Identification

|  |  |
| --- | --- |
| Name of Organization | CIMMYT International (IFAD funded project in Conservation Agriculture in Nepal |
| Address | Yogikuti, Butwal, Rupandehi, Nepal |
|  |  |
| Contact No.: | 977-9747050504 |
| E-mail address: | k.devkota@cgiar.org  |
| Person Interviewed: | Dr. Krishna Devkota |
| Position / function in organization:  | Cropping Systems Agronomist |
| Male / Female: | Male |
| CCAFS Site (ID No.) |  |
| Town Name: | Butwal, Rupandehi |
|  |  |
| Name of InterviewersM  | Ghana Shyam Giri / Dayanidhi Pokhrel |
| Date of Interview | April 2, 2012 |
| Duration of the interview | 4 Hours |
|  |  |
|  Other people present  |  |
| Please record name and functions  |  |
|  |  |

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| --- | --- | --- |
|  | **Types of Organizations**  |  |
|  | Private sector (Profit making)  | ⃝ | 1 |
|  | NGO (Local)  | ⃝ | 2 |
|  | NGO (National)  | ⃝ | 3 |
|  | √NGO (International)  | ⃝ | 4 |
|  | Government (Local)  | ⃝ | 5  |
|  | Government (Regional-within country) | ⃝ | 6 |
|  | Government (National) | ⃝ | 7 |
|  | Other International Organizations  | ⃝ | 8 √ |

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| --- | --- | --- |
|  | Does the organisation work at any of the following levels? (tick as many as relevant) |  |
|  | Local  | ⃝ | 1√ |
|  | Regional- within country | ⃝ | 2 √ |
|  | National | ⃝ | 3 √ |
|  | International | ⃝ | 4 √ |

Organisation Information

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **1.** | What does your organisation do? (Main areas of work) |  |  |  |  |
|  | * Maize and wheat improvement to make the crop production systems sustainable.
 |  |
| **2.**  | Describe the locality where your organisation works  |  |  |  |  |
|  | Rupandehi, Nawalparasi and Palpa districts (current work via IFAD and EC funded-two projects) from CIMMYT in all over the country.  |  |
|  |  |  |
|  | How long has your organisation been working in this area?  |  |
|  | These two projects have been launched from a year ago. But CIMMYT has been working in Nepal since last 28 years. |  |
|  |  |  |
| **3.** | What types of services and information do you provide to farmers (and their communities) on :  |  |  |
| **3.1** | Agriculture related decision making |  |  |  |  |
|  | * What, when, how to produce and where to sell
* How to manage crop production practices
* How to manage soil and irrigation water
* Resource management- conservation agriculture.
* Coordination and cooperation with other agriculture line agencies
 |  |
| **3.2** | Natural resource management |  |  |  |  |
|  | * Soil and water management
* Conservation agriculture to sequester carbon di oxide, to improve soil physical, chemical and biological properties
* Legume crop cultivation to trap atmospheric N.
 |  |

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| --- | --- | --- | --- | --- | --- |
| **3.3** | Food security |  |  |  |  |
|  | * Dissemination of new crop varieties to increase productivity
* Increasing cropping intensity
* Utilization of available irrigation water judiciously
 |  |
| **3.4** | Weather and climate related decision making |  |  |  |  |
|  | * Integrated plant nutrient management- reducing N loss, introduction of new climate resilient crop varieties such as flood/drought tolerant, input responsive crop varieties, dissemination of diseases/insects/weeds resistant/tolerant varieties to farmers’ fields.
 |  |
| **3.5** | Markets related decision making |  |  |  |  |
|  | * Sharing information on market price
* How and when to sell the produce to get higher price.
 |  |
| **3.6** | Does your organisation have activities related to climate change mitigation? |  |
|  | * Testing and evaluation of most promising/released crop varieties against flood, drought and pests.
* Use of Leaf Colour Chart to apply optimal amount of N so that the environment would not be polluted.
* Conservation agriculture to sequester carbon.
 |  |
|  |  |  |  |  |  |
|  | **Mitigation**In the context of climate change, a human intervention to reduce the sources or enhance the sinks of greenhouse gases.  Examples include using fossil fuels more efficiently for industrial processes or electricity generation, switching to solar energy or wind power, improving the insulation of buildings, and expanding forests and other "sinks" to remove greater amounts of carbon dioxide from the atmosphere.Source: Glossary of climate change acronyms, UNFCCC (<http://unfccc.int/essential_background/glossary/items/3666.php>) - reached through Wikipedia |  |
| **3.7** | Other types |  |  |  |  |
|  | * Conservation agriculture- using zero/minimum/reduced tillage
* Direct seeded rice in dry soil to reduce the production of Methane gas from puddle transplanted rice fields.
 |  |

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| **4.** | What objectives does your organisation aim to fulfil in the area of supporting farmer decision making by providing information and services? List them*(Probe for any objectives that may be forgotten and have to do with climate or weather issues specifically)*  |  |
|  |  |
|  | 1. Farm mechanization
 |  |  |
|  | 1. Crop simulation and modelling
 |  |  |
|  | 1. GIS and remote sensing
 |  |  |
|  | 1. On-farm participatory research
 |  |  |
|  | 1. Socio-economic studies
 |  |  |
|  | 1. Breeding (plant) and other disciplinary scientific research which involves from gene to the fields
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| --- | --- | --- | --- |
| 5. | In operational terms, what are your organization’s current priorities?Please tell me how important each objective is on a scale from 0 to 10, where 0 represents unimportant and 10 is the highest importance for your organisation |  |  |
|  | Objective (use letter from Question 4 to identify the objective) |  | Importance |  |  |
|  |   | 1.
 | 🡪 |  | 10 |  |  |
|  |  |  | 🡪 |  | 5 |  |  |
|  |  |  | 🡪 |  | 6 |  |  |
|  |  |  | 🡪 |  | 10 |  |  |
|  |  |  | 🡪 |  | 8 |  |  |
|  |  |  | 🡪 |  | 4 |  |  |
|  |  |  | 🡪 |  |  |  |  |
|  |  |  | 🡪 |  |  |  |  |
|  |  |  | 🡪 |  |  |  |  |
|  |  |  | 🡪 |  |  |  |  |
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| **6.** | What is your view of the way priorities of your organisation could be changing over the next 5 years? |  |  |
|  | * At present new research areas such as climate change, conservation agriculture etc. are emerging and gaining popularity among the farmers, researchers and policy makers. Research on these issues will be intensified over the next 5 years.
 |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| **7.** | In your geographical area of operation do you work directly with, or specifically target any of the following? |  |  |
|  | Individual farmers | ⃝ | 1 √ |
|  | Community groups | ⃝ | 2 √ |
|  | Other organisations working in the locality | ⃝ | 3 √ |
|  | Local authorities | ⃝ | 4 √ |
|  | Women individually or in groups | ⃝ | 5 √ |
|  | Other, specify \_\_ Marginalized and Poor\_\_ | ⃝ | 6  |
|  |  |  |  |
|  |  Use the answer from this question to probe the answers you get in the next question |  |  |
|  |  |  |  |  |  |
| **8.** | What activities are the main activities that **YOU** are implementing **NOW** in relation to the provision of information and services that help in decision making? |  |
|  | * Cropping systems experiments based on the principle of conservation agriculture
 |  |  |
|  | * Participatory crop research
 |  |  |
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For each activity described above, use the Activity Information pages as a guide for the interview and to record the information provided by the respondent.

Information about service activities

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
| **1.**  | Activity Name |  |  |
|  | * Sustainable intensification of smallholder maize-livestock farming systems in the hill and rice-wheat cropping systems in the Terai (Plains) of Nepal
* Programs planning, reporting, monitoring and evaluations for the above objectives required activities are to perform.
 |  |  |
| **2.** | What are you doing? |  |  |
|  | * Smallholders farm mechanization
* Good agronomy and conservation agriculture in maize based cropping systems in the hill and rice based cropping systems in the Terai.
* Cropping system intensification
* Efficient and site specific nutrient management (SSNM)
* Evaluation and promotion of modern high yielding varieties of the above mentioned crops in Palpa, Nawalparasi and Rupandehi districts.
 |  |  |
|  |  |  |  |  |  |
| **3.** | Where is it happening (include area coverage, if possible identify it on a map of the area)? |  |  |
|  | * Laguwa, Harthok, Madanpokhara, Tansen municipality, Chhandi bhanjyang villages of Palpa,
* Sunuwal village of Nawalparasi
* Through collaboration with DOA and NARC in few other villages as well
 |  |  |
|  |  |  |  |  |  |
| **4.** | Describe the way it is implemented (find out: who implements, mechanism for delivery, frequency, what capacity is built, what is the role of individuals/groups/community, etc.)?  |  |  |
|  | * On-farm experiments and delivery of technologies through participatory and partnership approaches.
* CIMMYT implements through the farmers’ groups. Also for the core scientific experiments collaboration through NARC.
* Capacity build up of service providers, private sectors, farmers’ groups, NARC scientists, DOA personals in various aspects of conservation agriculture practices
* Role of individual/group/community- decision support, implementation (joint), feedback, active participation in the innovation process, providing and participating land, labour, and inputs for joint experimentation, validation and demonstration and rolling out process.
 |  |  |
| **5.** | Describe the target population and the population being reached (characteristics, size, etc.) |  |  |  |
|  | * Ethnic and women group-> 5 groups-> 250 farmer families.
* Other farmers group-> 5 groups-> 150 farmers
* Scientific community
* Extension agents
* Private service providers and agro-vets
* Private machinery suppliers and importers
 |  |  |
|  |  |  |  |  |  |
| **6.** | Are you targeting a particular group? |  | Yes  | ⃝ | 1 |
|  |  |  | No | ⃝ | 2 √ |
|  | **Describe the targeted group** |  |  |  |  |
| **7.** | Are you targeting mainly  | Men | young | ⃝ | 1 √ |
|  | Tick as many as relevant |   | adults | ⃝ | 2 √ |
|  |  |   | elderly | ⃝ | 3 √ |
|  |  | Women  | young | ⃝ | 4 √ |
|  |  |   | adults | ⃝ | 5 √ |
|  |  |   | elderly | ⃝ | 6 √ |
| **8.** | Are there any specific ethnicities, type of households (e.g. female headed) or specific socio-economic/vulnerable/ marginalized groups that you are currently targeting in your operations? (list them below) |  |  |  |
|  | Yes they are:  |  |  |  |
|  | 1. Ethnic groups
 |  |  |  |
|  | 1. Women groups
 |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |  |
| **9.** | Are you working together with other organisations? |  |  |  |  |
|  | If yes, list them |  |  |  |  |
|  | Name of the Organization | Contact person | Type of organisation | Contact number |  |  |
|  | DADO Palpa | Rewati Paudel | 3 | 9857060487 |  |  |
|  | DADO Nawalparasi | RN Kurmi | 3 | 9847053418 |  |  |
|  | Local NGO Palpa | Ram Bdr. Rahut | 2 | 9857060335 |  |  |
|  | NARC Agri. Engineering | Shreemat Shrestha | 3 | 9841282563 |  |  |
|  | Machine importer | Soyambhu Shrestha | 5 | 9851105414 |  |  |
|  | Types: 1. Community based 2. NGO, 3. Government, 4. International and 5. Other |  |  |
|  |  |  |  |  |  |
| **10.** | How long have you been implementing this activity? | 1 year |  |  |
|  |  |  |  |  |  |
| **11.** | When will this activity finish? | Till December 2012 |  |  |
|  |  |  |  |  |  |
| **12.** | What is the source of funding for this activity? |  |  |  |  |
|  | * International funding:
	+ IFAD and EC
	+ CGIAR core funding
 |  |  |
|  | Please specify: government (national/ local), private (profit making), NGO local/ national/ international), community funded) |  |  |
|  |  |  |  |
| **13.** | f the activity is information based, try find out about the sources and process to get the information to the users. Here are some questions that may be useful to build the story:1. What is the source of information used?
2. How do you get it?
3. Do you process the information in any way for your target audience (e.g. reformatting, reframing, re-analysis)?
4. If yes, what do you do, how and why?
5. How do you pass it on to your target audience?
6. What products do you generate?
7. How do you communicate them?
8. What are the main challenges/difficulties you encounter?
 |  |  |
|  | 1. Planning workshops, farmers’ group discussions, regional workshops and seminars, different publications, FM radio, news papers.
2. By participating, cooperating and coordinating with all line agencies all together
3. NARC is an important institution for source of information.
4. If required to manage the information, the information are processed without deviating the information obtained.
5. When processing simply summarising and tabulating
	* To pass information to target groups, we use: Farmers’ groups coordination committee, ASCs/ASSCs/Contact points
	* Telephone, pamphlets, booklets, radio broadcasting using personnel contact, group mobilization, and mass media
6. The product we generate: We have nothing to generate but to disseminate the new technology of agriculture. The new technology we get from NARC, e-nets and books
7. The methods of communication: All the extension tools are used to communicate them such as Demonstrations, Mini-kits, Teaching in groups, Tours, Workshops, Seminars, Radio broadcasting, Telephone etc.
8. Main Challenges/Difficulties:
	* Lack of favourable government policy in machinery subsidy
	* Not a single agriculture machinery industry in Nepal
	* Not a reliable machine importer in Nepal
	* Many politicians, NGOs and government bureaucrats do not know the real Nepali agricultural constraints and Lack/unavailability of irrigation

Use additional pages if needed. If so, please write the organisation, activity name and page number at the top. |  |  |
|  |  |  |
|  |  |  |  |
| **14.** | Are you aware of any other organisations working locally on this theme, but that you are currently not working with? (list) |  |  |  |
|  | * CSISA- IRRI/CIMMYT implemented project in Rupandehi, Nawalparasi and Chitwan districts
* In lesser extent and inside fence- NARC’s a few commodity research programs and divisions
 |  |  |

Perception

1. From your point of view, at your workplace, what is the relative importance in the portfolio of your organisation that is placed on climate or weather related activities:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | None | Low | Medium | High | Very high |
| Allocation of time | ⃝  | ⃝ | ⃝ | ⃝ V | ⃝ |
|  |  |  |  |  |  |
| Allocation of staff | ⃝ | ⃝ | ⃝ | ⃝ V | ⃝ |
|  |  |  |  |  |  |
| Allocation of budget | ⃝  | ⃝ | ⃝ | ⃝ V | ⃝ |
|  |  |  |  |  |  |
| Other, \_\_\_\_\_\_\_\_\_\_\_\_\_ | ⃝  | ⃝ | ⃝ | ⃝ | ⃝ |
|   |  |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| 2. | From your point of view, what is driving the agenda for climate related services and information (tick as many as relevant) |  |  |
|  | funders | ⃝ | 1 √ |
|  | my organisation headquarters | ⃝ | 2 √ |
|  | my local office | ⃝ | 3 |
|  | community based organisations | ⃝ | 4 V  |
|  | farmers individually | ⃝ | 5 V |
|  | other | ⃝ | 6 |

|  |  |  |  |
| --- | --- | --- | --- |
| 3. | When did your organisation start implementing on the ground “climate change” related activities?  |  |  |
|  |  |  |  |
|  | don’t know | ⃝ | 1 V |
|  | not started yet | ⃝ | 2 |

4. Are there any gaps in the areas of climate related activity that you perceive in your organisation today?

|  |  |
| --- | --- |
|  | Area |
| 1 | As we are working on conservation agriculture practices, most of the agronomic practices differ with conventional practices and it further may vary under the context of climate change. So most of the agronomic and breeding related activities need to be synchronized in the context of conservation agriculture under climate change scenarios as well.  |
| 2 |  |
| 3 |  |
| 4 |  |
| 5 |  |
| 6 |  |

5. What is your organisation doing well, or is innovative in areas of climate related activities today – where can others learn from you?

|  |  |
| --- | --- |
|  | Area |
| 1 | Development and evaluation of drought resistant/tolerant crop varieties |
| 2 | Development of pest resistant/tolerant varieties |
| 3 | Zero/minimum/reduced tillage wheat farming |
| 4 | Broadcasting rice cultivation in dry soil |
| 5 | Development of input efficient wheat and maize varieties. |
| 6 |  |

|  |  |  |  |
| --- | --- | --- | --- |
| 6. | If you were the person making decisions on the agenda for next year, which climate related activity do you think would have potential here that is not yet included in your work? |  |  |
|  | * Adaptation activities such as using resilient varieties
 |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| 7. | Do you have any comments or additional ideas you would like me to record? |  |  |
|  |  |  |  |