

## Annual Activities of the Year 2021-2022

### Regional Office, Jamalpur

#### 1. Progress of Nirdeshika Updating

| Name of Office            | Field survey                     |                                  | Map finalization  |                   | Draft report preparation |             | Final report preparation |                        |
|---------------------------|----------------------------------|----------------------------------|-------------------|-------------------|--------------------------|-------------|--------------------------|------------------------|
|                           | Target                           | Achievement                      | Target            | Achievement       | Target                   | Achievement | Target                   | Achievement            |
| Regional Office, Jamalpur | 1.Sherpur Sadar<br>2. Juraichari | 1.Sherpur Sadar<br>2..Juraichari | 1. Jamalpur Sadar | 1. Jamalpur Sadar | 1.Vedargonj              | 1.Vedargonj | 1. Modon<br>2.Shibchar   | 1. Modon<br>2.Shibchar |

#### 2. Information on Upazila Surveyed during 2021-2022

##### 2 (a) Name of Upazila & District:

| Upazila          | District     |
|------------------|--------------|
| 1. Sherpur Sadar | 1. Sherpur   |
| 2. Juraichari    | 2. Rangamati |

##### 2 (b) Major findings: (Sherpur Sadar Upazila)

- i) Total area- 35,781 ha.
- ii) Total sample collected- 186.
- iii) Physiography & AEZ code- Old Brahmaputra Flood plain (9), Young Brahmaputra Flood plain (8), Active Brahmaputra Flood plain (7).
- iv) Major land type- High Land, Medium High Land, Medium Low Land, Low Land.
- v) Major soil group- Nakla, Sherpur, Sonatala, Silmondi, Ghatail, Balina, Melandaha, Dhamrai, Borarchar, Brahmaputra Sandy Alluvium, Brahmaputra Silty Alluvium.

##### 2(c) Changes in Land Type: (Data should be provided both in MS Word & Excell sheet)

| Land type       | 2007 (Year)   |               | 2021 (Year)   |               | % increase/decrease | Possible reasons  |
|-----------------|---------------|---------------|---------------|---------------|---------------------|---|
|                 | Area (ha)     | %             | Area (ha)     | %             |                     |   |
| Highland        | 11,436        | 32.04         | 9,632         | 26.92         | -5.12               | New Settlement, Infrastructure etc. occupied the high Land. |
| Medium Highland | 13,105        | 36.63         | 13,396        | 37.44         | +0.81               | Decrease of inundation depth                                |
| Medium Lowland  | 6,005         | 16.78         | 5,628         | 15.73         | -1.05               |   |
| Lowland         | 2,037         | 5.69          | 1,832         | 5.12          | -0.57               | Increase of Settlement                                      |
| Miscellaneous   | 3,171         | 8.86          | 5,292         | 14.79         | +5.93               |   |
| <b>Total</b>    | <b>35,781</b> | <b>100.00</b> | <b>35,781</b> | <b>100.00</b> |                     |   |

2(d) Changes in Land Use: (Data should be provided both in MS Word & Excell sheet)

|     | Land Use                      | 2007 (year)   |               | 2021 (year)   |               | % increase/<br>decrease | Possible<br>Reasons |
|-----|-------------------------------|---------------|---------------|---------------|---------------|-------------------------|---------------------|
|     |                               | Area<br>(ha)  | %             | Area<br>(ha)  | %             |                         |                     |
| 01. | Sugarcane                     | 903           | 2.5           | 110           | 0.31          | -2.19                   |                     |
| 02. | Spices                        | -             | -             | 652           | 1.82          | +1.82                   |                     |
| 03. | R. Vegetable- K. Vegetable    | 1,130         | 3.2           | 1,722         | 4.82          | +1.62                   |                     |
| 04. | R. Vegetable- B Aus- F        | 940           | 2.6           | -             | -             | -2.60                   |                     |
| 05. | R. Vegetable- Jute- F         | 833           | 2.3           | -             | -             | -2.30                   |                     |
| 06. | R/C- B. Aus- T. Aman          | 2,068         | 5.8           | -             | -             | -5.80                   |                     |
| 07. | Rc- Jute/T.Aus- T. Aman       | 2,245         | 6.2           | 3,324         | 9.29          | +3.09                   |                     |
| 08. | Mustard- Boro- T. Aman        | 2,598         | 7.3           | 1,160         | 3.24          | -4.06                   |                     |
| 09. | Potato- Boro- T. Aman         | -             | -             | 1,450         | 4.05          | +4.05                   |                     |
| 10. | Potato- Boro- Jute/ T.Aus-T.A | -             | -             | 2,320         | 6.49          | +6.49                   |                     |
| 11. | Potato- Jute- T.A             | -             | -             | 870           | 2.43          | +2.43                   |                     |
| 12. | Potato- Jute- K. Vegetable    | -             | -             | 870           | 2.43          | +2.43                   |                     |
| 13. | Wheat- Vegetable- T.Aman      | -             | -             | 1,740         | 4.86          | +4.86                   |                     |
| 14. | Boro- F- T. Aman              | 10,805        | 30.2          | 8,728         | 24.39         | -5.81                   |                     |
| 15. | Boro- T Aus- T. Aman          | 431           | 1.2           | 1,160         | 3.24          | +2.04                   |                     |
| 16. | Boro- F- DWTA                 | 1,464         | 4.1           | 742           | 2.07          | -2.03                   |                     |
| 17. | Boro- F- F                    | 5,880         | 16.4          | 4,640         | 12.97         | -3.43                   |                     |
| 18. | Groundnut- F- F               | 241           | 0.7           | 74            | 0.21          | -0.49                   |                     |
| 19. | Others                        | 3,072         | 8.6           | 927           | 2.59          | -6.01                   |                     |
| 20. | Miscellaneous                 | 3,171         | 8.9           | 5,292         | 14.79         | +5.89                   |                     |
|     | <b>Total</b>                  | <b>35,781</b> | <b>100.00</b> | <b>35,781</b> | <b>100.00</b> |                         |                     |

2(e) Changes in Settlement area increment: (Data should be provided both in MS Word & Excell sheet)

| Settlement Area | 2007 (year)  |             | 2021 (year)  |              | % increase/<br>decrease | Possible<br>Reasons |
|-----------------|--------------|-------------|--------------|--------------|-------------------------|---------------------|
|                 | Area (ha)    | %           | Area (ha)    | %            |                         |                     |
| Settlement      | 2,443        | 6.83        | 4,704        | 13.5         | +6.67                   |                     |
| Water bodies    | 458          | 1.28        | 382          | 1.07         | -0.21                   |                     |
| River           | 270          | 0.75        | 192          | 0.53         | -0.22                   |                     |
| Pond            | -            | -           | 14           | 0.04         | +0.04                   |                     |
| <b>Total</b>    | <b>3,171</b> | <b>8.86</b> | <b>5,292</b> | <b>14.79</b> |                         |                     |

3. Union Sahayika Preparation

| Name of Office                  | District | Upazila        | No. of sahayika prepared     |
|---------------------------------|----------|----------------|------------------------------|
| SRDI, Regional Office, Jamalpur | Jamalpur | Jamalpur Sadar | 6 Union Sahayika is prepared |

#### 4. Mobile Soil Testing Services (MSTL)

| Name of Office            | District | Rabi/2021  |                        | Kharif/2022   |                        | Total no. of sample analyzed |
|---------------------------|----------|------------|------------------------|---------------|------------------------|------------------------------|
|                           |          | Upazila    | No. of sample analyzed | Upazila       | No. of sample analyzed |                              |
| Regional Office, Jamalpur | Jamalpur | Islampur   | 52                     | Melandaha     | 62                     | 434                          |
|                           |          | Dewanganj  | 50                     | Sarishabari   | 50                     |                              |
|                           | Sherpur  | Sribordi   | 58                     | Sherpur Sadar | 56                     |                              |
|                           |          | Jhenaigati | 50                     | Nalitabari    | 56                     |                              |

#### 5. Yield Data of STB Field Trial

| SL No. | Name of Upazila | Name of District | Crop (s) & variety (s) | Average yield (t/ha) |                    | Yield increase/decrease (%) |
|--------|-----------------|------------------|------------------------|----------------------|--------------------|-----------------------------|
|        |                 |                  |                        | Farmers' field       | Demonstration plot |                             |
| 1.     | Melandaha       | Jamalpur         | BRRDhan-84             | 4.31                 | 5.93               | 37.6                        |
| 2      | Sherpur Sadar   | Sherpur          | BRRDhan-89             | 6.31                 | 8.38               | 32.8                        |

#### 6. Distribution of Fertilizer Recommendation Card

| Name of Office                  | District  | Upazila        | Type of Service  |              | Remarks  |    |
|---------------------------------|-----------|----------------|------------------|--------------|--|----|
|                                 |           |                | Nirdehsika based | Online based |  |    |
| SRDI, Regional Office, Jamalpur | Jamalpur  | Jamalpur Sadar | 177              | 115          | In 2021-22, the target of card distribution among the farmers was <b>1000</b> . A total of <b>1347</b> fertilizer recommendation cards were distributed among the farmer's in this year. |    |
|                                 |           | Islampur       | 66               | 20           |  |    |
|                                 |           | Melandh        | 124              | 90           |  |    |
|                                 |           | Dewanganj      | 63               | 10           |  |    |
|                                 |           | Mathergonj     | 30               | 18           |  |    |
|                                 |           | Bokshigonj     | 40               | 15           |  |    |
|                                 |           | Sorishabari    | 40               | 15           |  |    |
|                                 |           | Sherpur        | Sherpur Sadar    | 150          |  | 18 |
|                                 |           |                | Nokla            | 108          |  | 35 |
|                                 | Sreebordi |                | 70               | 20           |  |    |
|                                 |           |                | Nalitabari       | 25           |  | 20 |
|                                 |           | Jhinaigati     | 68               | 10           |  |    |
| <b>Total</b>                    |           |                | <b>961</b>       | <b>386</b>   |  |    |

#### 7. Training Programme

##### 7(a) Training Received

| Name of Office                  | Title of the programme  | duration | Host organization      | Participant   |        |
|---------------------------------|---|----------|------------------------|---------------|--------|
|                                 |   |          |                        | Designation   | Number |
| SRDI, Regional Office, Jamalpur | Training on 'Information Right Act-2009'                                    | 1 day    | DC Office, Jamalpur    | P.S.O         | 1      |
|                                 | Training on Preparation of Upazila Soil and Landform Map using GIS Software | 3 day    | SRDI, Dhaka            | P.S.O         | 1      |
|                                 | Training on preparation of Upazila Nirdeshika                               | 2 day    | SRDI, Dhaka            | P.S.O         | 1      |
|                                 | Crop Cultivation Area Determination using Remote Sensing Technique          | 1 day    | SRDI, Dhaka            | P.S.O         | 1      |
|                                 | Online training on 'Information Right Act-2009'                             | -        | Information Commission | P.S.O         | 1      |
|                                 | Inhouse Training of Office Staffs (11-20 Grade)                             | 1 day    | SRDI, Mymensingh       | Office Staffs | 6      |

### 7(b) Training Imparted

| Name of Office                  | Title of the programme   | Duration | Host organization              | Participant |             |
|---------------------------------|--|----------|--------------------------------|-------------|-------------|
|                                 |  |          |                                | Type        | Number      |
| SRDI, Regional Office, Jamalpur | Soil sample collection technique (MSTL).   | 1 day    | SRDI, Jamalpur.                | farmers     | 16 X 25=400 |
|                                 | Soil sample collection technique, Use of Balance Fertilizer & Identification of adulterated fertilizer | 1 day    | SRDI, Jamalpur, SRSRF Project. | farmers     | 2 X 45=90   |
|                                 | Traning on Use of Upazila Nirdeshika   | 5 day    | SRDI, Jamalpur, SRSRF Project. | SAAO        | 1 X 50= 50  |

### 8. Advisory Services to Beneficiaries

| Name of Office                  | District          | Upazila        | Agency                                | Service Provided   |
|---------------------------------|-------------------|----------------|---------------------------------------|--|
| SRDI, Regional Office, Jamalpur | Jamalpur, Sherpur | All Upazilas   | PhD student, BAU, Mymensingh          | Soil series, Soil structure and other Soil Characters of different AEZ   |
|                                 | Sherpur           | Nakla          | Soil & Agriculture Club, Nakla        | Union Fertilizer Recomendation<br>Festoon Distribution,<br>Soil Sample Collection Tecnic,<br>Adulteraed Fertilizer Identification etc. |
|                                 | Jamalpur          | Jamalpur Sadar | Soil & Agriculture Club, Kendua       | Do   |
|                                 | Jamalpur          | Melandaha      | Soil & Agriculture Club, Chorpholisha | Do   |

### 9. Distribution of saplings and/seedlings

| Name of Office           | District | Upazila        | Number      |            | Total       | Remarks  |
|--------------------------|----------|----------------|-------------|------------|-------------|--|
|                          |          |                | Fruits      | Vegetables |             |  |
| Regional Office Jamalpur | Jamalpur | Jamalpur Sadar | 272         | 185        | 457         | 2030 Seedlings and saplings of fruits and vegetables were distributed free of cost among the farmers of different upazilas under the programme 'Mujib Borsho 2021-2022'. |
|                          |          | Islampur       | 80          | 60         | 140         |  |
|                          |          | Melandh        | 205         | 155        | 360         |  |
|                          |          | Dewangonj      | 65          | 35         | 100         |  |
|                          |          | Mathergonj     | 60          | 36         | 96          |  |
|                          |          | Bokshigonj     | 50          | 25         | 75          |  |
|                          |          | Sorishabari    | 80          | 30         | 110         |  |
|                          | Sherpur  | Sherpur Sadar  | 120         | 62         | 182         |  |
|                          |          | Nokla          | 165         | 60         | 225         |  |
|                          |          | Sreebordi      | 70          | 30         | 100         |  |
|                          |          | Nalitabari     | 75          | 25         | 100         |  |
|                          |          | Jhinaigati     | 55          | 30         | 85          |  |
| <b>Total</b>             |          |                | <b>1297</b> | <b>733</b> | <b>2030</b> |  |

## 10. Details of Officer/Staff

| Officer/Staff Name           | Designation                            | Mobile no   | E-mail                   |
|------------------------------|--|-------------|--------------------------|
| 1. A. K. M. Murshedur Rahman | Principle Scientific Officer           | 01712870423 | murshedsrdi@gmail.com    |
| 2. Abdul Awal Mia            | UDA                                    | 01917062267 | awala6422@gmail.com      |
| 3. Hamidullah                | Office Assistant- cum- Computer Typist | 01727764455 | hamidullahsrdi@gmail.com |
| 4. Raju Ahmmed Rony          | Cashier                                | 01717176592 | rony.ahmmed250@gmail.com |
| 5. Md. Reazul Islam          | Driver                                 | 01718621867 |                          |
| 6. Md. Amjad Hossain         | Field Man                              | 01732358116 |                          |
| 7. Md. Golam Rabbani         | Security Guard                         | 01727911822 |                          |
| 8. Mst. Parvin Akter         | Cleaner                                | 01795708357 |                          |
| 9. Md. Amil                  | Irregular Labour                       | 01960050712 |                          |