers Category SC/ST/Ge | Total Fertiliser & Ameliorants applied                                                                                                                      |               |                      |                                | Total Fertiliser & Ameliorants cost |                      |                                | Crop Yield in ( Q/Ha) |                      |                                | Total income from the sale of Agricultural |                      | Net income over control |  |
|                                           |                            |                    |                       |                       |           |              |                           | Quantity (Kg)                                                                                                                                               |               |                      |                                | Cost (Rs)                           |                      |                                | Quantity (Q)          |                      |                                | Income (Rs)                                |                      |                         |  |
| 40                                        | Parmanand Mandal           | Kailash Mandal     | 6,17,79,80            | 26.323035 & 87.296973 | Maize     |              | Gen                       | Name of Fertilizers, Bio-Fertiliser & Ameliorants                                                                                                           | Under Control | Under SHC Technology | % Increase (+) or Decrease (-) | Under Control                       | Under SHC Technology | % Increase (+) or Decrease (-) | Under Control         | Under SHC Technology | % Increase (+) or Decrease (-) | Under Control                              | Under SHC Technology |                         |  |
|                                           |                            |                    |                       |                       |           |              |                           | Urea                                                                                                                                                        | 384           | 361                  | -6%                            | 2304                                | 2166                 | -5%                            | 24.75                 | 25                   | 1%                             | 51975                                      | 52500                |                         |  |
|                                           |                            |                    |                       |                       |           |              |                           | Ammonium Sulfate                                                                                                                                            |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |
|                                           |                            |                    |                       |                       |           |              |                           | DAP                                                                                                                                                         | 78            | 69                   | -11%                           | 1950                                | 1725                 | -11%                           |                       |                      |                                |                                            |                      |                         |  |
|                                           |                            |                    |                       |                       |           |              |                           | SSP                                                                                                                                                         |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |
|                                           |                            |                    |                       |                       |           |              |                           | MOP                                                                                                                                                         | 50            | 38                   | -24%                           | 900                                 | 684                  | -24%                           |                       |                      |                                |                                            |                      |                         |  |
|                                           |                            |                    |                       |                       |           |              |                           | Micro Nutrients                                                                                                                                             | 20            | 20                   | 0%                             | 1800                                | 1800                 | 0%                             |                       |                      |                                |                                            |                      |                         |  |
|                                           |                            |                    |                       |                       |           |              |                           | Bio-Fertilisers                                                                                                                                             |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |
|                                           |                            |                    |                       |                       |           |              |                           | Organic Manures                                                                                                                                             |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |
|                                           |                            |                    |                       |                       |           |              |                           | Ameliorants                                                                                                                                                 |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |

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| District- Araria                        |                            |                     |                       |                       |           |              |                           | Comparative results of demonstration with SHC Technology over control i.e. Without SHC Technology at fartmer's field during Rabi/ Kharif (Year: 2019-20) |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |
|-----------------------------------------|----------------------------|---------------------|-----------------------|-----------------------|-----------|--------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------|--------------------------------|-------------------------------------|----------------------|--------------------------------|-----------------------|----------------------|--------------------------------|--------------------------------------------|----------------------|-------------------------|--|
| Village/Block: Madhepura- 146, Raniganj |                            |                     |                       |                       |           |              |                           |                                                                                                                                                          |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |
| Sl No                                   | Beneficiary name / farmers | Fathers name        | Khasra No of Demonstr | Latitude & Longitude  | Crop sown | Crop Variety | Farmers Category SC/ST/Ge | Total Fertiliser & Ameliorants applied                                                                                                                   |               |                      |                                | Total Fertiliser & Ameliorants cost |                      |                                | Crop Yield in ( Q/Ha) |                      |                                | Total income from the sale of Agricultural |                      | Net income over control |  |
|                                         |                            |                     |                       |                       |           |              |                           | Quantity (Kg)                                                                                                                                            |               |                      |                                | Cost (Rs)                           |                      |                                | Quantity (Q)          |                      |                                | Income (Rs)                                |                      |                         |  |
| 115                                     | Ram Pd Bhagat              | Dharamch and Bhagat | 105                   | 25.952571 & 87.202937 | Maize     | p-3522       | Gen                       | Name of Fertilizers, Bio-Fertiliser & Ameliorants                                                                                                        | Under Control | Under SHC Technology | % Increase (+) or Decrease ( ) | Under Control                       | Under SHC Technology | % Increase (+) or Decrease ( ) | Under Control         | Under SHC Technology | % Increase (+) or Decrease ( ) | Under Control                              | Under SHC Technology |                         |  |
|                                         |                            |                     |                       |                       |           |              |                           | Urea                                                                                                                                                     | 375           | 262                  | -30%                           | 2437                                | 1703                 | -30%                           | 92.2                  | 96.1                 | 4.22%                          | 161350                                     | 168175               | 6825                    |  |
|                                         |                            |                     |                       |                       |           |              |                           | Ammonium Sulfate                                                                                                                                         |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |
|                                         |                            |                     |                       |                       |           |              |                           | DAP                                                                                                                                                      | 200           | 163                  | -18.50%                        | 4800                                | 3912                 | -18.50%                        |                       |                      |                                |                                            |                      |                         |  |
|                                         |                            |                     |                       |                       |           |              |                           | SSP                                                                                                                                                      |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |
|                                         |                            |                     |                       |                       |           |              |                           | MOP                                                                                                                                                      | 175           | 125                  | -28.50%                        | 3150                                | 2250                 | -28.50%                        |                       |                      |                                |                                            |                      |                         |  |
|                                         |                            |                     |                       |                       |           |              |                           | Micro Nutrients                                                                                                                                          | 34            | 4                    | -88.57%                        | 2200                                | 240                  | -89.09%                        |                       |                      |                                |                                            |                      |                         |  |
|                                         |                            |                     |                       |                       |           |              |                           | Bio-Fertilisers                                                                                                                                          |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |
|                                         |                            |                     |                       |                       |           |              |                           | Organic Manures                                                                                                                                          |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |
|                                         |                            |                     |                       |                       |           |              |                           | Ameliorants                                                                                                                                              |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |
| District- Araria                        |                            |                     |                       |                       |           |              |                           | Comparative results of demonstration with SHC Technology over control i.e. Without SHC Technology at fartmer's field during Rabi/ Kharif (Year: 2019-20) |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |
| Village/Block: Madhepura- 146, Raniganj |                            |                     |                       |                       |           |              |                           |                                                                                                                                                          |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |
| Sl No                                   | Beneficiary name / farmers | Fathers name        | Khasra No of Demonstr | Latitude & Longitude  | Crop sown | Crop Variety | Farmers Category SC/ST/Ge | Total Fertiliser & Ameliorants applied                                                                                                                   |               |                      |                                | Total Fertiliser & Ameliorants cost |                      |                                | Crop Yield in ( Q/Ha) |                      |                                | Total income from the sale of Agricultural |                      | Net income over control |  |
|                                         |                            |                     |                       |                       |           |              |                           | Quantity (Kg)                                                                                                                                            |               |                      |                                | Cost (Rs)                           |                      |                                | Quantity (Q)          |                      |                                | Income (Rs)                                |                      |                         |  |
| 116                                     | Laxman Bhagat              | Dharamch and Bhagat | 105                   | 25.957792 & 87.202953 | Maize     | p-3522       | Gen                       | Name of Fertilizers, Bio-Fertiliser & Ameliorants                                                                                                        | Under Control | Under SHC Technology | % Increase (+) or Decrease ( ) | Under Control                       | Under SHC Technology | % Increase (+) or Decrease ( ) | Under Control         | Under SHC Technology | % Increase (+) or Decrease ( ) | Under Control                              | Under SHC Technology |                         |  |
|                                         |                            |                     |                       |                       |           |              |                           | Urea                                                                                                                                                     | 375           | 262                  | -30%                           | 2439                                | 1703                 | -30%                           | 92.2                  | 93.9                 | 1.84%                          | 161350                                     | 164325               | 2975                    |  |
|                                         |                            |                     |                       |                       |           |              |                           | Ammonium Sulfate                                                                                                                                         |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |
|                                         |                            |                     |                       |                       |           |              |                           | DAP                                                                                                                                                      | 200           | 163                  | -18.50%                        | 4800                                | 3912                 | -18.50%                        |                       |                      |                                |                                            |                      |                         |  |
|                                         |                            |                     |                       |                       |           |              |                           | SSP                                                                                                                                                      |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |
|                                         |                            |                     |                       |                       |           |              |                           | MOP                                                                                                                                                      | 175           | 125                  | -28.50%                        | 3150                                | 2250                 | -28.50%                        |                       |                      |                                |                                            |                      |                         |  |
|                                         |                            |                     |                       |                       |           |              |                           | Micro Nutrients                                                                                                                                          | 35            | 35                   | 0%                             | 35                                  | 35                   | 0%                             |                       |                      |                                |                                            |                      |                         |  |
|                                         |                            |                     |                       |                       |           |              |                           | Bio-Fertilisers                                                                                                                                          |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |
|                                         |                            |                     |                       |                       |           |              |                           | Organic Manures                                                                                                                                          |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |
|                                         |                            |                     |                       |                       |           |              |                           | Ameliorants                                                                                                                                              |               |                      |                                |                                     |                      |                                |                       |                      |                                |                                            |                      |                         |  |

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