

USC CANADA – Narrative Report Format, Annual report 2015-16

Name of Partner: Self Help Initiative Promotion Center (SHIP) Nepal

Title of Program: Strengthening Agro-biodiversity Based Livelihood Opportunities in Humla

Reporting Period: 1 May 2017 to 30 April 2018

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I. Introduction

a. Achievements and challenges (2 paragraphs only)

SHIP Nepal, accomplished all major activities according as planned. All activities are implemented in coordination with 5 cooperatives action committee members and custodian farmers. In total 400 cooperatives household from 5 cooperatives, 88 cooperatives member of 5 cooperatives involved in seed production and marketing. 0.412 ton vegetable seeds (0.3 ton potato, 0.1 ton chyato and 12 kg of other (broad leaf mustard, cucumber, tomato, onion) vegetable seed produced from 10 cooperatives members of Yuba OAC, Lali, Gopka and sold to SHIP Nepal. In total seed supported 0.461 ton to 80 household in last year, 11.10 ton of cereal seed (Wheat-2.56 ton, During 4 years period, from 40 gram of Khachche cross F₂ and 15 grams of Churena cross F₂ seed advanced 17675 grams of Khachche cross and 2880 grams of Churena cross with 5 types of each varieties. Similarly, 33 kg selected seed of Khachche cross is produced and distributed to 7 farmers of Rodikot VDC (In LREP project area) for seed multiplication in year 2018. Rodikot site is selected for trial in year 2018 from the seed received from Lali cooperative and one seed bed is prepared in the same location of Raya for trial and trait selection in year 2018. Finger millet-1.76, Rice-4.28 and Maize-2.50 seed produced from 3.55 hectare of land from 86 households. 5 cooperatives collected 3.46 ton quality seed from 70 cooperative member household and 1.283 ton sold to SHIP Nepal and remaining 2.16 ton seed exchanged with in 215 cooperatives members and 250 out of cooperatives members in the community. 3 cooperatives of Raya and Lali distributed 250 (200 kg Rice seed to 50 HHs and 50 kg maize to 20 HHs) kg source seed to 60 cooperatives members for improve seed production and marketing in next year 2018. 400 household including 205 female household and 446 including 221 female members are engaged in 5 cooperatives. In total 45 board members, 20(44%) women are found in leadership position in 5 cooperatives SHIP Nepal organized cooperative capacity assessment regarding governance, economy/finance and administration and advocacy and services. Out of 5 cooperatives, Dudedaha Organic Agriculture Cooperative Raya is found in high category in capacity score and remaining 4 are in medium category score. Amount **Rs. 45,09,610** is the total cooperative fund collection (*entrance fee, share amount, monthly saving, fund from SHIP Nepal/DADO for seed purchasing, interest from loan and other income-organization management cost, prize etc.*). The income is expressed **Rs. 45,09,610** in disbursed loan **Rs. 1924653**, **Rs. 115061** interest paid in saving, **Rs. 222453** for used in organization management, **Rs. 151875** used for paying seed cost for seed producer farmers, **Rs. 84277** other expenses paid auditor fee, general assembly meeting cost, staff salary and share bonus, cooperative building construction in Raya **Rs. 1306504** and balance in bank and cooperatives **Rs. 704787**. 5 cooperatives received **Rs. 151,875** as seed cost and paid this cost 57 seed producer farmers. Local land races Pawai wheat registration application proposal prepared, presented in two technical and varietal registration sub-committee meeting organized by Seed Quality Control Center, Hariharbhavan, and Pulchowk and received from National Agriculture Resource Center NARC no 07698 from Khumaltar, Lalitpur Nepal. Varietal Registration Sub-Committee meeting suggested to SHIP Nepal and Cooperative for further research in coordination with NARC-Jumla for local land race registration in future.

Prolong drought affected in winter season crop production in wheat, naked barley, and barley and delay monsoon affected in maize production delaying in maturity. From which target could not be meet in wheat and maize seed collection and distribution. Disease and insect problem seen in earlier spring crop seedling raising in rice and vegetable crops. In other side, local government election also affected in program implementation and monitoring. Delayed in establishment of local government and budgeting, seed marketing could not be successes as expected and plan.

2. Program Reach

a. Data on program reach: Please confirm figures. Note any adjustments

In 2017-18 programming year, LI-BIRD under USC Canada supported program directly reached out 400 households in community base organization (cooperatives) in Kharpunath one cooperatives, Lali two cooperatives, Raya one cooperative and one cooperative in Sarkideu VDCs of Humla district. A brief summary of the program reach is presented in the table below.

Program reach	2017-18	Name	Notes
Districts	1	Humla (SHIP Nepal project)	4 VDC out of 27 VDCs
Communities (Village Development Committee)	4	Kharpunath, Lali, Raya, Sarkideu,	<ul style="list-style-type: none"> SHIP continued all existing VDCs in Humla
Direct beneficiaries			
Households	400		<ul style="list-style-type: none"> 40 Kharpunath VDC 122 HHs in Lali VDC 202 HHs in Raya VDC 36 HHs in Sarkideu VDC
Adult Female	49		Number of members are higher than number of household due to in some VDC-Lali, Raya and Ripa members are more than 2 in one household.
Adult Male	74		
Youth Female	172		
Youth Male	151		
Indirect beneficiaries			
Households	250		Lali VDC-94 HHs, Raya VDC-107 HHs Sarkideu VDC: 49 HHs are out of coop and they are the indirect household benefited from the seed gain from cooperatives member exchanged and total cooperative member household in 4 VDCs is 400 deducted and indirect beneficiaries HHs is 250 and total household benefited is 650

3. Major activities for the period (including Table 1)

I. Support for seeds production and marketing of vegetables and cereals as a cooperative managed small scale enterprise *(link with private seed companies and DADOs)*

Successes: Under major activity support for seeds production and marketing of vegetables and cereals as a cooperative managed small scale enterprise, vegetable/seed production and marketing training and support sub activity is accomplished. For this, 2 days one refresher training organized for vegetable/seed production and marketing at Kharpunath Rural Municipality -I Lali, Chisamul. 25 including 15 females received the additional knowledge about vegetable and its seed production-seedling preparation, land preparation, plant nutrient management, insect pest management, pollination maintain, proper seed selection, processing, seed storage and its marketing. They mostly gain knowledge to produce the potato, tomato, onion, cucumber, broad leaf mustard and brinjal fresh vegetable and seed production. 25 selected household who are involved in vegetable/seed production training produced 0.68 ton seed of potato, Onion, Broad leaf mustard, Tomato, Cucumber, Spinach, Cress, Coriander and produced 0.3 ton of Onion bulb and 1.91 ton of fresh vegetable-Tomato, Tree tomato, Chyato, Cucumber. Out of total production, 300 kg of two varieties-Dejire, IPY-8, 100 kg of two types-green, white middle type chyato seed, 12 kg other dry vegetable (cucumber, broad leaf mustard, tomato, onion, coriander, spinach) seed collected and sent to LREP project area in Barai and Rodikot VDCs. Remaining seed is used for themselves and exchanged within cooperatives member. For seed production and marketing in coming year, 2 kg onion red Creole (one kg is purchased from LREP fund), 900

gram (Cucumber, Tomato, Brinjal, Broad leaf mustard) and 400 pieces of pre-basic potato seed is distributed to 20 active seed producer farmer.

Similarly, under **Cereal seed production and marketing support** wheat, maize, rice and finger millet seed production data collection from 80 seed producer household who have received 0.461 ton of source seed. It is found cultivated in 3.55 hectare and produced 11.105 ton of cereal grain and 5 cooperatives collected 3.463 ton of wheat, rice, maize and finger millets from 70 seed producer households. From total collected seeds, SHIP Nepal collected 1.283 ton of Wheat, rice and Maize seed and sent in LREP project sites Barai and Rodikot and distributed to 300 households. Remaining quantity of seeds are distributed/exchanged with in 215 cooperatives members and 250 households in out of cooperatives members. 3 cooperatives of Raya and Lali distributed 250 (200 kg Rice seed to 50 HHs and 50 kg maize to 20 HHs) kg source seed to 60 cooperatives members for improve seed production and marketing in next year.

Challenges: Due to prolong drought during winter season, most of the winter rain fed crops became failure and good seed production of Wheat could not be as expected. In earlier season, more disease occurred finger millet, rice and vegetable seed bed. During local maize growing period, at initial stage, plant growth found good. In later, due no rainfall at middle of growing and flowering time plant did not grow as well and production could not be found as expected. Some insect attack occurred in finger millet at flowering stage and damages the yield in some extent. Seed production marketing could not be as plane due to local government election and office settlement. Most of the elected body are found involved in travel visit and meeting.

Adjustments: There is no any adjustment made in plan activities. Due to local election and changing the structure of local government, seed could not be sold to DADO and other NGOs except seed sold to SHIP Nepal. Due to prolong drought and insect pest, quality seed could not be produced as plan 1.5 ton vegetables and 4 tons cereal. Seed of potato tuber production will be meet the target however the cultivation season was over before budget approved.

Opportunities: This kind of seed production and marketing through cooperatives is very good source of income generating to improve the economic status of rural people. Seed production, collection and exchanged/distribution is very example work in SHIP Nepal program area from which they can share this skill, knowledge to other farmers, related government and non government organization. Registration of local crop itself very important and challenges to the related sector and not only challenges they are also helpful to the NGO work.

For your kind information and details please see in budget/activity Code 1, code 1.1 and table no 1.1.1 to 1.1.3 and Code 1.2, table no 1.2.1 to 1.2.5 in annex 1.

2. Advancing PPB lines of rice crosses through engaging cooperative and custodian farmers

Success: For advancing PPB advance rice through support cooperative and custodian farmers to advance and select PPB bred rice lines, two trail two cooperative selected namely Laligurans Organic Agriculture Cooperative, Lali-5 and Dudhedaha Organic Agriculture Cooperative, Raya-2, Raya. Each cooperative selected one active farmer for lunch the trial for seed advancing in the programming year. Cooperatives regularly follow up in technical support of SHIP Nepal field staffs. From two trial location, in total cultivated 1.4 kg of khachche cross line produced 17.675 kg of khachche cross with 5 types similar to-Lamsero (0.58 kg), similar to Chhomrong (1.075 kg), similar to Khetalo (5.72 kg), similar to Jaudhan(5.2 kg) and Late maturing type (5.1kg). Similarly, in Churena cross, cultivated 0.73 kg of seed produced 2.88 kg seed with similar to Lamsero (0.5 kg), similar to Khetalo (0.685 kg), similar to Jaudhan (1.25 kg), similar to Khachche (0.205 kg) and similar to Churena (0.235 kg). Similarly, NARC provided 3 varieties namely Lekali-1, Lekali-3 and Chandanath-3 included in the trial. Due to landslide during seed bed all the seedling damaged of Raya and succeed in Lali and produced 13.83 kg with Lekali-1(4.65kg), Lekali-3 (3.48kg) and Chandanath-3 (5.7kg) improve seed from 26.68 square meter of land the seed sowed 480 grams (160 gram of each variety).

In year 2014, 40 gram of Khachche cross F₂ and 15 grams of Churena cross planted at two location of Lali of Lali & Unapani of Sarkideu VDCs. and produced 260 grams of Khachche cross and 80 grams of Churena cross. The churena cross of Unapani is damaged due to blast problem seen in seedling stage. These quantities of seed are planted in the same location in year 2015 and produced 2000 grams of Khachche cross and 200 grams of Churena cross. In year 2016, these quantity of seed produced in year 2015 is mixed together from Unapani and Lali, the trial is done in Raya and Lali. The cooperative of Unapani did not care successfully and the trial location is shifted in Raya. In this year, the types of the each cross line are selected and 6 types identified. In Khachche cross, one type is removed due to not ripened the seed and 5 types is separately selected the seed

namely similar to Lamsero, similar to chhomrong, similar to Khetalo, similar to Jaudhan growing by farmers in the location and late maturing types. Similarly in Churena cross, 6 types identified and one type is removed due to non ripened and 5 types are namely similar to Lamsero, similar to Khetalo, similar to Jaudhan, similar to Khachche, similar to Churena. The total quantity of seed produced is 9311 grams of Khachche cross and 3070 grams of Churena cross. In year 2017 (year 4) in Humla, 1400 grams of Khachche cross and 730 grams of Churena cross of 5 types is planted in the same location and produced the total quantity of Khachche cross 17675 grams and Churena cross 2880 grams of 5 types from both location. The seed produced in Raya is prepared in seed bed in the same location and farmers for seed multiplication and trait identification in year 2018. The cooperative of Lali did not care and seed produced in Lali is sent in LREP project area Rodikot where TA-Technical Assistant regularly present in the site and seed bed is prepared of both two cross of all types. 7 kg of Khachche cross is planted by two farmers of Lali and produced 33 kg of quality seed and this amount of seed is distributed in LREP project site Rodikot to 7 farmers for IRD purpose in year 2018.

During 4 years period, from 40 gram of Khachche cross F_2 and 15 grams of Churena cross F_2 seed advanced 17.675 kg of Khachche cross and 2.880 kg of Churena cross with 5 types of each varieties. Similarly, 33 kg selected seed of Khachche cross is produced and distributed to 7 farmers of Rodikot VDC (In LREP project area) for seed multiplication in year 2018. Rodikot site is selected seed bed prepared for trial in year 2018 from the seed received from Lali cooperative and one seed bed is prepared in the same location of Raya for trial and trait selection in year 2018.

Challenges: Due to prolong drought during early spring at seedling growing stages, most seedling diseases like blast occurred and damaged the seedling mostly Churena cross lines. At seed bed, NARC line provided in Raya trail damaged the seed bed due to landslide and no result found from NARC provided varieties in Raya. In early maturing line, was seen buck attack and sucked the milk at milking stage and no good yield found as expected.

Adjustments: There is no any adjustment made in plan activities. Due to local election and changing cooperative executive member in Laligurans Organic Agriculture Cooperative of Lali and no field technician since the year 2018, and program phase out from SoS support project, trial of cross bred line seed received from Lali is shifted in LREP project site Rodikot and trial seed bed is prepared there for seed advancing from next year where there will be the field technical staff regularly. Next one seed bed is started in the same location and farmer of Raya where cooperative is active and responsible to continue the trial for PPB seed advancing since coming year.

Opportunities: This kind of PPB advancing trial at community level is good opportunity to learn knowledge in seed improvement which will be sustainable and easily available of improve quality seed at community level. Registration of local crop itself very important and challenges to the related sector and not only challenges they are also helpful to the NGO work.

For your kind information and details please see in budget/activity Code 2, code 2.1 and table no 2.1 to 2.4 in annex 1.

3. Promote seed exchanges among custodian farmers

Success: Under promote seed exchange among custodian farmers, organized **one day participatory meeting with custodian/seed producer farmers. 25 including 19 female custodian/seed producer farmers** shared skill, knowledge about seed production, selection, seed processing, and storage system. The meeting was organized in Laligurans organic agriculture cooperative, Lali of Kharpunath rural municipality-1, Lali. During meeting experience sharing about what did they done after the training organized in previous year. Record collection of what they did since after SHIP Nepal intervention 2010/011. In total participants 16 including 10 female were participated in last year training and meeting. According to group work done in the meeting, after SHIP Nepal intervention in an average 4 to 25 crop/varieties cereal, vegetable, fruit diversity have been increased. Rice-3, Maize-3, finger millet-2, prosomillet-1, Wheat-6, Broad leaf mustard-2, chilly-2, brinjal-2, cucumber-1, cauliflower-2, cabbage-2, tomato-2, coriander-1, carrot-1, coriander, onion-2, bean-2, pumkin-2, chyato-2, fruits-4 (apple, walnut, peach, almond) are the name of crops and number of cereal and vegetables, fruits diversity increased in household level. Out of these mentioned crop/varieties here, except onion, cabbage and cauliflower, and 50% of wheat introduced line/varieties other are able to produced, used for next year and exchange the seed within the cooperatives members.

It is found average diversity increased by the participants 11.72 with minimum 4 and maximum 25 numbers of cereal, vegetable and fruit. From these custodians, seed producer farmers involved in meeting, they annually exchanged seed to 351 household in an average 11.72 HHs with minimum 5 household and maximum 40 household. Similarly, they have plan to produce and exchange more than 1840 kg seed of cereal and vegetable in coming year. This is in an average by 72.40 kg with minimum 20 kg and maximum 180 kg.

Challenges: For quality seed production, depending on rain fed condition where no irrigation facility is not available more chances for crop failure mainly in winter crops like wheat. Seed production and exchange within the village, VDC is possible whereas exchange to VDC to VDC is difficulties. After seed production transportation and marketing is another challenges as like Humla geographical condition.

Adjustment: There is no any adjustment is made in plan activity. Timely and same location and participants from plan location is done.

Opportunity: This type of organizing meeting with custodian/seed producer farmers is very successful activity from which farmers to farmer knowledge and seed sharing, feedback is suitable to each other. However, due to geographical condition of the Humla continuity is difficulties in their own cost.

For your kind information and details please see in budget/activity Code 3, code 3.1 and table no 3.1 to 3.2 in annex 1.

4. Cooperative strengthening

Success: Under Cooperative strengthening, 5 follow up meetings organized with 5 cooperatives to support for planning and review of on-going activities. Capacity assessment, calculation and documentation of income and expenditure, total beneficiary household, member, loan taker, executive board member were recorded during the meeting. 400 household found involved in 5 cooperatives including 51% women households. In this total number of households, 46 members are more than total households due to in some cooperatives, more than 2 members engaged in the cooperatives. In 45 executives members, 20(44%) are females mainly representing in treasurer and members. In 50 total loan taker members, 14 (28%) are females members. Loan is distributed to seed production, vegetable production, and small business and some are using for household consumption and school education. It is found total cooperatives income Rs. **45,09,610** from monthly saving Rs. **17,78,385**, share distribution Rs. **5,21,500**, interest from loan Rs. **2,26,064** Entrance fee Rs. **12,200**, reserved fund Rs. **1,70,411**, donation from SHIP Nepal, DADO and DDC for biodiversity conservation, income generation and Cooperative building construction (Raya from DDC), seed purchasing cost from SHIP Nepal Rs. **1,51,875** and other income-penalty, late fee, organization management cost Rs. 169175 and total cooperative expenditure is Rs. **45,09,610** in disburse loan Rs. **19,24,653**, Rs. **1,15,061** interest paid in saving, Rs. **2,22,453** for used in organization management, Rs. **1,51,875** used for paying seed cost for seed producer farmers, Rs. **84,277** other expenses paid auditor fee, general assembly meeting cost, staff salary and share bonus, cooperative building construction in Raya Rs. **13,06,504** and balance in bank and cooperatives Rs. **7,04,787**. From cooperative capacity assessment, **Dudhedaha Organic Agriculture Cooperative**, Raya is found in high score regarding governance, economic, finance and administration and advocacy and services. Other 4 cooperatives are in medium score in these regards. For details please see in the cooperative capacity score excel sheet for your kind information. This sheet is provided from LREP team leader. Follow up meeting facilitated to monitor seed production, easy to seed collection and marketing in some extend from cooperative members.

Challenges: Conducting regular monthly meeting and saving collection is challenging work in each cooperative due to lack of knowledge and ownership of cooperatives members. In some cooperative like Dudhedaha organic agriculture cooperatives has managed the paying staffs for monthly saving collection. Lack of cooperative management office building is another challenging to continue and sustaining the cooperatives activities in future in most of the cooperatives except Dudhedaha organic agriculture cooperatives. Yuba organic agriculture cooperative Lali and Laligurans organic agriculture cooperatives have managed cooperative office in rent with small room. Participation and discussion about the cooperatives is difficulties mainly in winter and rainy season due to lack of office building. In some cooperative, refunding of the loan disbursed is challenging due to lack of proper knowledge for proper objectives in loan disbursement.

Adjustments: There is no any adjustment is made under this activity. However, cooperative assessment is done in support of format provided from DF-LREP project.

Opportunities: Fund collection and loan disbursement is good opportunities in rural area people which facilitated for income generation activities including providing services in health, education and adding household daily needed materials getting loan in low interest rate. In some cooperatives, collection and mobilizing the cooperatives fund providing employment facilities. Some cooperatives are providing share bonus and saving interest to their cooperatives members from this, cooperatives members are benefiting economic satisfaction.

For your kind information and details please see in budget/activity Code 4, code 4.1 and table no 4.1 to 4.8 in annex 1.

5. Coordination, monitoring and documentation

Success: Under coordination, monitoring and documentation, accomplished activity is monitoring visit and travelling at local level and national level. In this regards, main focus were given in cereal seed production and PPB advance rice trial at local level by cooperatives and newly elected local government (Wardpalika main body). 25 including 13 females of ward palika and cooperatives main body understand about the objectives of seed production, PPB bred rice trial through discussion and site observation from one day meeting at Lali and Raya. Field technical staff directly involved to invite, inform to participate in the monitoring and site observation meeting. Since next year, 3 cooperatives executive body keep close coordination with 2 wardpalika for seed system business promotion. 3 cooperatives involved for seed collection and marketing and its business. Dudhedha Organic Agriculture Cooperative took responsibility to continue PPB cross bred rice for seed multiplication and varietal trait identification in next season. At national level, program manager prepared and submitted Pawai Wheat registration proposal in Seed Quality Control Center-SQCC, Hariharbhavan, Pulchowk, Lalitpur in close coordination with Botanical Wheat Division, NARC, Khumaltar, Lalitpur. In close coordination with SQCC program officer, prepared presentation and presented in first technical sub-committee meeting and worked on comment given by this meeting. Prepared additional information regarding soil test, wheat nutrient analysis, coordinate with DADO and other necessary few related matter and updated the first proposal and submitted in SQCC for varietal registration sub-committee meeting. Prepared second VARRSC meeting presentation and participated and presented in the meeting. VARRSC meeting suggested coordinating with NARC Jumla for further research in Pawai Wheat before registration. This meeting committed after this, the Pawai Wheat will be registered in NARC profile. The proposal and seed sample also provided in National Agriculture Genetic Resource Center, Gene Bank in NARC-Khumaltar and received NGRC No 7698.

As this is the last project period, Laligurans Organic Agriculture Cooperative, Sarkideu Ripa and Pragatisil OAC, Kharpunath-7, Durpa the two cooperatives are phase out. For continue and sustainable of the cooperatives activities after phase out, one day two meeting organized at two location Durpa and Ripa and participated 50 (20F) participants of Ward Palika main body and cooperatives executive and other. Ward palika are committed to support budget in related head in future for sustainable and continuity in related activities. Cooperative executive body also committed to participate in Ward palika planning meeting and submit the proposal for sustaining the cooperative after SHIP Nepal.

Remaining last year publication regarding Humla crop booklet and success story document edited and designing in last stage. This document will be published with in July. One leaf let (folder) of Wheat variety cultivation in Huma is prepared and submitted in press for designing and the publication will be in July.

Challenges: Variety registration is itself challenging task. It takes more time and budget including technical knowledge for success. Continuity and sustainability of cooperative is challenging when there is no good leadership and ownership of member to their cooperatives. In total phase out two cooperative, Laligurans Organic Agriculture Cooperative of Ripa will be sustain because of cooperative chair himself is wardpalika chair. In case of Pragatisil OAC of Durpa is in doughty need to give technical back force time to time for seed production of Pawai Wheat and further research in coordination with NARC-Jumla. Publication of document is also challenging work. SHIP Nepal will be published its two main documents after long in this year and this will be the property of the organization result achieved since last couple of year.

Adjustment: Under this, some adjustment is made. 3 OJT trained for three month from. DADO could not involve due to local election and government changed structure no office established and staffing after election and no authority provided during the monitoring time. Program manager involved in Pawai Wheat registration final application preparation and submit, participate in different level meeting organized by Seed Quality Control Center, Hariharbhavan, Pulchowk, Lalitpur. One leaflet is under publication regarding Wheat variety growing in Humla. Publication of due document could not completed during this reporting time due to delaying in designing. This will be in final stage and publish with in July. The budget over excess is adjusted from technical support (Staff salary) for all the mentioned adjusted activities here.

Opportunity: Coordination, monitoring and documentation is the important matter to achieve the result, continuity and sustainability of the activities implemented in the organization work. This will guide for fund leveraging in future to continuity and sustainability of the program. This will be event

in history of organization. Other development worker, beneficiaries read, practice and sharing the knowledge gain from the study of booklet and success story.

For your kind information and details please see in budget/activity Code 5, Code 5.1 and 5.2 and table no 5.1.1 to 5.1.2 in annex 1.

Annex 1

Code: 1. Support for seeds production and marketing of vegetables and cereals as a cooperative managed small scale enterprise (link with private seed companies and DADOs)

Code: 1.1. Vegetable/seed production and marketing support (two days refresher training)

Training date: July 22, 23. Time duration 2 days, Number of training 1,

Training location: Chisamul, Gopka, Lali

Name of Rural Municipality: Kharpunath

Ward palika name: Lali, Ward palika number: 1

Name of ex VDC: Lali

Number of ex ward included: 2, 3, 4, 5, 6, Name of village included: Upper/lower Lali, Gopka, chisamul

Training participants details by coop and cast group

Table No-1.1.1

Coop name	Address	Dalit			Janajati			BCT			Grand total		
		M	F	Total	M	F	Total	M	F	Total	M	F	Total
Yuba Organic Agriculture Cooperative Limited	Gopka	0	1	1	3	1	4	4	4	8	7	6	13
Laligurans Organic Agriculture Cooperative	Lali	1	0	1	0	0	0	2	9	11	3	9	12
Total		1	1	2	3	1	4	6	13	19	10	15	25

Training participant's details by coop and age group

Table No-1.1.2

Coop name	Address	Adults		Total	Youth		Total	Grant total			Participants involved in last year training		
		F	M		F	M		F	M	Total	F	M	Total
Yuba OAC Ltd	Gopka	4	3	7	2	4	7	6	7	13	3	4	7
Laligurans OAC	Lali	2	0	2	7	3	10	9	3	12	3	2	5
Total		6	3	9	8	8	16	15	10	25	6	6	12

Vegetables/seed production plan for year 2018 of training participants by Cooperatives

Table No-1.1.3

Coop name	Address	#of HHs	Onion	Broad leaf mustard	Tomato	Cucumber	Brinjal	Potato	Chyato	Total in kg
Yuba OAC Ltd	Gopka	13	5.7	10	3.9	20.3	3.14	960	205	1208
Laligurans OAC Ltd	Lali	12	6.8	11.8	5.12	10.1	19.7	900	50	1004
Total		25	12.5	21.8	9.02	30.4	22.84	1860	255	2212

Code: 1.2. Cereal seed production and marketing support-follow up, seed production/collection & marketing

Follow up month: May to April, Time duration 12 months, Number of follow up: regularly by one staffs

Location: Durpa, Lali, Gopka, Chisamul, Raya and Ripa

Name of Rural Municipality: Kharpunath and Sarkegad, Ward palika name/number: Lali/1, Raya/3, Kharpunath/5, Ripa/2.

Name of ex VDCs/included wards: Kharpunath/7, Lali/1-6, Raya/2, 3, 4 and Sarkide/1, 2, 9

No of household involved wheat seed production by coop and cast group

Table No 1.2.1

Coop name	Address	Dalit			Janajati			BCT			Grand total		
		M	F	Total	M	F	Total	M	F	Total	M	F	Total
Pragatisil OAC	Kharpunath-7, Durpa	0	0	0	3	4	7	0	0	0	3	4	7
Yuva OAC,	Lali-1, 2, 3, 4 chisamul, Gopka	0	0	0	4	1	5	5	2	7	9	3	12
Laligurans OAC,	Lali-5, 6	0	0	0	0	0	0	0	2	2	0	2	2
Dudhedhaha OAC	Raya-1, 2, 3, 4	0	0	0	1	2	3	0	3	3	1	5	6
Laligurans OAC	Sarkideu-1, 2, 3, 9, Ripa	1	0	1	0	0	0	0	0	0	1	0	1
Total		1	0	1	8	7	15	5	7	12	14	14	28

Improve and local wheat seed production details by coop and households

Table No 1.2.2

Coop name	Address	No of HHs involved in seed production	Total seed support kg	Cultivated area in ropani	Total product Kg	Seed collected by Coop	No of HHs	Seed type
Pragatisil OAC	Kharpunath-7, Durpa	7	86	9.9	1695	160	7	Local, improve
Yuva OAC	Lali-1, 2, 3, 4 chisamul, Gopka	12	51	8	515	225	10	Improve
Laligurans OAC	Lali-5, 6	2	7	1	55	0	0	Improve
Dudhedhaha OAC	Raya-1, 2, 3, 4	6	27	4	245	140	6	Improve
Laligurans OAC	Sarkideu-1, 2, 3, 9, Ripa	1	5	1	50	20	1	Improve
Total		28	176	23.9	2560	545	24	
Area in hectare & production in ton		28	0.176	1.195	2.56	0.545	24	

Number of household involve improve & local finger millet, rice and maize seed production/ collection by coop/coop members and cast group

Table No 1.2.3

Coop name	Address	Crop type	Dalit			Janajati			BCT			Grand total		
			M	F	Total	M	F	Total	M	F	Total	M	F	Total
Yuva OAC	Lali-1, 2, 3, 4 chisamul, Gopka	Local finger millet	1	0	1	1	0	1	5	4	9	7	4	11
		Local maize	0	1	1	2	0	2	0	0	0	2	1	3
		Improve maize	0	0	0	1	1	2	3	4	7	4	5	9
		Improve rice	0	0	0	0	0	0	1	0	1	1	0	1
Total cumulative			1	1	2	4	1	5	9	8	17	14	10	24
Total actual			1	1	2	4	1	5	9	8	17	14	10	24
Laligurans OAC	Lali-5, 6	Improve rice	0	0	0	0	0	0	3	6	9	3	6	9
Total actual			0	0	0	0	0	0	3	6	9	3	6	9
Dudhedhaha OAC	Raya-1, 2, 3, 4	Improve rice	0	0	0	2	3	5	3	2	5	5	5	10
		Improve maize	0	1	1	1	2	3	4	5	9	5	8	13
Cumulative			0	1	1	3	5	8	7	7	14	10	13	23
Total actual			0	1	1	3	5	8	7	5	12	10	11	21
Laligurans OAC	Sarkideu-1, 2, 3, 9, Ripa	Improve rice	0	1	1	0	0	0	2	1	3	2	2	4
		Local rice	1	1	2	0	0	0	2	4	6	3	5	8
Total			1	2	3	0	0	0	4	5	9	5	7	12
Grand Total			2	4	6	7	6	13	23	24	47	32	34	66

Improve and local rice, maize and finger millet seed cultivation details by coop member/coops

Table No 1.2.4

Coop name	Address	Crop	No of HHs in seed production	Seed support kg	Cultivated area in ropani	Seed production Kg
Yuva OAC	Lali-1, 2, 3, 4 chisamul, Gopka	Local finger millet	11	36	10.25	1760
		Local maize	3	11	2.3	240
		Improve maize	9	31	8.08	1140
		Improve rice	1	4	0.2	15
Total			24	82	20.83	3155
Laligurans OAC	Lali-5, 6	Improve rice	9	34	5.2	1090
		Improve maize	0	0	0	0
Total			9	34	5.2	1090
Dudhedhaha OAC	Raya-1, 2, 3, 4	Improve rice	10	42	8.9	1630
		Improve maize	13	36	4.83	1125
Total			23	78	13.73	2755
Actual HHs			21			
Laligurans OAC	Sarkideu-1, 2, 3, 9, Ripa	Improve rice	4	30	2.5	745
		Local rice	8	61	4.95	800
Total			4	91	7.45	1545
Grand Total			66	285	47.21	8545
Area in hectare and quantity in ton			66	0.285	2.3605	8.545
Cumulative including wheat			88	0.461	3.5555	11.105
Actual including wheat			80	0.461	3.5555	11.105

Improve and local rice, maize and finger millet seed production/collection details and exchanged by coop member/coops

Table No 1.2.5

Coop name	Address	Crop type	Seed collected kg	No of HHs in seed collection	Seed Sold to SHIP N kg	Exchanged In cooperatives member.kg	No of Member	Outside coop in village HHs
Yuva OAC	Lali-1, 2, 3, 4 chisamul, Gopka	Local finger millet	100	1	0	100	30	20
		Local maize	100	3	40	60	30	30
		Improve maize	385	9	160	225	40	73
		Improve rice	0		0	0	0	0
Cumulative Total			585	13	200	385	40	75
Household Actual Total								
Laligurans OAC	Lali-5, 6	Improve rice	378	9	133	245	30	19
		Improve maize	0	0	0	0	0	0
Cumulative Total			378	9	133	245	30	19
Household Actual Total								
Dudhedhaha OAC	Raya-1, 2, 3, 4	Improve rice	660	10	200	460	45	47
		Improve maize	400	8	200	200	40	60
Cumulative Total			1060	18	400	660	85	107
Household Actual Total								
Laligurans OAC	Sarkideu-1, 2, 3, 9, Ripa	Improve rice	355	4	50	305	30	31
		Local rice	340	8	100	240	30	18
Cumulative Total			695	12	150	545	60	49
Grand Total production in kg and household number			2718	52	883	1835	215	250
Production in ton and household number (Rice, Maize & Finger millet)			2.718	52	0.883	1.835	215	250
Cumulative HHs including wheat seed in ton and no of HHs			3.463	76	1.283	2.16	258	269
Actual seed in ton and households			3.463	70	1.283	2.16	215	250

Code: 2. Advancing PPB lines of rice crosses through engaging cooperative and custodian farmers

Code: 2.1. Support cooperative and custodian farmers to advance and select PPB bred rice lines

PPB rice trial details 2017

Trial year: 4th

A. Trial location: Kharpunath Rural Municipality-1 Lali, Lali

Responsible by: Laligurans Organic Agriculture Cooperative

Management by: Jhupa shahi

Date of seed bed prepared: 2073/12/14

Date of transplanted: 2074/02/25

B. Trial location: Kharpunath Rural Municipality-3 Raya thulo gaun

Responsibility: Dudhedaha Organic Agriculture Cooperative

Management by: Bancha Rokaya (custodian/seed producer farmer)

Date of seed bed prepared: 2073/12/17

Date of transplanted: 2074/03/05

Details of Khachche Cross-Khachche Cross Lali (KCL), Khachche Cross Raya (KCR)

Table No 2.1

SN	Types (like)	Plot no	Seed gram	Transplanted area Meter Sq	Production gram	Remarks
KCL	Lali-5					
1	Similar to Lamsero	5	50	0.9	50	Year 4 in Lali
2	Similar to Chhomrong	3	100	10.89	595	
3	Similar to Khetalo	2	200	14.04	2150	
4	Similar to Jaudhan	4	200	14.04	2250	
5	Late maturing	1	150	10.41	2985	
Total			700	50.28	8030	
KCR	Raya-3					
1	Similar to Lamsero	5	50	1.3	530	Year 2 in Raya
2	Similar to Chhomrong	3	100	3.43	480	
3	Similar to Khetalo	2	60	6.62	3570	
4	Similar to Jaudhan	4	340	3.38	2950	
5	Late maturing	1	150	8.32	2115	
Total			700	23.05	9645	
Total of two location (KCL+KCR)						
1	Similar to Lamsero	5	100	2.2	580	
2	Similar to Chhomrong	3	200	14.32	1075	
3	Similar to Khetalo	2	260	20.66	5720	
4	Similar to Jaudhan	4	540	17.42	5200	
5	Late maturing	1	300	18.73	5100	
Total			1400	73.33	17675	

Details of Churena Cross -Churena Cross Lali (CCL), Churena Cross Raya (CCR)

Table No 2.2

SN	Types (like)	Plot no	Seed gram	Transplanted area Meter Sq	Production gram	Remarks
CCL	Lali-5					
1	Similar to Lamsero	9	30	0.36	30	Year 4 in Lali
2	Simiklar to Khetalo	6	50	1	125	
3	Similar to Jaudhan	7	80	1.17	125	
4	Similar to khachche	8	45	0.9	155	
5	Similar to Churena	10	160	10.89	185	
		Total	365	14.32	620	0
CCR	Raya-3					
1	Similar to Lamsero	9	30	3.75	470	Year 2 in Raya
2	Simiklar to Khetalo	6	50	10.8	560	
3	Similar to Jaudhan	7	80	1.7	1130	
4	Similar to khachche	8	45	0.25	50	
5	Similar to Churena	10	160	13.74	50	
		Total	365	30.24	2260	
Total of 2 location Churena cross- CCL+CCR						
1	Similar to Lamsero	9	60	4.11	500	
2	Simiklar to Khetalo	6	100	11.8	685	
3	Similar to Jaudhan	7	160	2.87	1255	
4	Similar to khachche	8	205	1.15	205	
5	Similar to Churena	10	205	24.63	235	
		Total of 2 location	730	44.56	2880	

NARC provided varieties- NARC provided varieties Lali (NPVL), NARC provided varieties Raya (NPVR)

Table No 2.3

SN	Types (like)	Plot no	Seed gram	Transplanted area Meter Sq	Production gram	Remarks
NPVL	Lali				kg	
1	Lekali-1	3	160	9.21	4.65	
2	Chandanath-3	2	160	9.38	5.7	
3	Lekali-3	1	160	8.096	3.48	
		Total	480	26.686	13.83	
NPVR	Raya					
1	Lekali-1	3	160	0		Seedling damaged by landslide
2	Chandanath-3	2	160	0		
3	Lekali-3	1	160	0		
		Total	480			
Total of NARC provided varieties						
1	Lekali-1	3	320	9.21	4.65	
2	Chandanath-3	2	320	9.38	5.7	
3	Lekali-3	1	320	8.096	3.48	
		Total of 2 location	960	26.686	13.83	

Summary of PPB trial rice

Table No 2.4

Year	Cross bred name	Seed gram	Production gram	Trial location
2014 - Year 1	Khache cross	40 F2	260	Lali, Unapani
	Churen cross	15 F2	80	Lali, Unapani, damaged in unapani
2015- Year 2	Khache cross	260	2000	As above same location
	Churen cross	80	200	As above same location
2016- Year 3	Khache cross	2000	9311	Raya, Lali, produced 6 types
	Churen cross	200	3070	Raya, Lali, produced 6 types
2017- Year 4	Khache cross	1400	17675	2 location, 5 types
	Churen cross	730	2880	2 location, 5 types
	Khache cross	7000	33000	Distributed to 2 farmers of Lali for IRD purpose

Code: 3. Promote seed exchanges among custodian farmers

Code: 3.1. Organize participatory meeting with custodian/seed producer farmers

Meeting date: July 20, 2017 Time duration 1 day each, Number of meeting 1,

Meeting location: Lali-5

Name of Rural Municipality: Kharpunath, Sarkegad Ward palika name/number: Lali/1, Raya/3, Kharpunth/5, Ripa/2

Participant's details by coop and cast group

Table No: 3.1

Coop name	Ex-ward/villages	Dalit			Janajati			BCT			Grand total		
		M	F	Total	M	F	Total	M	F	Total	M	F	Total
Yuva OAC,	Lali-1, 2, 3, 4 chisamul, Gopka	0	1	1	1	0	1	0	2	2	1	3	4
Laligurans OAC,	Lali-5, 6	0	0	0	1	0	0	2	1	3	3	1	4
Dudhedhaha OAC,	Raya-1, 2, 3, 4	0	1	1	0	1	1	0	2	2	0	4	4
Laligurans OAC,	Sarkideu-1, 2, 3, 9, Ripa	0		0			0	0	6	6	0	6	6
Tatopani OAC,	Sarkideu -4, 5, 5, 6, 7, 8, Unapani	0	0	0	0	0	0	1	2	3	1	2	3
Pragatisil OAC,	Kharpunath-7, Durpa	0	0	0	0	2	2	0	0	0	0	2	2
Paropakar OAC,	kharpunath-5, 8, Kharpelgaung, Yangchu	0	0	0	0	0	0	1	1	2	1	1	2
Total		0	2	2	2	3	4	4	14	18	6	19	25

Participant's details by coop and age group

Table No: 3.2

Coop name	Ex-ward/villages	Participants									Involved in previous year training/meeting
		Adults			Youth			Grant total			
		F	M	Total	F	M	Total	F	M	Total	
Yuva OAC,	Lali-1, 2, 3, 4 chisamul, Gopka	2	1	3	1	0	1	3	1	4	1
Laligurans OAC,	Lali-5, 6			0	1	3	4	1	3	4	2
Dudhedhaha OAC,	Raya-1, 2, 3, 4	4	0	4	0	0	0	4	0	4	4
Laligurans OAC,	Sarkideu-1, 2, 3, 9, Ripa	1	0	1	5	0	5	6	0	6	4
Tatopani OAC,	Sarkideu -4, 5, 5, 6, 7, 8, Unapani	1	1	2	1	0	1	2	1	3	2
Pragatisil OAC,	Kharpunath-7, Durpa	1	0	1	1	0	1	2	0	2	1
Paropakar OAC,	kharpunath-5, 8, Kharpelgaung	1	1	2	0	0	0	1	1	2	2
Total		10	3	13	9	3	8	19	6	25	16

Code: 4. Cooperative strengthening

Code: 4.1. Follow up meetings with cooperatives to support for planning and review of on-going activities

Follow up meeting date: July 25, 26, 27, 29, 31, Time period for meeting: 1 day for each location

Location: Durpa, Lali, Gopka, Raya and Ripa

Name of Rural Municipality: Kharpunath and Sarkegad, **Ward palika** name/number: Lali/1, Raya/3, Kharpunath/5, Ripa/2.

Name of ex VDCs/included wards: Kharpunath/7, Lali/1-4, 5 & 6, Raya/2, 3, 4 and Sarkide/1, 2,3, 9

Household details in coop by sex and Rural Municipality ward palika and Ex-VDCs

Table No 4.1

Name of cooperative	Rural municipality, wardpalika, Ex VDC	Established year BS	Total HHs in Cooperatives		
			Total HHs	Male	Female
Pragatisil OAC	Kharpunath-1, Lali, Lali	2066	40	17	23
Dudedaha OAC	Kharpunath-3, Raya	2066	202	105	97
Laligurans OAC	Kharpunath-5, Khapunath, Durpa	2070	68	25	43
Yuba OAC	Kharpunath-1, Lali Gopka	2068	54	27	27
Laligurans OAC	Sarkegad-2, Ripa	2068	36	21	15
Total			400	195	205
%				48.75	51.25

Member's details in coop by sex and age groups

Table No 4.2

Name of cooperative	Cooperatives Members by age groups						Total members		Total
	Adult			Young			Male	Female	
	Male	Female	Total	Male	Female	Total			
Pragatisil OAC	7	7	14	10	16	26	17	23	40
Dudedaha OAC	43	20	63	84	88	172	127	108	235
Laligurans OAC	6	8	14	23	40	63	29	48	77
Yuba OAC	8	9	17	19	18	37	27	27	54
Laligurans OAC	12	5	17	17	10	27	29	15	44
Total	76	49	125	153	172	325	229	221	450
%	61	32	28	47	75	72	51	49	100

Cooperatives members by cast groups

Table No 4.3

Name of cooperative	Dalit			Ethnic			BCT-Bhahun, Chhetri, Thakuri		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Pragatisil OAC	0	0	0	17	23	40	0	0	0
Dudedaha OAC	23	15	38	72	71	143	32	22	54
Laligurans OAC	3	6	9	0	0	0	26	42	68
Yuba OAC	7	2	9	7	5	12	13	20	33
Laligurans OAC	1	5	6	0	0	0	28	10	38
Total	34	28	62	96	99	195	99	94	193
%	55	29	14	49	51	43	51	49	43

member and loan taker details by Cooperative

Table No 4.4

Name of cooperative	Board member			Post of women	Loan taker		
	Male	Female	Total		Male	Female	Total
Pragatisil OAC	3	4	7	Treasure, member	5	0	5
Dudedaha OAC	5	4	9	Treasure, member	8	6	14
Laligurans OAC	3	8	11	Treasure, member	12	2	14
Yuba OAC	7	2	9	Treasure, member	3	0	3
Laligurans OAC	7	2	9	Treasure, member	8	6	14
Total in number	25	20	45	Treasure, member	36	14	50
Total in %	56	44	100		72	28	100

Participants involved in meeting by coop and cast group

Table No-4.5

Details-Coop & Address			Dalit			Janajati			BCT			Grand total		
Name of coop	Gaunpalika/ward palika, ward no	Meeting date	F	M	Total	F	M	Total	F	M	Total	F	M	Total
Yuva OAC	Kharpunath-1, Lali Gopka	July-25	3	3	6	2	5	7	8	10	18	13	18	31
Laligurans OAC	Kharpunath-1, Lali, Lali	July-27	1	1	2	0	0	0	17	13	30	18	14	32
Dudhedhaha OAC	Kharpunath-3, Raya	July-28	2	6	8	6	12	18	3	15	18	11	33	44
Laligurans OAC	Sarkegad-2, Ripa	July-29	4	1	5	0	0	0	7	14	21	11	15	26
Pragatisil OAC	Kharpunath-5, Khapunath, Durpa	July-30	0	0	0	15	10	25	0	0	0	15	10	25
Total			10	11	21	23	27	50	35	52	87	68	90	158

Participants involved in meeting by coop and age group

Table No-4.6

Coop/Rural municipality/ex VDC/Ward palika/included villages/ex ward no		Participants								
Name of coop	Gaunpalika/ward palika, ward no	Adults			Youth			Grant total		
		F	M	Total	F	M	Total	F	M	Total
Yuva OAC	Kharpunath-1, Lali Gopka	5	8	13	8	10	18	13	18	31
Laligurans OAC	Kharpunath-1, Lali, Lali	1	1	2	17	13	30	18	14	32
Dudhedhaha OAC	Kharpunath-3, Raya	3	18	21	8	15	23	11	33	44
Laligurans OAC	Sarkegad-2, Ripa	4	5	9	7	10	17	11	15	26
Pragatisil OAC	Kharpunath-5, Durpa	8	7	15	7	3	10	15	10	25
Total		21	39	60	47	51	98	68	90	158

Income details by Cooperative

Table No-4.7

Name of coop	Member Saving	Share amount	Interest of Loan	Entrance fee	Reserved fund	Donation (SHIP Nepal, DADO, DDC)	Seed cost (SHIP)	Other income	Total income
Pragatisil OAC, Durpa	224000	20000	60086	0	18833	80000	21250	159120	583289
Laligurans OAC, Lali	546264	157500	50958	9950	19045	60625	40625	7855	892822
Yuva OAC	618300	247000	56170	100	107300	20000	16625	2000	1067495
Dudhedhaha OAC, Raya	168,550	54,000	21,600	0	15,233	1169375	54625	0	1483383
Laligurans OAC, Ripa	221271	43000	37250	2150	10000	150000	18750	200	482621
Total	1778385	521500	226064	12200	170411	1480000	151875	169175	4509610

Expenditure details by Cooperative

Table No-4.8

Name of coop/address	Loan taken	Interest paid	Organization management	Seed cost paid to coop members	*Other expenses	Coop building construction	Bank balance	Total expenses
Pragatisil OAC, Durpa	116000	22800	92775	21250	39686	0	111980	404491
Laligurans OAC, Lali	753628	11327	21628	40625	12000	0	57524	896732
Yuva OAC, Gopka	516400	35945	65850	16625	0	0	435393	1070213
Dudhedhaha OAC, Raya	120,000	11,795	37,200	54625	32591	1306504	90388	1653103
Laligurans OAC, Ripa	418,625	33,194	5,000	18750	0	0	9502	485071
Total	1924653	115061	222453	151875	84277	1306504	704787	4509610

Other expenses: Share and staff bonus, auditing, general assemble meeting cost

Objective of loan disbursement: Seed production, vegetable production, small business, education fee, stationary and purchasing household's goods.

Code: 5. Coordination, monitoring and documentation

Code: 5.1. Monitoring visit and traveling seminar

Meeting/monitoring date: October 11 & 12 Time duration 1 day each, Number of meeting 2,

Meeting/motoring location: Lali & Raya

Name of Rural Municipality: Kharpunath Ward palika name: Raya, ward palika number 3,

Lali, ward palika number: 1

Name of ex VDC: Raya & Lali

Number of ex ward palika included: 2, 3 of Raya & 1, 2, 3, 4, 5, 6 of Lali

Name of village included: Upper/lower Lali, Gopka, chisumul

Seed production and PPB rice trial site meeting/monitoring by ward palika, coop representatives and custodian farmers

Table No 5.1

Details	Lali	Raya	Total
Female	5	8	13
Male	7	5	12
Total	12	13	25
Dalit	1	1	2
Female	1	1	2
Male	0	0	0
Janajati	0		0
Female	0	4	4
Male	0	0	0
BCT	12	8	20
Female	5	3	8
Male	7	5	12
AF	2	6	8
AM	2	4	6
YF	3	2	5
YM	5	1	6
Ward palika chair and member	2	2	4
Cooperatives chairs, secretary, treasure and member-seed producer custodian farmers	10	11	21

Code: 5.2. Program Phase out meeting participants by cooperatives

Program phase out meeting date: 30 March & 2 April Time duration 1 day each, Number of meeting 2,
Meeting location: Ripa and Durpa

Name of Rural Municipality: Kharpunath & Sardkegad Ward palika name/No: Kharpunath-5/Ripa-2,

Name of ex VDC: Kharpunath & Sarkideu

Number of ex ward palika included: 7 of Kharpunath & 1, 2, 3 & 9 of Sarkideu

Name of village included: Durpa of Kharpunath and Ripa of Sarkideu

Table No 5.2

Details	Pragatisil OAC- Kharpunath-7, Durpa	Laligurans OAC- Saekideu-1, Ripa	Total
Female	14	6	20
Male	13	17	30
Total	27	23	50
Dalit	0	5	5
Female	0	2	2
Male	0	3	3
Janajati	27	0	27
Female	14	0	14
Male	13	0	13
BCT	0	18	26
Female	0	4	4
Male	0	14	14
AF	4	2	6
AM	4	7	11
YF	10	4	14
YM	9	10	19
Ward palika chair and member	1	3	4
Cooperatives chairs, secretary, treasure and member-seed producer custodian farmers	26	20	46

Code	Activity	Participants						Communities where implemented	% completed	Comments on implementation	Remarks
		Adults		Total	Youth		Total				
		F	M		F	M					
2.1	Support cooperative and custodian farmers to advance and select PPB bred rice lines	37	49	86	43	48	91	at Lali and Raya	100	Harvesting is completed and drying and data collection is done	During 4 years period, from 40 gram of Khachche cross F ₂ and 15 grams of Churena cross F ₂ seed advanced 17675 grams of Khachche cross and 2880 grams of Churena cross with 5 types of each varieties. Similarly, 33 kg selected seed of Khachche cross is produced and distributed to 7 farmers of Rodikot VDC (In LREP project area) for seed multiplication in year 2018. Rodikot site is selected for trial in year 2018 from the seed received from Lali cooperative and one seed bed is prepared in the same location of Raya for trial and trait selection in year 2018.
3	Promote seed exchanges among custodian farmers										
3.1	Organize participatory meeting with custodian/seed producer farmers	11	3	14	8	3	11	At Lali from all four program VDCs custodian, seed producer farmers	100	During meeting proper seed selection, processing, seed exchange with in community are the suggestion provided	It is found average diversity increased by the participants 11.72 with minimum 4 and maximum 25 numbers of cereal, vegetable and fruit. From these custodians, seed producer farmers involved in meeting, they annually exchanged seed to 351 household in an average 11.72 with minimum 5 household and maximum 40 household. Similarly, they have plan to produce and exchange more than 1840 kg seed of cereal and vegetable in coming year. This is in an average by 72.40 kg with minimum 20 kg and maximum 180 kg.
4	Cooperative Strengthening										
4.1	Follow up meetings with cooperatives to support for planning and review of on-	21	39	60	47	51	98	At Ripa, Gopka, Lali, Raya and Durpa	100	One day two times follow up in 5 coop pragatisil OAC, Durpa, Yuba OAC Gopka, Laliguran OAC	Laligurans OAC Ripa represent Sarkegad-2, Ripa, other remaining 3 coops represent in Kharpunath Rural Municipality, Yuba and Laligurans in Lali kharpunath-1, Dudhedaha

Code	Activity	Participants						Communities where implemented	% completed	Comments on implementation	Remarks
		Adults		Total	Youth		Total				
		F	M		F	M					
	going activities									Lali, Dudhedhaha OAC, Raya, Laligurans OAC, Sarkideu, Ripa	OAC in Raya, Kharpunath-3 and Pragatisil OAC, Kharpunath-5, Kharpunath
4.2.	Support for strengthening linkages and coordination with newly elected government agencies for leveraging resources									Jointly meeting conducted with cooperative and Wardpalika during program phase out for sustain the cooperative activities in future	No budget settled for this activity in annual plan
5	Coordination, Monitoring and documentation										
5.1.	Monitoring visit and traveling seminar	8	6	14	5	6	11	At Lali & Raya	100	<p>1 day two program monitoring meeting conducted in presence of Wardpalika, coop and leaders farmers, One field staff regularly follow up in the site of PPB advance trial, seed production of cereal, coop coordinator 3 times and program manager 1 time</p>	<p>This was conducted for sharing and observes on PPB advance rice trial and cereal seed production site for continuing the quality seed production and marketing in coordination with cooperative and wardpalika after SHIP Nepal program handover in future.</p> <p>Local Pawai wheat registration document finalized and submitted in Botanical wheat division and edited then submitted in SQCC-Seed Quality Control Center, Hariharbhavan, Phulchok and Technical committee meeting held in 2018 February 27. Soil test, grain nutrient analysis, farmer's video clips/photographs and DADO comments prepared and updated in first proposal and submitted in SQCC after technical committee meeting comments for second varietal registration sub-committee meeting presentation. Varietal Registration Sub-Committee meeting presentation is done in 11 April 2018. This meeting comments to submit comparison nutrient analysis data and additional research in coordination with</p>

Code	Activity	Participants						Communities where implemented	% completed	Comments on implementation	Remarks
		Adults		Total	Youth		Total				
		F	M		F	M					
										NARC-Jumla for final land race registration. The meeting committed this land race will be register after additional research in coordination with NARC-Jumla. The Wheat registration application document also submitted in National Agriculture Resource Center, Gene bank, Khumaltar, Lalitpur and received NGRC No 07898.	
5.2.	Program handover to Gaunpalika and cooperative in Durpa and Sarkideu	6	11	17	14	19	33	Ripa and Durpa	100	50 participants including 20(40%) female involved in the program phase out meeting at Durpa and Ripa. In future Cooperatives and Wardpalika committed to implement the related activities jointly.	Since the year 2018, SoS project is phase-out, SHIP Nepal phase-out is done in Kharpunath and Sarkideu program VDCs and continued in Lali and Raya VDCs through LREP projects. One day program phase out meeting organized in presence of cooperative and wardpalika chair, members.
5.3	Documentation and sharing of success stories and learning								100%	Publication of these documents will be the property of SoS and SHIP Nepal for future programming.	Last year due publication documents regarding Humla Crop Booklet and Success Story editing completed and designing is being and publication will be with in July. One leaf let-folder of Pawai Wheat introduction also in designing and publication, this will be also published within July 2018
5.4	OJT student training	0	0	0	2	1	3	From Darma Technical School mobilized in Raya, Sarkideu, Lali	100	Training OJT students is continuing request from Technical School and priority of SoS program.	From Technical support budget 3 including 2 girls OJT student are trained-They are mobilized for 3 months in PPB advance trail and seed production data collection.

Legend for percentage references. Select one per activity

Delayed or cancelled	0%	Nearly completed	75%
Started recently	25%	Completed or surpassed	100%
Underway	50%	Adjusted	

4. Organizational development

Describe any key strategies and/or activities undertaken to increase the capacity of **your** organization to implement the new program. This pertains only to you as an organization, and not to the communities you are supporting. Please also highlight challenges encountered or to be addressed.

Board member has changed. There are no any staffs in board member. The community preference best practices scale out most important activities are taken in consideration to continue. In briefly, given description in following points are the important looks for SHIP Nepal organization development.

- **Recruitment of new staff**

In this year there is no any new staff admitted. SoS given technical (one staff salary) is used 35% for one staff and 65% salary is paid from LREP program budgets. Remaining budget of technical support staff salary budget is used for Pawai wheat registration proposal preparation, presentation in meeting travelling, transportation of Program Manager, software and hard ware repair and maintenance of computer, 3 OJT student food costs and under excess budget is used in other over excess head.

- **Capacity building/training of existing:** There is no any capacity building training provided from SoS budget. The technical staff working in SoS program involved in short course development training organized by LREP program.
- **Improvement of financial or administrative procedures:** To improve of financial and administrative procedure, continue follow up and improvement made in provided guideline and report from internal audit made from LIBIRD organization. Improvement being in financial and organizational policy.
- **Strengthening of your organizations' infrastructure, materials and equipment:** During this reporting year there is no any changed made in organization infrastructure, materials and equipment.
- **Organizational assessment:** LI-BIRD organization assessed SHIP Nepal organization and some improvement made during this reporting year. Changed in board, there is no any staff in board member. DDC, DADO and community people voice directly assess the SHIP Nepal organization.
- **New alliances and relationships with other organizations and institutions:** SHIP Nepal increasing new alliances and relationship with NARC, Seed Quality Control Center, submitted Pawai Wheat registration proposal, attended and presented two steps meeting for this with technical subcommittee and varietal registration subcommittee meeting. Major responsibility is taken by Program Manager and SHIP Nepal organization also participated in the meeting. Coordination made with newly elected local government body at local level for program follow up and monitoring mainly in seed production site and PPB cross bred trial site. 3 (2 female) students OJT trained in coordination with Technical School, Darma, Humla.

5. Monitoring and Evaluation activities

Monitoring and Evaluation activities described as given below.

Monitoring: SHIP Nepal has taken following steps and process to monitor the implemented activities and staffs

- **Field staffs/CBOs follow up and direct field observation:** Field staffs and coop executive committee regularly met with project beneficiaries. They did field observation and interview and provided feedback on implemented activities for further improvement. Field staffs and cooperatives executive member directly visited with support farmers for getting information for production record.
- **Field staffs regularly and program staff partially visited field for follow up CBOs activities.** One technical field staffs regularly follow up to each implemented activities and cooperative coordinator 3 times filed visited and follow up support activities and given feedback. They organized meeting with cooperative executive committees and did direct interview with

program beneficiaries and provided technical knowledge and questionnaire about getting information about production record.

- **Program staffs/CBOs/beneficiaries watch field staffs activities:** CBOs, beneficiaries, look at the field staff work regularly, program staff field visited and organized meeting with cooperative executive committees and custodian farmers who directly involved in seed multiplication and local crop improvement work and direct interview with program beneficiaries and provided feedback about implemented activities. During field visit, program staffs done observation about vegetable seed and cereal seed production plot and PPB cross bred rice trial site local crop conservation and promotion site. Field staff quarterly meeting organized for program planning and reporting at Simikot.
- **Program manager and board involve in meeting about program and field staffs activities:** Program manager field visited at one time during this reporting year and interact with program beneficiaries directly with cooperatives main body, custodian, seed producer, and hotel owners and given feedback and done field observation. Board organized whole project staffs meeting at Simikot and discussed about field visit and given feedback, advised about this.
- **Board and donor field/project area visit, call meeting, interact and provide feedback to CBOs:** Anga bahadur lama as board chair visited program area Simikot from KTM in one time, meeting with office staff, board and restructure of board member, conducted organizational general assemble and given advised about project progress and further improvement in implementation, follow up & monitoring of the implemented activities. LI-BIRD LREP team leader and internal auditor visited in November and progress review, internal audit and organizational assessment were done during the visit.

6. Outcomes

1. Please describe any **external factors that occurred between May 2017 and April 2018 that affected the food and farming systems of farmers in SoS program regions.** *We are particularly interested in whether there have significant climate events such as extreme weather, drought, or flooding. We would also be interested in any other social, economic, political or other types of pressures that have affected the farming communities you are working with.*

During this year too, most of the event of this question is like last year. Late and short rainfall/snow fall and the rainfall and snow fall level is very low in lower side at cultivated area more in upper hill side. Late monsoon encountered delayed in maize maturation and ripening. Late and little snowing and rainfall in winter, result of winter crop also seen poor-wheat, barley and naked barely depend on the rain fed cultivated land. Frequent rainfall and snowing occur in at middle of April in year 2018.

During this year state election had been in Nepal in November 26. Most of the local government office established after state election. There is no seen political pressure in SHIP Nepal project area. No such event occurs till this reporting period. SHIP Nepal mobilized local government ward palika chair, member of for monitoring at cereal seed production and PPB cross bred rice site observation and feedback. They are also involved in program phase out meeting at Durpa of Kharpunath and Ripa of Sarkideu VDCs. They are committed to provide fund to cooperative to continue and sustaining the related activities.

2. In general, **how did the young women farmers respond to the external factors** described in #1 above? Did you observe any **differences** in how **men, women, youth,** or other specific groups **responded?** *Here we are interested to farmers' responses in areas affected (including but not limited to program participants). Give specific examples (e.g., describe a situation you observed, quotes of what you heard people say, share data on the impact from other sources).*

In this question, most of the answer is like 2016/017 year. Young women farmers are very worry about external factor described in #1. They respond to get better seed and irrigation facility. During vegetable/seed production training at Lali cooperative sent most of the young farmers-students. They were realised and committed to produce the fresh vegetable and seed of vegetable for future purpose. People of SHIP Nepal program area very happy with SoS program. After USC Canada program implemented in the program area, they are saying they themselves are able to produce seed of vegetable like broad leaf mustard, tomato, new variety of brinjal, cucumber, chyato, tree tomato, bitter gourd, cress,

spinach, onion for next year use. In representation of Dudhedaha Organic Agriculture Cooperative chair youth of 38 year old Ram bdr Bohora able to receive fund from DDC for cooperative building construction and in his responsibility, cooperative building constructed at Raya. They are saying very happy for USC Canada support program.

3. **How did participants' ability to respond** to external factors described in #1 **compare** to farmers who have not participated in the program or compared to other similar situations you have witnessed? Did the **program contribute** to participants' ability to respond? How? *Give specific examples (e.g., describe a situation you observed, provide specific quotes of what you heard people say, share data on the impact from other sources).*

People are saying good production depend on the good irrigation facility. In Humla most of the winter crops depend on snowing and rain fall in upper belt of the program area. They still hope to get irrigation facility to this crop. Bancha Rokaya the custodian farmer of Raya are very happy for producing new variety of maize Mankamana-3 and she also involved in PPB cross bred trial. For next year seed multiplication she also takes responsibility to cultivate this rice.

4. Are there any **other factors (beyond the program)** that have either facilitated or limited participants' ability to respond to external factors described in #1? *Give specific examples (e.g., describe a situation you observed, provide specific quotes of what you heard people say, share data on the impact from other sources).*

There are no such factors beyond program event that have either facilitated or limited the participants' ability to respond to external factors described in #1.

5. Are there **strategies that the program needs to develop in the future to better support participants' ability to respond to external factors?** Is there specific support that USC can offer to help you do this?

Two cooperatives Pragatisil OAC of Durpa Kharpunath and Laligurans OAC of Ripa, Sarkideu are already phase out. To continue the existing cooperative activities newly elected ward palika chair of Ripa committed to support government fund to cooperative to continue and sustain. Cooperatives are also committed to involve in local government annual planning meeting and submit the proposal for leveraging the fund to mitigate the external factor.

Adoption of Practices and Policies

6. Between May 2017 and April 2018, have you observed any **actions which demonstrate that actors in your country are adopting practices or policies** that support farmers rights, agro-biodiversity, seed security or other principles promoted by the SoS program? *Please give specific examples describing the changes you have observed. Note that these changes do not need to be directly related to your program.*

Due to changing Nepal government political structure, there is no seen any action regarding adopting practices or policies that support farmers right, agro-biodiversity, seed security or other principle promoted by the SoS program. After local election and establishment of government office in local level since year 2018 this factor will be solved.

7. Between May 2017 and April 2018, have you observed any **actions which demonstrate that actors in your country are showing increased interest, awareness, or recognition of practices or policies** that support farmers rights, agro-biodiversity, seed security or other principles promoted by the SoS program? (i.e. signs that actors could be moving toward adoption?). *Please give specific examples describing the changes you have observed. Note that these changes do not need to be directly related to your program.*

Pawai wheat registration is out of plan program. SHIP Nepal submitted proposal to register this wheat in NARC national profile in botanical wheat division. They are happy to register local land race of high altitude wheat and supported in editing. This proposal is submitted in two center

namely National Agriculture Genetic Resource Center, Khumaltar, and received NGRC no 7698. Another one is in Seed Quality Control Center-SQCC for further process for variety registration. They respected and organized the technical subcommittee meeting and call for presentation. SHIP Nepal responsible person Program Manager prepared presentation and participated and presented the proposal. They made different comments and suggestion lacking in first proposal to organize Varietal Registration Subcommittee meeting. SHIP Nepal responsible person program manager prepared all lacking matter and submitted for VARRSC meeting. Prepared presentation and presented in this VARRSC meeting. This meeting committed this type of local land race need to register in national profile and made some comments and suggestion before registration. This meeting suggested need to further research in collaboration with NARC-Jumla and need to produce mass scale improve seed in future.

8. **Has the program contributed (directly or indirectly) to any of the changes described in #6 or #7 above?** If so, explain how the program contributed, as well as any other factors you think were important in influencing other actors. Are there **strategies** that the program needs to develop in the future to better support external stakeholders adopting policies or practices that represent the values and approaches used by this program? Is there specific support that USC can offer to help you do this?

The program has contributed (directly and indirectly) to changes described in #6 & 7 above. SHIP-Nepal directly give back force to cooperative to produce improve selected quality seed of local Pawai Wheat. Coordinate with NARC-Jumla provide seed of this local land race for further research to the NARC-Jumla in this running year 2018. Seed Quality Control Center committed to register this land race after further research in coordination with NARC-Jumla. SHIP Nepal also gives back force to those cooperatives which is already phase out to coordinate with local government for quality seed production and marketing.

7. Lessons learned and other comments

Our lessons learn summarized lessons learned as given below:

- ▶ Seed production and marketing in local level is important.
- ▶ Local and national level coordination and networking are usual important for program sustaining,
- ▶ Regular monitoring and site observation is need for quality seed production.
- ▶ Documentation and publication are also important which are will be the properties of the organization.

Useful information and observation regarding the program are as given below:

- ▶ Seed production and exchange through custodian farmers are useful information to other.
- ▶ Cooperatives are involved to follow up, seed collection and marketing in first time is useful information
- ▶ Dudhedaha organic agriculture cooperative receive the cooperative building construction fund and constructed coop building from DDC fund.
- ▶ Multiplication of F2 cross bred rice from gram to kilogram is useful information.
- ▶ Local land race Pawai Wheat name is heard by high level person of agriculture department
- ▶

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