**Revised**

**The Government of the People’s Republic of Bangladesh**

**National Agricultural Technology Program – Phase II Project (NATP-2)**

**Project Management Unit (PMU)**

**Ministry of Agriculture**

**AIC Building, BARC Complex, Farmgate, Dhaka-1215**

**NATP-2 Regional Progress Review Workshop 2019-20**

**Sample Program**

**Date: ------------------------ Venue: ---------------------------------------------------**

|  |  |  |
| --- | --- | --- |
| **Time (hrs)** | **Activity/Topic** | **Presenter** |
| 08:30-9:30 | **Registration** |  |
| 09:30-10:30 | **Inauguration Session**   1. Guests take their seats 2. Telawat-E-Qur’an 3. Welcome address 4. Address by the Special Guest(s) 5. Address by the Chief Guest 6. Address by the Session Chair |  |
| 10:30-11:00 | **Tea Break** |  |
| **Technical Session I** | | |
| 11:00-12:00 | DAE Regional Presentation & Discussion |  |
| 12.00-12:15 | Hortex Regional Presentation & Discussion |  |
| 12:15-13:15 | DOF Regional Presentation & Discussion |  |
| 13:15-14:15 | **Prayer & Lunch Break** |  |
| **Technical Session II** | | |
| 14:15-15:15 | DLS Regional Presentation & Discussion |  |
| **Technical Session III** | | |
| 15:15-16:00 | Issue-based/General Discussion |  |
| 16:00-17:00 | Wrap-up & Closing |  |
| 17:00 | **Closing Tea** |  |

**Workshop Dates and Venues with Region/Division and Districts (& # of Upazilas)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Event** | **Workshop Date** | **Venue** | **Region/Division** | **Districts (Upazilas)** |
| 1 | 22 January 2020 | BINA, Mymensingh | Mymensingh & Dhaka  Total District = 06  Total Upazila= 51  Participants= | Mymensingh(10), Jamalpur(7), Sherpur(4), Netrokona(8), Tangail(11), Kishoreganj(11) |
| 2 | 27 February 2020 | CSS Ava Center Khulna | Khulna, Jashore & Barishal  Total District = 12  Total Upazila= 44  Participants= | Khulna(4), Satkhira(3), Bagerhat(3), Narail(3), Kushtia(4), Chuadanga(2), Meherpur(3), Jashore(8), Jhenaidah(3), Magura(4); Bhola(4), Pirojpur(3) |
| 3 | 11 March 2020 | RDA, Bogura | Rajshahi, Bogura, Rangpur & Dinajpur  Total District= 13  Total Upazila= 69  Participants= | Rajshahi(5), Naogaon(6), Natore(4), Chapai Nawabganj(4), Bogura(11), Joypurhat(2), Pabna(8), Sirajganj(9); Rangpur(5), Gaibandha(3), Dinajpur(7), Panchagarh(2), Thakurgaon(3) |
| 4 | 31 March 2020 | BARD, Cumilla | Cumilla & Sylhet  Total District = 10  Total Upazila= 44  Participants= | Comilla(7), BBaria(6), Chandpur(5); Noakhali (4), Feni(2), Laxmipur(2), Sylhet(5), Moulavibazar(6), Habiganj(4), Sunamganj(3) |
| 5 | 16 April 2020 | BIAM, Cox’s Bazar | Chattogram-Rangamati  Total District = 05  Total Upazila= 15  Participants= | Chattogram(7), Cox’s Bazar(1), Rangamati(2), Khagrachhari(3), Bandarban(2) |
| 6 | TBD | BARC, Dhaka | Dhaka & Faridpur  Total District = 11  Total Upazila= 47  Participants= | Dhaka(3), Narayanganj(1), Narsingdi(6), Gazipur(4), Munshiganj(3), Manikganj(5), Faridpur(6), Rajbari(4), Gopalganj(5), Madaripur(4), Shariatpur(6) |

**Presentation Formats (Indicative)**

**The presentation should reflect the following categorically:**

1. **Social Mobilization:** Number of CIGs (and UzPOs) formed/mobilized and functioning; participation of small, marginal and women farmers in CIGs, group saving, bank balance & investment, CIG registration status, AIF-2/AIF-3 status, etc.
2. **FIAC:** Number of FIAC formed/mobilized and functioning, status of activities, no. of farmers visiting or communicating with FIAC each month, major type of problem discussed, facility created in FIAC including use of ICT & FIAC digitization, suggestions how to strengthen and sustain FIAC services, etc.
3. **Technology Demonstration and Adoption:** Number of technologies demonstrated andadopted by CIG and non-CIG farmers (technology wise), provide matrix of demonstration.
4. **Skill Development:** How many training courses, exposure visits and field days are organized and their effectiveness to minimize knowledge/skill gaps and on the adoption and diffusion of demonstrated/visited technologies; inclusion of environmental and social safe guard issues in training courses/modules (give the name of topics).
5. **Decentralized Extension System:** Acceptance and sustainability of decentralized extension approaches e.g. CMP, UMP, UzEP, No. of integrated upazila extension plans prepared and implemented.
6. **Productivity (Yield) and Production:** Trend of change in yield over the years and total production due to dissemination of improved technologies in the region, acreage covered along with per hectare productivity and total production under each adopted/demonstrated technology, no. of farmers benefitted (small/marginal/women), no. of farmers have seed production program and its present status.
7. **Improved Post Harvest Management:** Market linkages activities, farmers/traders trained in commercial agriculture and quality control of products, post harvest loss reduction, number of commodity collection & marketing center (CCMC) functioning, quantity of produces marketed, income increased.
8. **Environmental Issues:** Mitigation measures undertaken against the effects of indiscriminate use of agro-chemicals (fertilizers/pesticides), mechanization, irrigation; and adoption of AWD, IPM, compost, bio-gas, etc.
9. **Publication**: Production of extension and publicity materials and their distribution and uses.
10. **Success Stories**: Success stories of CIGs/ farmers with evidences of yield andincome enhancement, improved livelihoods, Good Agricultural Practices (GAP), etc.
11. **Lessons Learned:** Problems faced during the implementation of field activities and lessons learned therefrom.
12. **Researchable Issues**: Researchable problems/issues identified during the implementation of field activities.
13. **Key challenges:** Key challenges faced during the implementation of NATP-2.
14. **Recommendations**: Workable recommendations for the improvement of the project.

**Suggested formats for presentation and reporting:**

**Table 1a: CIG mobilization**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Particulars** | **As on 30 December 2019** | | | **Remarks** |
| **Old (NATP-1) Upazilas** | **New (NATP-2) Upazilas** | **Total** |
| Unions (No.) |  |  |  |  |
| Upazilas (No.) |  |  |  |  |
| Households in the Upazilas (No.) |  |  |  |  |
| Total agricultural households (No.) |  |  |  |  |
| Households benefited by NATP program (No.)   1. CIG 2. Non- CIG |  |  |  |  |
| Farmers benefitted (%)  i. Small farmers  ii. Marginal farmers  iii. Women farmers  iv. Rich farmers |  |  |  |  |
| No. of CIGs formed |  |  |  |  |
| No. of Farmers enrolled in CIGs |  |  |  |  |
| % of CIGs registered |  |  |  |  |
| No. of CIG initiated savings |  |  |  |  |
| No. of CIGs operating bank account |  |  |  |  |
| Av. amount saved (Tk./ per CIG) |  |  |  |  |
| Amount invested in profitable activities (Tk./ per CIG.) |  |  |  |  |
| CIG asset development (e.g. power tiller, fattening bull, fishing net, etc.) |  |  |  |  |
| CIG farmers adopted improved technology (Cumulative total No.) |  |  |  |  |
| Non-CIG farmers adopted improved technology (Cumulative total No.) |  |  |  |  |
| Technology diffusion ratios |  |  |  |  |

**Table 1b: Details of CIG savings**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Per CIG Savings (Tk)** | **No. of CIGs as on 30 December 2019** | | | **Remarks** |
| **Old (NATP-1) Upazilas** | **New (NATP-2) Upazilas** | **Total** |
| < 50,000 |  |  |  |  |
| 50,001 – 1,00,000 |  |  |  |  |
| 1,00,001 – 2,00,000 |  |  |  |  |
| 2,00,001 – 3,00,000 |  |  |  |  |
| 3,00,001 – 4,00,000 |  |  |  |  |
| 4,00,001 & above |  |  |  |  |

**Table 2: AIF-2 and AIF-3**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Particulars** | **AIF-2** | | | **AIF-3** | | |
| **Old (NATP-1) Upazilas** | **New (NATP-2) Upazilas** | **Total** | **Old (NATP-1) Upazilas** | **New (NATP-2) Upazilas** | **Total** |
| No. of proposals submitted |  |  |  |  |  |  |
| No. of projects awarded |  |  |  |  |  |  |
| No. of equipment by type procured |  |  |  |  |  |  |
| 1. |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |
| 7 |  |  |  |  |  |  |
| Benefits generated |  |  |  |  |  |  |
| Problems being faced with the equipment use |  |  |  |  |  |  |

**Table 3: CIG performance evaluation using Balanced Score Card (BSC)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Particulars** | **As on December 30 2019** | | | **Impact/Benefits/ Remarks** |
| **Old (NATP-1) Upazilas** | **New (NATP-2) Upazilas** | **Total** |
| Total No. of CIGs |  |  |  |  |
| No. of CIG Evaluated |  |  |  |
| Obtained “A” |  |  |  |
| Obtained “B” |  |  |  |
| Obtained “C” |  |  |  |
| Obtained “D” |  |  |  |

**Table 4: Functionality of FIACs**

|  |  |  |  |
| --- | --- | --- | --- |
| **Activities** | **Achievements as on December 30 2019** | | |
| **Old (NATP-1) Upazilas** | **New (NATP-2) Upazilas** | **Total** |
| Total unions |  |  |  |
| No. of FIACs formed |  |  |  |
| Av. No. of farmers advised per FIAC per month |  |  |  |
| Major problems discussed and recorded at FIACs |  |  |  |
| Extension materials distributed from FIACs (specify no. of each material)  i.  ii.  iii.  (include all major ones) |  |  |  |
| Service facilities available at FIAC (like computer, foot pump, kits, museum, etc.) |  |  |  |
| Activities initiated to familiarize FIACs |  |  |  |
| Status of ICT use & FIAC digitazition (use of Apps, Tab, mobile phones, etc) |  |  |  |
| **Action to be taken for FIAC sustainability:** |  | | |
| **Impact/Benefit:** |  | | |

**Table 5: Progress of technology demonstrations (DAE: Crop technologies/ DOF: Fisheries technologies /DLS: Livestock technologies)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **List of technologies demonstrated** | **Achievements as on December 30 2019** | | | **Remarks** |
| **Old (NATP-1) Upazilas** | **New (NATP-2) Upazilas** | **Total** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
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|  |  |  |  |  |  |
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|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  | **Impact/Benefit:** |  |  |  |  |

**Table 6: Impact of major technologies on production and income level (DAE: Crop technologies/ DOF: Fisheries technologies /DLS: Livestock technologies)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sl. No.** | **Technology demonstrated** | **Crop wise baseline (FY) yield (t/ha)** | **2019 Yield**  **(t/ha)** | **Adopter Farmers (No.)** | | **Impacts/ Benefits/ Remarks** |
| **CIG** | **Non-CIG** |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

**Table 7: Training and skill development (HRD aspects)**

| **Activities** | **Cumulative Achievements as on December 30 2019** | | | **Remarks** |
| --- | --- | --- | --- | --- |
| **Old (NATP-1) Upazilas** | **New (NATP-2) Upazilas** | **Total** |
| No. of training courses conduced with no. of participants\* |  |  |  |  |
| No. of CIG farmers trained |  |  |  |  |
| No. of CIG leaders/NGO workers trained |  |  |  |  |
| No. of SAAO/CEAL/ LEAF trained |  |  |  |  |
| No. of officers trained |  |  |  |  |
| No. of field days organized with no. of participants\* |  |  |  |  |
| No. of exposure visits organized with no. of participants\* |  |  |  |  |
| No. of upazila fairs organized with no. of visitors\* |  |  |  |  |
| Name of training modules developed  i.  ii.  iii.  ((specify all the major modules) |  |  |  |  |
| What action to be taken to develop LEAF/CEAL as entrepreneurs? | | | | |
| **Impact/Benefit:** | | | | |

\*Put no. of participants/visitors in bracket (….)

**Table 8: Supply Chain management**

| **Activities** | **Cumulative Achievements as on December 30 2019** | | | **Remarks** |
| --- | --- | --- | --- | --- |
| **Old (NATP-1) Upazilas** | **New (NATP-2) Upazilas** | **Total** |
| No. of POs formed |  |  |  |  |
| No. of traders trained on Post- Harvest (PH) management |  |  |  |  |
| No. of farmers trained on PH management |  |  |  |  |
| No. of CCMC established/ functioning |  |  |  |  |
| % PH loss reduced by commodity  1.  2.  3.  ( all major commodities) |  |  |  |  |
| No. of commodity marketed through CCMC |  |  |  |  |
| Quantity/No. of commodity marketed (tons) through CCMC  i.  ii.  iii.  ( all major commodities) |  |  |  |  |
| Farmer’s income increased (%) over baseline |  |  |  |  |
| Farmer’s income increased (%) over baseline |  |  |  |  |
| % gap between farm gate and consumer prices reduced |  |  |  |  |
| **Impact/Benefit/Remarks:** | | | |  |

**Table 9: Women participation in NATP activities**

| **Particulars** | **Cumulative Achievements as on December 30 2019** | | |
| --- | --- | --- | --- |
| **Old (NATP-1) Upazilas** | **New (NATP-2) Upazilas** | **Total** |
| No. and % of female CIGs |  |  |  |
| No. of mixed CIGs |  |  |  |
| No. and % of female members in CIGs (all) |  |  |  |
| Female farmers trained (no. or as % of total farmers trained) |  |  |  |
| No. of female CIGs started group savings |  |  |  |
| Av. amount saved by female CIGs (Tk. per female CIG) |  |  |  |
| Amount invested in profitable activities (Tk. per female CIG) |  |  |  |
| Women based technology identified |  |  |  |
| **Impact/Benefit/Remarks:** | | | |

**Researchable issues identified from the field during implementation of NATP-2**

|  |  |
| --- | --- |
| **Old (NATP-1) Upazilas** | **New (NATP-2) Upazilas** |
|  |  |

**Provide at least 3 success stories (include 1 story from non-CIG farmer technology adopters):** Success stories of CIGs/ farmers with evidences of yield andincome enhancement, improved livelihoods, Good Agricultural Practices (GAP), etc.

|  |
| --- |
|  |

**Mention lessons learned:**

|  |  |  |
| --- | --- | --- |
| **Lessons types** | **Old (NATP-1) Upazilas** | **New (NATP-2) Upazilas** |
| Management related |  |  |
| Technology related |  |  |
| Adaptation related |  |  |
| FIAC related |  |  |
| AIF2 and AIF3 related |  |  |

**Mention key challenges:**

|  |  |  |
| --- | --- | --- |
| **Challenges types** | **Old (NATP-1) Upazilas** | **New (NATP-2) Upazilas** |
| Management related |  |  |
| Technology related |  |  |
| Adaptation related |  |  |
| FIAC related |  |  |
| AIF2 and AIF3 related |  |  |

**Give recommendations:** Workable recommendations for the improvement of project activities

|  |  |  |
| --- | --- | --- |
| **Recommendations type** | **Old (NATP-1) Upazilas** | **New (NATP-2) Upazilas** |
| Management related |  |  |
| Technology related |  |  |
| Adaptation related |  |  |
| FIAC related |  |  |
| AIF2 and AIF3 related |  |  |