**Proforma for sending information to prepare annual progress report, 2023-2024**

**Table-1.** **Details of Officers/Staffs**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of the office | Officer/Staff name | designation | Mobile no | E-mail |
|  |  |  |  |  |

**Table- 2. Analyzed soil samples in static laboratory**

|  |  |  |
| --- | --- | --- |
| **Sources of soil sample** | **No. of sample** | **No. of parameter** |
| Farmers: |  |  |
| Direct |  |  |
| DAE |  |  |
| SRDI |  |  |
| SRDI: |  |  |
| Upazila land and soil resource utilization guide |  |  |
| Others |  |  |
| Research institute: |  |  |
| BARI |  |  |
| BRRI |  |  |
|  |  |  |
| University (Teacher/Student): |  |  |
|  |  |  |
|  |  |  |
| GOs: |  |  |
|  |  |  |
|  |  |  |
| NGOs: |  |  |
|  |  |  |
| Private Entrepreneurs: |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| Quality control: |  |  |
| Total |  |  |

**Table 2.1 Soil pH status of analyzed farmer’s samples**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sample | Very strongly acidic | Strongly acidic | Slightly acid | Neutral | Slightly alkaline | Strongly alkaline | Very strongly alkaline |
| <4.5 | 4.6-5.5 | 5.6-6.5 | 6.6-7.3 | 7.4-8.4 | 8.5-9.0 | >9.0 |
| No. |  |  |  |  |  |  |  |
| % |  |  |  |  |  |  |  |

**Table 2.2 Soil EC (dS/m) status of analyzed farmer’s samples**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sample** | **NS** | **VSS** | **SS** | **MS** | **StS** | **VStS** |
| **0.0-2.0** | **2.1-4.0** | **4.1-8.0** | **8.1-12.0** | **12.1-16.0** | **>16.0** |
| **No.** |  |  |  |  |  |  |
| **%** |  |  |  |  |  |  |

**Table 2.3 Soil OM status of analyzed farmer’s samples**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Total sample** | **VL** | **L** | **M** | **Deficient** | **O** | **H** | **VH** |
| **≤ 1.0** | **1.0-1.7** | **1.8-3.4** | **≤ 22.5** | **22.51-30.0** | **30.1-37.5** | **>37.5** |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

**Table 2.4 Total N status of analyzed farmer’s samples**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Total sample** | **VL** | **L** | **M** | **Deficient** | **O** | **H** | **VH** |
| **≤ 0.09** | **0.091-0.18** | **0.181-0.27** | **≤ 0.27** | **0.271-0.36** | **0.361-0.45** | **>0.45** |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

**Table 2.5 Available P (ppm) status of analyzed farmer’s samples**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Total sample** | **VL** | **L** | **M** | **Deficient** | **O** | **H** | **VH** |
| **Bray & Kurtz Method** | | | | | | |
| **≤ 5.25** | **5.251-10.5** | **10.51-15.75** | **≤ 15.75** | **15.76-21.0** | **21.1-26.25** | **>26.25** |
| **Olsen Method** | | | | | | |
| **≤ 7.5** | **7.51-15.0** | **15.1-22.5** | **≤ 22.5** | **22.51-30.0** | **30.1-37.5** | **>37.5** |
|  |  |  |  |  |  |  |  |

**Table 2.6 Exchangeable K status of analyzed farmer’s samples**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Total sample** | **VL** | **L** | **M** | **Deficient** | **O** | **H** | **VH** |
| **≤ 0.09** | **0.091-0.18** | **0.181-0.27** | **≤ 0.27** | **0.271-0.36** | **0.361-0.45** | **>0.45** |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

**Table 2.7 Available S status of analyzed farmer’s samples**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Total sample** | **VL** | **L** | **M** | **Deficient** | **O** | **H** | **VH** |
| **≤ 7.5** | **7.51-15.0** | **15.1-22.5** | **≤ 22.5** | **22.51-30.0** | **30.1-37.5** | **>37.5** |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

**Table 2.8 Avail Zn status of analyzed farmer’s samples**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Total sample** | **VL** | **L** | **M** | **Deficient** | **O** | **H** | **VH** |
| **≤ 0.45** | **0.451-0.9** | **0.91-1.35** | **≤ 1.35** | **1.351-1.80** | **1.81-2.25** | **>2.25** |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

**Table 2.9 Available B status of analyzed farmer’s samples**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Total sample** | **VL** | **L** | **M** | **Deficient** | **O** | **H** | **VH** |
| **≤ 0.15** | **0.151-0.3** | **0.31-0.45** | **≤0.45** | **0.451-0.6** | **0.61-0.75** | **>0.75** |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |

**Table-3. Analyzed plant samples**

|  |  |  |
| --- | --- | --- |
| **Source of sample** | **No. of sample** | **No. of ingredient** |
|  |  |  |
|  |  |  |
|  |  |  |
| Total |  |  |

**Table- 4. Analyzed water samples**

|  |  |  |
| --- | --- | --- |
| **Source of sample** | **No. of sample** | **No. of ingredient** |
|  |  |  |
|  |  |  |
|  |  |  |
| Total |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Table-5. Analytical update of Upazila land and soil resource utilization guide updating soil**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **Divisional Lab.** | **Regional Lab.** | **Name of Upazila** | **Sample** | **Analytical Status** | |  |  |  |  |  | |  |  |  | |  |  |  |  | |  |  |  |   **Table-6. Soil samples analysis and fertilizer recommendation cards distribution through MSTL** | | | | | | | | | | | | | | | | |
| **MSTL** | **Season** | | **Working area** | | | | | | | | | | | | | |
| District | | | Upazila/Block | | | | Sample | | | Cards | | | |
|  | Rabi | |  | | | |  | | | Rabi | Kharif | | Rabi | | Kharif | |
|  | | | |  | | |  |  | |  | |  | |
| Kharif | |  | | | |  | | |  |  | |  | |  | |
|  | | | |  | | |  |  | |  | |  | |
| Total | | | | | | | | | |  |  | |  | |  | |
| Table 6.1**EC (Salinity) status of analyzed soil samples (Rabi and Kharif)** | | | | | | | | | | | | | | | |
| MSTL | | Sample | | EC(dS/m) | | | | | | | | | | | |
| NS | VSS | | | SS | MS | | | StS | | VStS | |
| 0.0-2.0 | 2.1-4.0 | | | 4.1-8.0 | 8.1-12.0 | | | 12.1-16.0 | | >16.0 | |
|  | | No. | |  |  | | |  |  | | |  | |  | |
| % | |  |  | | |  |  | | |  | |  | |
|  | | No. | |  |  | | |  |  | | |  | |  | |
| % | |  |  | | |  |  | | |  | |  | |

**Table 6.2 pH status of analyzed soil samples (Rabi and Kharif)**

**Table 6.3 Available P status of analyzed soil samples (Rabi and Kharif)**

**Table 6.4 Exchangeable K status of analyzed soil samples (Rabi and Kharif)**

**Table 6.5Available S status of analyzed soil samples (Rabi and Kharif)**

**Table-7. Prepared and distributed fertilizer recommendation cards**

|  |  |
| --- | --- |
| **Name of Client** | **No. of cards** |
| Soil test based |  |
| OFRS based |  |
| Upazila land and soil resource utilization guide based |  |
| Total |  |

**Table- 8. Training provided by the laboratories**

|  |  |
| --- | --- |
| **Topic** | **No. of trainee** |
| Soil samples collection and balanced fertilizer use |  |
| Identification of Adulterated fertilizer |  |
|  |  |
|  |  |
| Total |  |

**Table- 9. Source and quantity of analyzed fertilizer samples**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name of fertilizers | Source | **Quantity** | | |
| Total | Standard | Sub-standard |
| Urea | DAE (Regitration) |  |  |  |
| DAE (UAO) |  |  |  |
| Port |  |  |  |
| Private |  |  |  |
| Total |  |  |  |  |
| TSP | DAE (Registration) |  |  |  |
| DAE (UAO) |  |  |  |
| Total |  |  |  |  |
| Grand Total |  |  |  |  |

**Table- 10 Quality of analyzed fertilizer sample**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of fertilizer** | **Quality** | | |
| Total | Standard% | Sub-standard% |
| Urea |  |  |  |
| TSP |  |  |  |
| DAP |  |  |  |
| MOP |  |  |  |
| Gypsum |  |  |  |
| MgSO4 |  |  |  |
| ZnSO4monohyate |  |  |  |
| ZnSO4 heptahydrate |  |  |  |
| Chelated zinc |  |  |  |
| Solubor boron |  |  |  |
| Boric acid |  |  |  |
| Fertibor |  |  |  |
| Organic fertilizer |  |  |  |
| K2SO4 |  |  |  |
| MAP |  |  |  |
| (NH4)2SO4 |  |  |  |
| NPKS |  |  |  |
| Dolomite |  |  |  |
| Grand Total |  |  |  |

**Table- 11. Revenue earning**

|  |  |
| --- | --- |
| **Source** | **(Tk.)** |
| Soil |  |
| Water |  |
| Plant |  |
| Fertilizer |  |
| Total |  |

**12. Changes in soil chemical properties [Comparison of Upazila Nirdeshika updating recent data with previous one (Each division at least one)]**

Title

Abstract

Introduction

Materials and methods

Result and discussion

Conclusion

References

**13. Conducting research (if any)**

Title

Abstract

Introduction

Materials and methods

Result and discussion

Conclusion

References