

KINGDOM OF CAMBODIA
NATION RELIGION KING



MINISTRY OF AGRICULTURE, FORESTRY AND FISHERIES
(MAFF)

Beneficiary Profile Report
Kan Cheung village, Poy commune,
O Chum district, Ratanakiri province

**LAND ALLOCATION FOR SOCIAL AND ECONOMIC
DEVELOPMENT PROJECT III (LASED III)**

PROJECT IP: P171331

November, 2022

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I. Introduction

1. LASED III is being implemented based on the experience of LASED I and LASED II projects. This project aims to provide access to land tenure security, agricultural and social services, and selected infrastructure to small farmers and communities in the project areas. Two ministries of Royal Cambodian Government, Ministries, Ministry of Land Management Urban Planning and Construction (MLMUPC) and Ministry of Agriculture Forestry and Fisheries (MAFF) have been assigned as the Executive and Implementing Agencies of the project.
2. Within their framework, the project would support: (i) about 15 ICs to carry out their respective ICLT processes; (ii) about 30 ICs, that have completed their titling processes, with development activities; (iii) about 12 SLC new sites in both currently covered and new provinces for land allocation and development activities; and (iv) the current 14 SLC sites currently covered by LASED II with limited, discrete and complementary activities such as small-scale irrigation and agriculture access tracks across SLC sites. However, it is not likely that all the estimated 57 new sites and communities would be identified and fully delineated, and all potentially required reclassification and/or reallocation completed before the start of the project.
3. LASED III/ MAFF project conduct the beneficiary assessment in every IC of 33 ICs of the project, in order to collect their basic or baseline information on crop and animal production, whether, soil fertility, status of economic income generation of household, relation of community and provide sector, agriculture farming contract which are quite useful for the community development as well as to protect the Environmental and Social risk of communities. Base on the baseline information, the project, especially MAFF team under the collaboration with other concerned could design significantly a road map of agricultural development of these ICs. It also enables to contribute good information in Commune Investment Plan of the commune (CIP) and District integration Work Shop to develop the communities, as through beneficiary profile the project or other concerned parties could aware the strength and weakness and what or from where it should be started to develop the communities successfully.

II. Methodology of Beneficiary Profile

4. Performance of beneficiary profile comes through three interlinked phases: 1) Meeting among the concerned project to discuss on the objective of profile; 2) Development of an assessment framework and corresponding data/information collection tools; 3) Field work at the 12 specific IC villages; and 4) Analysis of data collected and report writing and consultation with stakeholders at the national level to validate the findings and recommendations of the assessment report is also compiled.
5. The field work was conducted in Kress village from 25 to 29 July 2022. By that time, the team was able to make interviewed as well as to discuss with 125 HHs (F60) and the team enabled to record some information for compiling a beneficiary profile included some specific result and discussion as detailed below.
6. By the ways, during the interview with the households, the project team took two different ways of interviews, 1) individual and 2) group interviews, in order to make every interviewee to be isolated without disturbing from another people or to ensure they are free at talking.

III. Result and Discussion

3.1 General

7. Kancheung is a village locates in Poy commune, O Chum district, Ratanakiri province, standing at North-East side and about 32 Km from Ratanakiri town. The majority of citizen of this village are Kreng Indigenous people (IP). The field work was conducted in Kress village from 22 to 29 July 2022, and during this field, the project staffs (interviewer) had chance to host meaningful discussion with 125 IPs (F60) in order to collect or gathering some main data or information for compilation of its beneficiary profile. This villages exists 1,410.06 ha, the majority of IPs of this village have grown some types of crops such as cashew, cassava and rice crops as well as raising ruminant, pig and chicken.

3.2 Crop Productions

3.2.1 Cashew production

8. According to the interview in Kress village, the project team recorded 119 HHs (F48), out of 125 HHs, growing cashew in 271.50 ha of land, which offers 2,040 kg of average yield per ha. This yield is almost two times lower than average national calculated yield is 1,174 Kg per ha (GDA 2022). However, the cashew planters of this village could sell a kilogram of cashew seed in 2,821 Riel. Please see the list of households who grow cashew in Table 1 below.

Table1: List of HHs who grow cashew:

No	Name	Sex	Age	Minority	Village	Commune	District	Province	Size of Land (ha)	Yield (T/ha)	Prices (Riel/Kg)
1	Keav Kophic	F	20	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.50	2.00	3,000.00
2	H Yang Na Deav	F	33	Kreng	Kancheung	Poy	O Chum	Ratanakiri	4.00	4.00	3,000.00
3	Pa Ngaing Yorn	F	35	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	-	
4	Tra Hen Gnon	F	31	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	1.00	3,000.00
5	Ram Baing Naing Deav	F	22	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	1.50	3,000.00
6	Yeut Kerk	F	20	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.50	-	-
7	Lay Kan Sram	F	42	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	2,000.00
8	Youn Lay	M	60	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	1.50	2,000.00
9	Srun Meng Sron	M	23	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.50	1.00	2,500.00
10	Yan Voy	M	45	Kreng	Kancheung	Poy	O Chum	Ratanakiri	5.00	1.50	4,000.00
11	Tra Pes Ka Doi	M	31	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.50	1.00	3,000.00
12	Youn Phoy	M	65	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	2.00	2,000.00

No	Name	Sex	Age	Minority	Village	Commune	District	Province	Size of Land (ha)	Yield (T/ha)	Prices (Riel/Kg)
13	Youn Ching	M	70	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	3,000.00
14	Yaen Van Cheng	F	52	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	1.00	3,000.00
15	Tin Map	M	26	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	2.00	2,500.00
16	Kroay Kann Dam	M	33	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	1.50	2,000.00
17	Pel Sam Poang	M	69	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	1.50	2,500.00
18	Veay Tom	M	51	Kreng	Kancheung	Poy	O Chum	Ratanakiri	3.00	2.00	3,000.00
19	Sam Pang Press Tang	M	60	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	2.00	2,500.00
20	May Soeun	F	32	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	2.00	2,500.00
21	Na Pil	M	22	Kreng	Kancheung	Poy	O Chum	Ratanakiri	3.00	2.50	2,000.00
22	Yam Bun Reay	M	40	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	2.00	3,000.00
23	Ta Bin	M	60	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	2.00	2,500.00
24	Gnak Samang	M	22	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.50	2.00	3,000.00
25	Dang Gnak	M	48	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	3.00	2,500.00
26	Pin Roeung	M	29	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	2.00	3,000.00
27	Buntea Phala	M	23	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	3.00	3,000.00
28	Ta Ngal Cheat	M	32	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	2.00	3,000.00
29	Roey On Trang	F	69	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.50	3.00	2,500.00
30	Prom Savuth	M	61	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.50	2.00	3,000.00
31	Chanvin Pro Aom	M	51	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	3,000.00
32	Kreal Kreagn	M	77	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	2.00	3,000.00
33	Kann Teng Ngiv	M	22	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	3,000.00
34	Yam Chan	M	46	Kreng	Kancheung	Poy	O Chum	Ratanakiri	3.00	5.00	3,000.00
35	Ngan Chi Mign	M	25	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	1.00	3,000.00
36	Meach Phal	M	21	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	3,000.00
37	Trayak Hot	M	37	Kreng	Kancheung	Poy	O Chum	Ratanakiri	3.00	4.00	3,000.00
38	Kreav Haem	M	42	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.50	1.00	3,000.00
39	Cha Lay Kan Tang	M	53	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	3,000.00
40	Pel Soeun	M	20	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	3.00	3,000.00

No	Name	Sex	Age	Minority	Village	Commune	District	Province	Size of Land (ha)	Yield (T/ha)	Prices (Riel/Kg)
41	Kraoy Cha Ang	M	31	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.50	2.00	3,000.00
42	Lay Ka Lam	F	24	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.50	2.00	2,500.00
43	Chrot Pa Tou	M	51	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	3,000.00
44	Kiv Chim	M	40	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	3.00	3,000.00
45	Slaey Piv	M	24	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	2.00	3,000.00
46	Ngeuch La Ngeang	M	39	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.50	2.00	3,000.00
47	Ta Ngach Dan	F	69	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	3,000.00
48	Cheng Rout Vit	F	66	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	2,500.00
49	Loeng Ngy	M	24	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.50	3.00	3,000.00
50	Cheng Rout Moeung	M	60	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	4.00	3,000.00
51	La Pe Meas	F	40	Kreng	Kancheung	Poy	O Chum	Ratanakiri	3.00	5.00	3,000.00
52	liv Pean	M	68	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	4.00	3,000.00
53	Ka Tam Khan	M	24	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	3.00	3,000.00
54	Tras Thoy	M	40	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	3.00	3,000.00
55	Choy Moeun	M	25	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	2.00	3,000.00
56	Ngom Chan Doeun	M	31	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	3.00	3,000.00
57	Kro Yong Sa Neth	F	40	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.50	4.00	3,000.00
58	Tak Choy	M	46	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.50	3.00	3,000.00
59	Tapel Num Baing	M	33	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	3.00	3,000.00
60	Char Choeun	M	31	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.50	3.00	3,000.00
61	Yap Poy	M	48	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.50	3.00	3,000.00
62	Poy Cha Rout	M	22	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	3,000.00
63	Ka Chang Rorm Pech	F	67	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	1.00	3,000.00
64	វីរ័ កា ឡា ឡា ឡា	M	40	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	3,000.00
65	Prang Cha Choch	F	52	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	1.00	3,000.00
66	Kdan Noy	F	32	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	1.00	3,000.00
67	Lav Ka Tang Luy	M	28	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	1.00	3,000.00
68	Keng Chram	M	61	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.50	3.00	2,500.00

No	Name	Sex	Age	Minority	Village	Commune	District	Province	Size of Land (ha)	Yield (T/ha)	Prices (Riel/Kg)
69	Kan Taing Lach	M	34	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	2.00	3,000.00
70	Ba Kham Boeun	M	33	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	2.00	3,000.00
71	Moeng Bat	M	45	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	3.00	2,500.00
72	Kak Phan Tal	M	22	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	2,500.00
73	Veng Bun Leap	M	51	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	2.00	2,500.00
74	Van Chhaeng Lam Bak	M	43	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	2.00	2,500.00
75	San Mean Tav	M	27	Kreng	Kancheung	Poy	O Chum	Ratanakiri	3.00	2.00	4,000.00
76	Ka Mek Moeun	F	40	Kreng	Kancheung	Poy	O Chum	Ratanakiri	6.00	6.00	5,000.00
77	Youn Loy	F	55	Kreng	Kancheung	Poy	O Chum	Ratanakiri	4.00	3.50	4,500.00
78	Pang Ban Prong	F	33	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.50	1.00	4,500.00
79	Pen Saroeun	F	22	Kreng	Kancheung	Poy	O Chum	Ratanakiri	6.00	3.30	3,000.00
80	Trayak Hok	M	36	Kreng	Kancheung	Poy	O Chum	Ratanakiri	4.00	1.00	3,000.00
81	Veay Moy	F	50	Kreng	Kancheung	Poy	O Chum	Ratanakiri	3.00	1.00	3,000.00
82	May Tith	F	33	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	0.80	3,000.00
83	Srei Daem Ne Sa	F	29	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.50	1.20	4,500.00
84	Pich Gnoy	F	39	Kreng	Kancheung	Poy	O Chum	Ratanakiri	7.00	4.00	3,500.00
85	Meung Chorn	F	29	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	3,500.00
86	Chram Zong	F	27	Kreng	Kancheung	Poy	O Chum	Ratanakiri	5.00	8.00	3,500.00
87	Cha Vay Cha Vach	F	60	Kreng	Kancheung	Poy	O Chum	Ratanakiri	3.00	2.50	3,000.00
88	Chung Lyna	F	18	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	-	-
89	Nay Ken	F	35	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	3,000.00
90	Rave Cho Vy	F	31	Kreng	Kancheung	Poy	O Chum	Ratanakiri	4.00	3.00	5,000.00
91	Veun Veang	F	38	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	0.50	3,000.00
92	Kam Pot Ka Leang	F	30	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	1.50	4,100.00
93	Gnet Cha Kay	F	75	Kreng	Kancheung	Poy	O Chum	Ratanakiri	3.00	2.00	3,000.00
94	Cha Loe Hun	F	44	Kreng	Kancheung	Poy	O Chum	Ratanakiri	3.00	4.00	3,000.00
95	Thoy Yen	M	39	Kreng	Kancheung	Poy	O Chum	Ratanakiri	4.00	6.00	3,100.00
96	Sar Mean TaRa	M	27	Kreng	Kancheung	Poy	O Chum	Ratanakiri	3.00	2.00	4,000.00

No	Name	Sex	Age	Minority	Village	Commune	District	Province	Size of Land (ha)	Yield (T/ha)	Prices (Riel/Kg)
97	Yan Nang Kheav	M	38	Kreng	Kancheung	Poy	O Chum	Ratanakiri	6.00	5.60	3,500.00
98	Tra Pel Van Thoy	F	25	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	0.50	3,000.00
99	Loy Ka Vorn	F	35	Kreng	Kancheung	Poy	O Chum	Ratanakiri	7.00	7.00	4,500.00
100	Ka Kav Nang Noy	F	56	Kreng	Kancheung	Poy	O Chum	Ratanakiri	3.00	-	-
101	Loung Nget	M	23	Kreng	Kancheung	Poy	O Chum	Ratanakiri	3.00	-	-
102	Ving Tak Cha Mos	F	40	Kreng	Kancheung	Poy	O Chum	Ratanakiri	3.00	1.80	3,000.00
103	Pech Kosal	M	36	Kreng	Kancheung	Poy	O Chum	Ratanakiri	4.50	1.50	3,000.00
104	Lea Kagna	F	27	Kreng	Kancheung	Poy	O Chum	Ratanakiri	4.00	0.50	3,000.00
105	Chri Srei Mim	F	21	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	-	-
106	Hugn Ka Peb	F	19	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	3.00	4,000.00
107	Ka Teuk Naing Hing	F	30	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	1.00	3,000.00
108	Sa Vean	F	27	Kreng	Kancheung	Poy	O Chum	Ratanakiri	3.00	-	3,500.00
109	Yam Gnoy	M	56	Kreng	Kancheung	Poy	O Chum	Ratanakiri	10.00	-	3,500.00
110	Na Lak	F	32	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.50	3,100.00
111	Pa Tok Ka Tam	M	46	Kreng	Kancheung	Poy	O Chum	Ratanakiri	4.00	5.00	3,000.00
112	Pa Lo Kam Ban	M	43	Kreng	Kancheung	Poy	O Chum	Ratanakiri	3.00	1.50	4,000.00
113	Pa Tou Nang Zang	F	27	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	0.50	4,000.00
114	Leas Peal	M	31	Kreng	Kancheung	Poy	O Chum	Ratanakiri	3.00	4.00	4,000.00
115	Vann Thean	M	32	Kreng	Kancheung	Poy	O Chum	Ratanakiri	3.00	1.50	3,500.00
116	«Um Chann Doeun	M	32	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	0.80	3,500.00
117	San Dann	F	35	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	-	3,000.00
118	Phal Pek	M	40	Kreng	Kancheung	Poy	O Chum	Ratanakiri	4.00	-	3,000.00
119	Kalay Ka Choun	M	40	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	0.10	4,000.00

3.2.2 Cassava production

9. On the other hand, there are 100 HHs (F35) out of 125 HHs of this village growing cassava on 35,90 ha of land, which offers 2.26 tones as the average yield per ha of land. This amount of cassava average yield of this village is extremely lower than average national calculated yield is 20,350 kg per ha (GDA 2022). However, the price of fresh cassava of this village is changeable from 400 to 700 riel per kilogram of cassava (Table2).

Table 2 Numbers of HHs who grow cassava

No	Name	Sex	Age	Minority	Village	Commune	District	Province	Size of Land (ha)	Yield (T/ha)	Prices (Riel/Kg)
1	H Yang Na Deav	F	33	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	-	-
2	Pa Ngaing Yorn	F	35	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	1.50	500.00
3	Tra Hen Gnon	F	31	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.40	500.00
4	Yeut Kerk	F	20	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.50	-	-
5	Lay Kan Sram	F	42	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	3.00	400.00
6	Youn Lay	M	60	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	500.00
7	Srun Meng Sron	M	23	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	500.00
8	Yan Voy	M	45	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	5.00	-
9	Tra Pes Ka Doi	M	31	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	1.50	500.00
10	Youn Phoy	M	65	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	300.00
11	Youn Ching	M	70	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	4.00	500.00
12	Yaen Van Cheng	F	52	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	3.00	400.00
13	ឃុំ Tin Map	M	26	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	1.00	400.00
14	Kroay Kann Dam	M	33	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	3.00	400.00
15	Pel Sam Poang	M	69	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	400.00
16	Veay Tom	M	51	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	1.00	500.00
17	Sam Pang Press Tang	M	60	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	1.00	400.00
18	May Soeun	F	32	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	400.00
19	Na Pil	M	22	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	3.00	400.00
20	Yam Bun Reay	M	40	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	3.00	400.00
21	Ta Bin	M	60	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	300.00
22	Gnak Samang	M	22	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	3.00	500.00
23	Dang Gnak	M	48	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	3.00	500.00
24	Pin Roeung	M	29	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	2.00	500.00
25	Buntea Phala	M	23	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	2.00	500.00
26	Ta Ngal Cheat	M	32	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	2.00	500.00

No	Name	Sex	Age	Minority	Village	Commune	District	Province	Size of Land (ha)	Yield (T/ha)	Prices (Riel/Kg)
27	Roew On Trang	F	69	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	2.00	500.00
28	Prom Savuth	M	61	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	2.00	500.00
29	Chanvin Pro Aom	M	51	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	2.00	500.00
30	Kreal Kreagn	M	77	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	2.00	500.00
31	Kann Teng Ngiv	M	22	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	2.00	500.00
32	Yam Chan	M	46	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	3.00	500.00
33	Trang Ka Chik	M	66	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	2.00	500.00
34	Ngan Chi Mign	M	25	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	2.00	400.00
35	Meach Phal	M	21	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	3.00	400.00
36	Trayak Hot	M	37	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.50	3.00	500.00
37	Kreav Haem	M	42	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	2.00	400.00
38	Cha Lay Kan Tang	M	53	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	1.00	500.00
39	Pel Soeun	M	20	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	1.00	500.00
40	Kraoy Cha Ang	M	31	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	2.00	400.00
41	Lay Ka Lam	F	24	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	2.00	400.00
42	Chrot Pa Tou	M	51	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	1.00	500.00
43	Kiv Chim	M	40	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	2.00	500.00
44	Slaey Piv	M	24	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	2.00	500.00
45	Ngeuch La Ngeang	M	39	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	5.00	500.00
46	Ta Ngach Dan	F	69	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	3.00	500.00
47	Cheng Rout Vit	F	66	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	3.00	400.00
48	Loeng Ngy	M	24	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	3.00	500.00
49	Cheng Rout Moeung	M	60	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	3.00	600.00
50	La Pe Meas	F	40	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	3.00	500.00
51	liv Pean	M	68	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.50	6.00	500.00
52	Ka Tam Khan	M	24	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	-	500.00
53	Tras Thoy	M	40	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	3.00	500.00

No	Name	Sex	Age	Minority	Village	Commune	District	Province	Size of Land (ha)	Yield (T/ha)	Prices (Riel/Kg)
54	Choy Moeun	M	25	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	3.00	400.00
55	Ngom Chan Doeun	M	31	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	3.00	400.00
56	Kro Yong Sa Neth	F	40	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	5.00	400.00
57	Tak Choy	M	46	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	5.00	500.00
58	Tapel Num Baing	M	33	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	3.00	400.00
59	Char Choeun	M	31	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	3.00	400.00
60	Yap Poy	M	48	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	3.00	400.00
61	Poy Cha Rout	M	22	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	400.00
62	Ka Chang Rorm Pech	F	67	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	1.00	400.00
63	កា កា កា Gne Daing	M	40	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	400.00
64	Prang Cha Choch	F	52	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	1.00	400.00
65	Kdan Noy	F	32	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	1.00	400.00
66	Lav Ka Tang Luy	M	28	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	1.00	400.00
67	Keng Chram	M	61	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	400.00
68	Kan Taing Lach	M	34	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	400.00
69	Ba Kham Boeun	M	33	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	1.00	400.00
70	Moeng Bat	M	45	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	1.00	400.00
71	Kak Phan Tal	M	22	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	300.00
72	Veng Bun Leap	M	51	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	400.00
73	Van Chhaeng Lam Bak	M	43	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	400.00
74	Ka Mek Moeun	F	40	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	-	600.00
75	Youn Loy	F	55	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	2.00	-
76	Pen Saroeun	F	22	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	-	-
77	Veay Moy	F	50	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	4.00	500.00
78	Srei Daem Ne Sa	F	29	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.20	1.00	700.00
79	Choy Ny	F	23	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	-
80	Chram Zong	F	27	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	-	-

No	Name	Sex	Age	Minority	Village	Commune	District	Province	Size of Land (ha)	Yield (T/ha)	Prices (Riel/Kg)
81	Cha Vay Cha Vach	F	60	Kreng	Kancheung	Poy	O Chum	Ratanakiri	3.00	4.00	600.00
82	Rave Cho Vy	F	31	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	6.00	500.00
83	Veun Veang	F	38	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	0.50	-
84	Gnet Cha Kay	F	75	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.80	2.50	600.00
85	Cha Loe Hun	F	44	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	1.20	600.00
86	Thoy Yen	M	39	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.60	6.00	600.00
87	Yan Nang Kheav	M	38	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	-	600.00
88	Tra Pel Van Thoy	F	25	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.40	-	700.00
89	Loy Ka Vorn	F	35	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.00	-	600.00
90	Loung Nget	M	23	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	-	700.00
91	Hugn Ka Peb	F	19	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	1.00	600.00
92	Ka Teuk Naing Hing	F	30	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	2.50	600.00
93	Sa Veang	F	27	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	500.00
94	Yam Gnoy	M	56	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	2.00	600.00
95	Na Lak	F	32	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.90	5.00	600.00
96	Pa Tok Ka Tam	M	46	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.50	13.00	600.00
97	Pa Tou Nang Zang	F	27	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	0.50	500.00
98	Leas Peal	M	31	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.00	1.20	600.00
99	វ៉ាន់ ធាន Vann Thean	M	32	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	2.00	-
100	ឃុំ Um Chann Doeun	M	32	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.50	1.00	-

3.2.3 Rice production

10. Besides growing cashew and cassava, there are 117 HHs (F47) out of 125 HHs of this village growing rice (no mention about variety) on 102.3 ha of land (Each household exists from 0.5 to 1 ha) and every ha of rice field actually offers 480 kg, where average national calculated yield is 3,254 kg per ha (GDA-2022). There was no record on prices of a kilogram of paddy rice (Table3).

Table 3 Numbers of HHs who grow rice

No	Name	Sex	Age	Minority	Village	Commune	District	Province	Size of Land (ha)	Yield (T/ha)
1	Keav Kophic	F	20	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	2.00
2	H Yang Na Deav	F	33	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.5	0.03
3	Pa Ngaing Yorn	F	35	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2	0.50
4	Tra Hen Gnon	F	31	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0.04
5	Ram Baing Naing Deav	F	22	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.05
6	Yeut Kerk	F	20	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.5	1.80
7	Po Gneuv Krit	F	16	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	1.00
8	Lay Kan Sram	F	42	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.70
9	Youn Lay	M	60	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0.90
10	Srun Meng Sron	M	23	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0.80
11	Yan Voy	M	45	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	1.20
12	Tra Pes Ka Doi	M	31	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.50
13	Youn Phoy	M	65	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.70
14	Youn Ching	M	70	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0.90
15	Yaen Van Cheng	F	52	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0.90
16	Yam Long	M	31	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.80
17	ឃុំ Tin Map	M	26	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.70
18	Kroay Kann Dam	M	33	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0.80
19	Pel Sam Poang	M	69	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0.80
20	Veay Tom	M	51	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.50
21	Sam Pang Press Tang	M	60	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.70
22	May Soeun	F	32	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0.80
23	Na Pil	M	22	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.70
24	Yam Bun Reay	M	40	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0.90
25	Ta Bin	M	60	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0.90
26	Gnak Samang	M	22	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.80
27	Dang Gnak	M	48	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.50

No	Name	Sex	Age	Minority	Village	Commune	District	Province	Size of Land (ha)	Yield (T/ha)
28	Pin Roeung	M	29	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.50
29	Buntea Phala	M	23	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.50
30	Ta Ngai Cheat	M	32	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.50
31	Roeu On Trang	F	69	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.50
32	Prom Savuth	M	61	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.50
33	Chanvin Pro Aom	M	51	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.50
34	Kreal Kreagn	M	77	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.50
35	Kann Teng Ngiv	M	22	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.50
36	Yam Chan	M	46	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.5	1.00
37	Trang Ka Chik	M	66	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.50
38	Ngan Chi Mign	M	25	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.50
39	Meach Phal	M	21	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0.90
40	Trayak Hot	M	37	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0.90
41	Kreav Haem	M	42	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.50
42	Cha Lay Kan Tang	M	53	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.50
43	Pel Soeun	M	20	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.50
44	Kraoy Cha Ang	M	31	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.50
45	Lay Ka Lam	F	24	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.50
46	Chrot Pa Tou	M	51	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.50
47	Kiv Chim	M	40	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.50
48	Slaey Piv	M	24	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.50
49	Ngeuch La Ngeang	M	39	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0.90
50	Ta Ngach Dan	F	69	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.60
51	Cheng Rout Vit	F	66	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.60
52	Loeng Ngy	M	24	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.60
53	Cheng Rout Moeung	M	60	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.70
54	La Pe Meas	F	40	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0.90
55	liv Pean	M	68	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	1.00

No	Name	Sex	Age	Minority	Village	Commune	District	Province	Size of Land (ha)	Yield (T/ha)
56	Ka Tam Khan	M	24	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	-
57	Tras Thoy	M	40	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0.90
58	Choy Moeun	M	25	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.50
59	Ngom Chan Doeun	M	31	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0.90
60	Kro Yong Sa Neth	F	40	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0.90
61	Tak Choy	M	46	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0.90
62	Tapel Num Baing	M	33	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0.70
63	Char Choeun	M	31	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0.80
64	Yap Poy	M	48	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0.90
65	Poy Cha Rout	M	22	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0.80
66	Ka Chang Rorm Pech	F	67	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.60
67	វីរា Ka Gne Daing	M	40	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0.90
68	Prang Cha Choch	F	52	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.70
69	Kdan Noy	F	32	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.50
70	Lav Ka Tang Luy	M	28	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.80
71	Keng Chram	M	61	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0.90
72	Kan Taing Lach	M	34	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.70
73	Ba Kham Boeun	M	33	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	1.00
74	Moeng Bat	M	45	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0.90
75	Kak Phan Tal	M	22	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	0.70
76	Veng Bun Leap	M	51	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0.90
77	Van Chhaeng Lam Bak	M	43	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0.90
78	Na Tan	F	39	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	-
79	Ka Mek Moeun	F	40	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.5	-
80	Youn Loy	F	55	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2	-
81	Pang Ban Prong	F	33	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	-
82	Pen Saroeun	F	22	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	-
83	Trayak Hok	M	36	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	-

No	Name	Sex	Age	Minority	Village	Commune	District	Province	Size of Land (ha)	Yield (T/ha)
84	Veay Moy	F	50	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	-
85	May Tith	F	33	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.5	-
86	Srei Daem Ne Sa	F	29	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	-
87	Pich Gnoy	F	39	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.5	-
88	Meung Chorn	F	29	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	-
89	Choy Ny	F	23	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	-
90	Chram Zong	F	27	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	-
91	Cha Vay Cha Vach	F	60	Kreng	Kancheung	Poy	O Chum	Ratanakiri	4	-
92	Chung Lyna	F	18	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	-
93	Rave Cho Vy	F	31	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	-
94	Veun Veang	F	38	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	-
95	Gnet Cha Kay	F	75	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	-
96	Cha Loe Hun	F	44	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	-
97	Thoy Yen	M	39	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.5	-
98	Yan Nang Kheav	M	38	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	-
99	Tra Pel Van Thoy	F	25	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	-
100	Loy Ka Vorn	F	35	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0.50
101	Ka Kav Nang Noy	F	56	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2	0.50
102	Loung Nget	M	23	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.5	-
103	Pech Kosal	M	36	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	-
104	Lea Kagna	F	27	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	-
105	Hugn Ka Peb	F	19	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.5	-
106	Ka Teuk Naing Hing	F	30	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	-
107	Yam Gnoy	M	56	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2.5	-
108	Na Lak	F	32	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	-
109	Pa Tok Ka Tam	M	46	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1.5	-
110	Pa Lo Kam Ban	M	43	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	-
111	Pa Tou Nang Zang	F	27	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	-

No	Name	Sex	Age	Minority	Village	Commune	District	Province	Size of Land (ha)	Yield (T/ha)
112	Leas Peal	M	31	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	-
113	Vann Thean	M	32	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	-
114	Noay	F	62	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	-
115	San Dann	F	35	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0.5	-
116	Phal Pek	M	40	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	-
117	Kalay Ka Choun	M	40	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	-

11. By the way, it was found most of rice producers of this village grow rice for consumption only .

12. Regarding to some households, who did not grow any crops because they do not have labor, shortage of technics and capital and just abundant from Parents.

3.3 Other Crop Production

13. According to the statistic counts, it found that no households of this village do grow neither vegetable nor fruit tree and rubber trees. However, there was no record on reasons why they did not grow them.

3.3 Impacts on crop production

3.3.1 Soil Fertility

14. According to the interview on the soil fertility of this village, 01 of interviewees rated the soil fertility of their village in Poor and the majority of them (104 HHs) 10 of rated the soil fertility of their village in Medium, but the other 18 HHs mentioned that their soil is in good quality . From this judgement, the soil fertility of this village is absolutely medium, and needs to be improved.

3.3.2 Other impacts

15. According to the result of interview, the project team found that there are 8 factors significantly impact on the crop production of this village. The impacts of these factors are ranked by the numbers of votes of interviewers. For example, the impact of the drought was ranked in 5 counts, Shortage of technics was ranked in 13 counts, Shortage of labor was ranked in 4 counts, shortage of capital was ranked in 7 counts, where no market was ranked in 1 count, and the Insect attack was ranked in 3 counts, the shortage inputs (fertilizer...) was ranked in 6 counts, and Diseases was ranked in 10 counts (Figure1). Therefor and through figure1, it was found the three top ranked factors are insect attack, shortage of inputs, and diseases. These three factors very significantly impact on the crop production, mainly on the reduction of crop's yield.

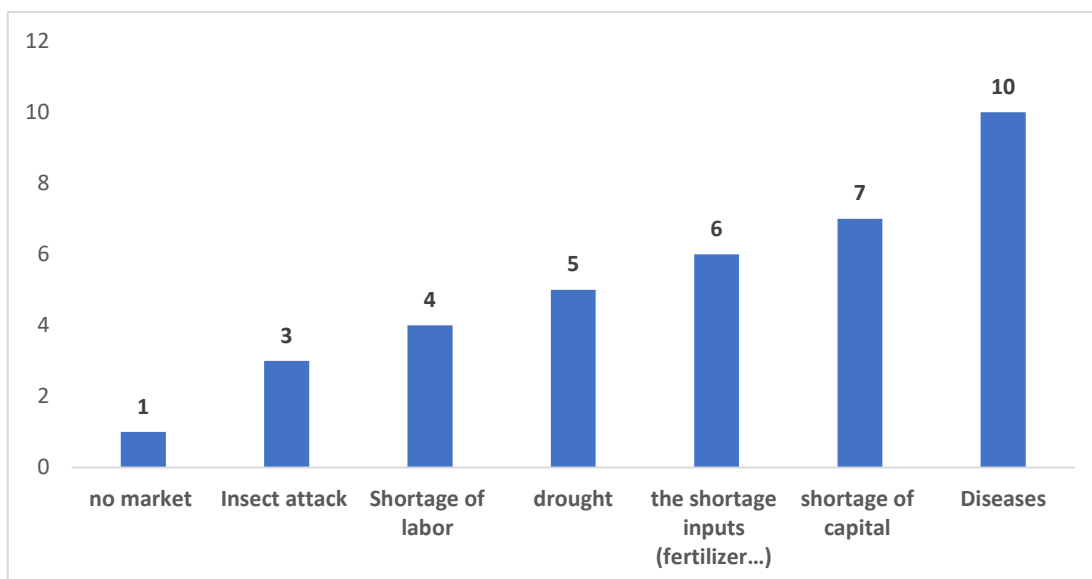


Figure 1 Rate of various impacts on crop production

3.4 Animal Production

3.4.1 Type of animal production and Statistic

16. Besides culturing some crops, it was recorded 27 HHs (F6) raising 83 heads of cattle ,4 HHs (F2) raise 14 heads of buffalo, 38 HHs (F13) raise 95 heads of pig and 52 HHs (F22) raise 384 heads of local chicken (Table4).

Table 4 Numbers of HHs who raise cattle, buffalo, pig, chicken

No	Name	Sex	Age	Minority	Village	Commune	District	Province	Cattle	Buffalo	Pig	Chicken
1	Keav Kophic	F	20	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	3	0
2	H Yang Na Deav	F	33	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	0	3
3	Po Gneuv Krit	F	16	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	0	4
4	Yan Voy	M	45	Kreng	Kancheung	Poy	O Chum	Ratanakiri	4	5	2	5
5	Tra Pes Ka Doi	M	31	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	1	10
6	Tin Map	M	26	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2	0	0	0
7	Kroay Kann Dam	M	33	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	0	5
8	Pel Sam Poang	M	69	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2	0	0	0
9	Veay Tom	M	51	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	1	10

No	Name	Sex	Age	Minority	Village	Commune	District	Province	Cattle	Buffalo	Pig	Chicken
10	Sam Pang Press Tang	M	60	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	2	10
12	Gnak Samang	M	22	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0	1	10
13	Dang Gnak	M	48	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2	0	1	5
14	Yam Chan	M	46	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2	0	1	10
15	Meach Phal	M	21	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0	2	5
16	Trayak Hot	M	37	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2	0	1	10
17	Kraoy Cha Ang	M	31	Kreng	Kancheung	Poy	O Chum	Ratanakiri	20	0	0	0
18	Ngeuch La Ngeang	M	39	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0	1	5
19	Loeng Ngy	M	24	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2	0	1	10
20	Cheng Rout Moeung	M	60	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0	1	10
21	liv Pean	M	68	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2	0	1	10
22	Ngom Chan Doeun	M	31	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0	2	5
23	Kro Yong Sa Neth	F	40	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2	0	1	10
24	Tak Choy	M	46	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2	0	2	5
25	Tapel Num Baing	M	33	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0	1	10
26	Yap Poy	M	48	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2	0	1	0
27	Moeng Bat	M	45	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	2	5
28	Veng Bun Leap	M	51	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2	0	1	5
29	Van Chhaeng Lam Bak	M	43	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	1	5
30	San Mean Tav	M	27	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	0	5
31	Na Tan	F	39	Kreng	Kancheung	Poy	O Chum	Ratanakiri	3	0	4	5
32	Ka Mek Moeun	F	40	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	0	20
33	Youn Loy	F	55	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	0	10
34	Pen Saroeun	F	22	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	4	0
35	Trayak Hok	M	36	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	1	5
36	Veay Moy	F	50	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	0	2
37	Pich Gnoy	F	39	Kreng	Kancheung	Poy	O Chum	Ratanakiri	8	0	3	10
38	Choy Ny	F	23	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	2	0

No	Name	Sex	Age	Minority	Village	Commune	District	Province	Cattle	Buffalo	Pig	Chicken
39	Chram Zong	F	27	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	0	15
40	Cha Vay Cha Vach	F	60	Kreng	Kancheung	Poy	O Chum	Ratanakiri	2	0	0	5
41	Chung Lyna	F	18	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	1	0
42	Nay Ken	F	35	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	2	0	10
43	Rave Cho Vy	F	31	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	0	8
44	Veun Veang	F	38	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	0	2
45	Kam Pot Ka Leang	F	30	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	0	2
46	Gnet Cha Kay	F	75	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	0	4
47	Cha Loe Hun	F	44	Kreng	Kancheung	Poy	O Chum	Ratanakiri	3	0	1	5
48	Thoy Yen	M	39	Kreng	Kancheung	Poy	O Chum	Ratanakiri	6	6	3	5
49	Sar Mean TaRa	M	27	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	0	5
50	Yan Nang Kheav	M	38	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	0	4
51	Tra Pel Van Thoy	F	25	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	1	0	6
52	Loy Ka Vorn	F	35	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	0	15
53	Ka Kav Nang Noy	F	56	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	1	0
54	Loung Nget	M	23	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	3	5
55	Ving Tak Cha Mos	F	40	Kreng	Kancheung	Poy	O Chum	Ratanakiri	3	0	4	10
56	Pech Kosal	M	36	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	0	10
57	Lea Kagna	F	27	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	2	6
58	Chri Srei Mim	F	21	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	4	15
59	Hugn Ka Peb	F	19	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	1	10
60	Yam Gnoy	M	56	Kreng	Kancheung	Poy	O Chum	Ratanakiri	5	0	28	0
61	Pa Tok Ka Tam	M	46	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	0	3
62	Pa Lo Kam Ban	M	43	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	0	5
63	Leas Peal	M	31	Kreng	Kancheung	Poy	O Chum	Ratanakiri	0	0	3	0
64	ꠘ Vann Thean	M	32	Kreng	Kancheung	Poy	O Chum	Ratanakiri	1	0	0	10

3.4.2 Impacts of animal productions

17. It is the same to crop production, the animal production of this village has been faced to some factors. According to the interview, the project team found, there are 8 main factors which impact adversely on the animal production of this village. Therefore, there were 1) 1 HH mention drought 2) 5 HHs said that the shortage of market, 3) 7 HHs concerned that shortage animal raising technics, 4) 9 HHs said that shortage of labor, 5) 7 HHs pointed out shortage of inputs such as medicine and vaccine, 6) 10 HHs said that parasite (Worm), 7) 2HHs mentioned that shortage of capital and 8) 14 HHs concerned on animal disease caused impact on animal production of this village. Therefore, the illustrated figure 2 has ranked the value of factors' impact by order (Figure2) and according to this figure2, we found that 3 top impacts of animal production, 1) animal diseases, 2) Parasite (worm) and 3) Shortage of labor. These impacts impact adversely on the animal production and in terms of solving these problems, it I required a certain measure, which are regularly done.

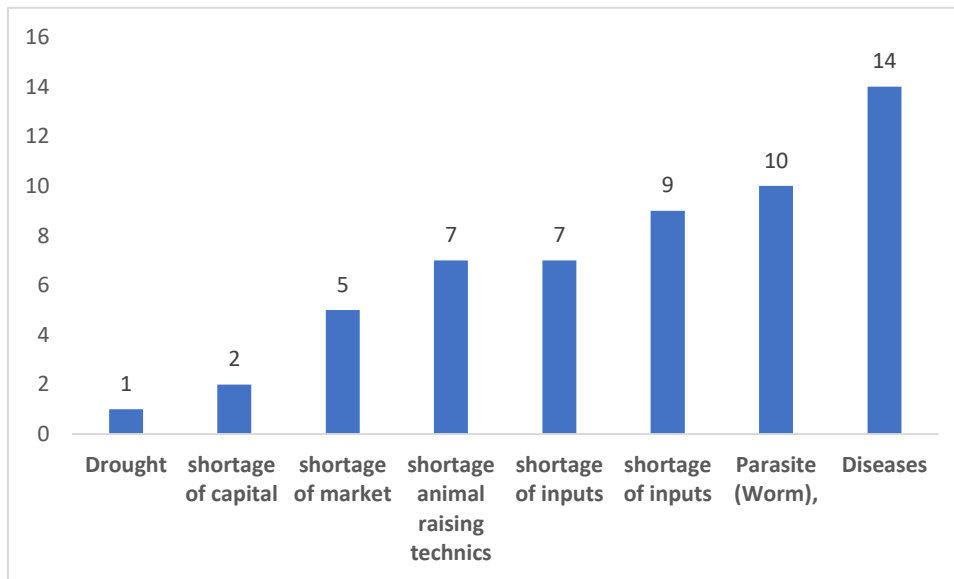


Figure 2 Rate of Impacts on Animal Production

3.5 Incomes

3.5.1 On Farm Income

18. A hug income of villagers in this villages come from agriculture farming productivity. According to the quick agricultural economic analysis, the team found that, 1) the average family agricultural farming production cost of this village is 2,406,428.57 riel (601.61\$US), 2) the average family gross income is 5,144,920.63 riel (1,286.23 \$US) and, 3) so the average family net income of this village is calculated in 2,738,492.06 riel (684. 62 \$US).

3.5.2 Off Farm and Non -farm Incomes

19. Through the interviewing with 125 HHs of this village, the team also found that 64 HHs (F 24) or 54% of interviewees have off farm job, where 53 HHs (42%) of them have sold their labor to companies, besides performing, the agriculture farming, and get the average additional income in 336,507.94 Riel (264.18 \$US) per year.

3.6 Household Food Security (HFS)

20. Regards to status of food security of this village, the project team recorded 58 HHs (F33) or 46% of 125 household reported that they have no sufficient food, included 10 HHs have faced to food shortage in 2 days, 5 HHs have faced to 3 days of food shortage, where 1 HH get 4 days of food shortage, 6 HHs- 5 days of food shortage, 4 HHs- 6 days of food shortage, 5 HHs-7 days of food shortage, 1 HHs-8 days of food shortage, 3 HHs-9days of food shortage, 10 HHs- meet 10 days of food shortage, 1 HH-12 days of food shortage, 1 HHs-13 days of food shortage, 1 HHs-18 days of food shortage, 7 HHs meet 20 days, 1 HH-30 days and other 2 HHs meet 60 days of food shortage (Figure 3).

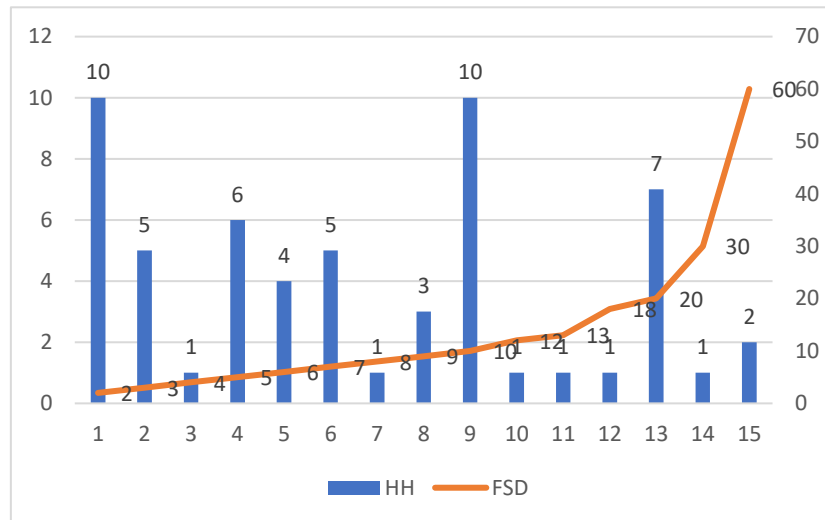


Figure 3 No of HHs VS Food Shortage Day (FSD)

3.7 Market demand Analysis

21. Regarding the source of selling agriculture products, the team of the project found that there are 109 HHs or 87 % of interviewees selling their products to inside village collectors, 5 HHs (0,04%) selling their products to either inside village collectors or outside village collectors, other 10 HHs (0,08 %) sold their agriculture products to inside and outside village collectors, outside village collectors and association and inside village collectors and association (Figure 4).

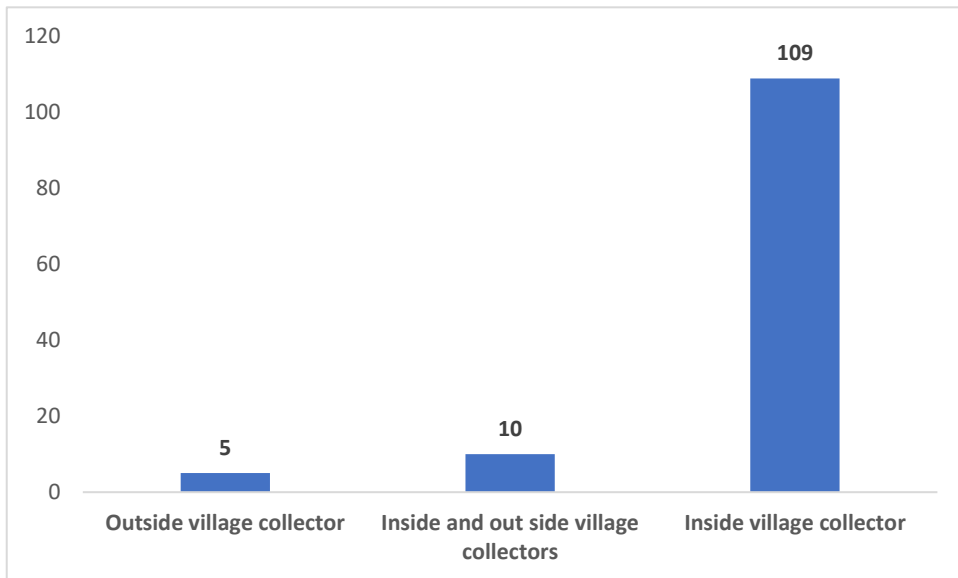


Figure 4 Sources of Agriculture Products' collectors VS No HHs

22. By the way, in regarding the place where the collectors further sell their collected products , it was found that all inside village collectors sell the products to local food processors, however 1 of inside village collectors could sell their products either to local food processor and companies in Viet Name and Thailand and 8 outside village collector also enable to sell their products to Viet Name and Thailand.
23. Fortunately, most of villagers of this village do not transport their products to collecting place of collectors, but the collectors or companies came to their door collecting the products by motorbike or tractor. There is no mention about the duration of transporting the products from village to their stores.
24. On the other hand, in regards to the communication of the villagers with market or private sectors, it was observed that 48 HHs of this village communicate to Private Sectors or companies by phone, 8 other HHs could communicate directly to collector or companies by the representatives of their groups and phones, However, the majority of villagers of this village (62HHs) directly contact to companies and collectors. Even so, the phone communication to market of this village is ranted at top, as 99 HHs of this village exist up to 127 phones and 110 of phones are smart phones. The exist of huge numbers of smart phone is another feature of this village. Besides, the market communication, this village could be transferred some ICT technologies by the project or other institutes which help to increase either their capacities and products as well as their income generation.
25. During the field work in this village, the team also took their times to look at more detail on main reasons of market problem of this village. So, the team observed the reasons of market problem causing by: 1 HH mentioned that 1) No middleman, 1 HH 2) No middleman, lack of market information and incubator, 56 HHs 3) lack of market information and incubator, 4 HHs stressed on 36 HH 4) low prices, 2 HHs of this village concerned much on 5) low prices and lack of middleman , 4 HH complained on 6) low prices, no middle man, no market and lack of infrastructure, other 16 HHs of this village concern very much on 7) low prices and lack of market information and another 6 HHs of this mentioned that 8) low prices, lack of market information and lack of incubator. So, this brief assessment indicates two main reasons of market problem, they are low prices and lack of market information.

IV. Recommendation and Conclusion

26. The beneficiary profile of Kancheung village presents the three major issues that the villager of this village has faced in regards to 1) the decline of agriculture yield or products, the villagers does not consist shortage of agricultural technics, some other market problem such low prices, no available market information, shortage of technics, diseases and drought significantly impacting on crop and animal production of the villagers. These three factors consist their specific resolutions, responses and measures.
27. The first prioritized measure need to be responded to these mentioned problems above will be came through selection of Agriculture Development Facilitators (ADFs), selection and formation of Village Extension Workers (VEWs) and Village Animal Health Workers (VAHWs) who are based in target villages and providing technical support to beneficiaries, under direct technical support of various line departments, mainly Provincial Department of Agriculture, Forestry and Fisheries and the Muster Training Team (MTT).
28. In this case, the MTT of project will release some main technical course, through agricultural trainings and demonstrations, farmer field school..., to target groups of the project within the participation and facilitation of ADFs, VEWs and VAEWs.
29. In terms of increasing the yield of agriculture products, through the facilitation of ADFs, VEWs and VAHWs, the project should provide some following and relevant technics as well as trainings to villagers of this village:
- Compost/ green manure or organic fertilizer production
 - Seed or crop variety selection
 - Horticulture/grafting
 - Crop integration/ rotation
 - Rice intensification
 - Integrated Pest Management (IPM)
 - Post- harvest technique and so on...
30. In addition, regarding improvement of animal production, the project included PDAFFs, Provincial Office of animal production and treatment (POAPT), under the participation of ADFs, VEWs and VAHWs, need to provide the following technical trainings to these villagers on:
- Animal Husbandry techniques in adaption to climate change
 - Breed selection technique
 - Animal disease (parasite) prevention
 - As well as to promote and facilitate the regular vaccination and deworming campaign in this village within the facilitation and technical support of ADF, VEW and VAHWs.
31. The following proposed measures might passively help to increase the prices of agriculture products and solving market information for this village. All of measures are compounded in a group and might be actual by order. But what come first is the organization of producer groups and agriculture cooperatives. Base of existing information of this village (Table1 to Table 4), such as 1) forming a Cashew producer group which consists 38 HHs (F16) , 2) forming a Cassava producer group consists 44 HHs (F19), 3) forming a Rice producer group exists about 39 HH (F15),3) forming a cattle producer, pig producer and chicken producer

groups which consist 3 HHs (F1) ,13 HHs (F4) and 31 HHs (F13), as every groups is going to assigned their administrative groups, such as market information groups or focal points, who responding with collecting and sharing market information to members as well as facilitation of contract farming of their groups with private sector. Doing this will, of course, help to sustain their market demand and price, encouraging their community agriculture productions and productivities.

V. VANNEX

5.1 Annex 1: Questionnaire of Beneficiary Profile Form

A. To be completed by interviewer

1. Name:, Gender: Male Female
2. Interview date (DD/MM/YY):
3. Location:(village),(commune),(district),(province).
4. Phone number: and

B. To be completed by interviewee

Part I: General information

1. Name:, Gender: Male Female
2. Indigenous People: Kreung Tompoun Pou Nong Prov Mil Charay
 Other:
.....
3. Family status: Single Marriage Divorce Separate
4. Children: (People) (Son: (People), Daughter: (People).
5. Children who are studying:
 - ❖ Kindergarten: (People) (Son: (People), Daughter: (People).
 - ❖ Primary school: (People) (Son: (People), Daughter: (People).
 - ❖ Secondary school: (People) (Son: (People), Daughter: (People).
 - ❖ High school: (People) (Son: (People), Daughter: (People).
 - ❖ Technical school: (People) (Son: (People), Daughter: (People).
 - ❖ Undergraduate: (People) (Son: (People), Daughter: (People).
6. Children who stop study: (People) (Son: (People), Daughter: (People).
7. Under-age school children: (People) (Son:(People), Daughter: (People).
8. Agriculture labor force: 1 2 3 4 5 6 7 8 9

9. Have you applied to the LASED III project already in term of agricultural support? Yes No

10. Have you participated in dissemination already? Yes No

11. Which institutions provide the dissemination?

Ministry of Agriculture, Forestry and Fisheries

Ministry of Land Management, Urban Planning and Construction

Provincial Department of Agriculture, Forestry and Fisheries

Provincial Department of Land Management, Urban Planning and Construction

Local authority

Other:

Part II: Agricultural potential

2.1 Industrial crops

2.1.1 Cashew tree Yes No (If so, please verify below:)

Younger than the harvest year

No land to grow

Land not yet cleared

Other:

2.1.1.1 Cashew production: (h.a), Yield: (t), Price: (Riel/kg)

2.1.2 Cassava: (h.a)

2.1.2.1 Quantity sell: (h.a), Fresh cassava's price: (Riel/kg)

2.1.2.2 Quantity sell: (h.a), Dried chip cassava's price: (Riel/kg)

2.1.3 Rubber: (h.a), Yield: (t), Price: (Riel/kg)

2.1.4 Rice: (h.a), Yield: (t), Have you sold the rice? Yes No (Please verify)

Only household consumption

Also sold some

No land to grow

Land not yet cleared

Other:

2.1.4.1 Sold quantity: (h.a), Yield: (t), Price: (Riel/kg)

2.2 Horticulture

2.2.1 Vegetable: (h.a), Yield: (t), Price: (Riel/kg)

2.2.2 Fruits tree: (h.a), Yield: (t), Price: (Riel/kg)

2.3 Challenges

2.3.1 What is the condition of your land? Good Average Bad

2.3.2 Challenges

Choose any answer you come across Please tick (✓) on the only answer! Level 1 is not strongly challenged to level 5 is strongly challenged	1	2	3	4	5
Drought					
Diseases on other crops					
Lack of techniques in cultivation					
Lack of labor to support agricultural work 21					
Lack of capital					
Lack of sales' market					
Lack of agricultural inputs (fertilizers and pesticides, seeds, etc.)					

2.4 Livestock No Yes (If so, please verify below:)

2.4.1 Cow:, Buffalo:, Pig:, Chicken:, Duck:, Other:

2.4.1.1 Cow's sell quantity:, Total price: (Riel)

2.4.1.2 Buffalo's sell quantity:, Total price: (Riel)

2.4.1.3 Chicken's sell quantity:, Total price: (Riel)

2.4.1.4 Duck's sell quantity:, Total price: (Riel)

2.4.1.5 Other:, Total price: (Riel)

2.4.2 Challenges

Choose any answer you come across Please tick (✓) on the only answer! Level 1 is not strongly challenged to level 5 is strongly challenged	1	2	3	4	5
Drought					
Other animal diseases					
Lack of technique in raising					
Lack of labor to raise livestock					
Lack of capital for animal husbandry raising					
Lack of sales' market					
Lack of production inputs (food, vaccines, veterinary drugs, etc.)					

2.5 Aquaculture (raising fish, frogs, eels, snakes, etc.)

2.5.1 Do you do aquaculture? No Yes (If so, please verify below)

2.5.2 Sell quantity: (kg), Price: (Riel/kg)

2.5.3 Do you want to do aquatic farming? Yes No (If so, please verify below)

2.5.4 Please provide your reasons why do not want to do the aquatic farming:

.....

2.6 Markets

2.6.1 Who do you sell your agricultural products to?

- Processing company
- Medium or large broker in local or province
- Village collectors
- Agricultural cooperative to which it is a member (If the respondent is a member of the agricultural cooperative)
- Others (Please specify:)

2.6.2 Where do your buyers bring your agricultural products to?

- Export abroad (usually exported to Vietnam)
- Local processing
- Resale to exporters (usually exported to Vietnam)

2.6.3 Where sources do you know the price of agricultural products from?

- By phone
- By telegram
- Direct contact with local buyers (Establish a regular quote team)
- By relevant ministries and institutions
- By organizing a matching forum from relevant ministries and institutions

2.6.4 Have you ever attended a contract farming training course?

- No
- Yes

2.6.5 Which ministry or institution is organized by?

- Provincial Department of Agriculture, Forestry and Fisheries
- Department of Agro-Industry
- NGOs

Private sector engaged in contract farming

2.6.6 Transportation

Bulldozer Tractor Motorcycles Horse-drawn carriage Car

2.6.7 Challenges

Low selling price

Lack of buyers

Lack of market information

Lack of drying facilities

23

Other:

(Specify.....)

2.7 Agricultural economic analysis (Annual)

2.7.1 Total income from agriculture (Riel)

2.7.2 Total expenditure on agricultural production (cultivation, aquaculture, etc.)
(Riel)

2.7.3 Non-agricultural work No Yes (Please specify:.....)

2.7.4 Non-agricultural income (Please specify:..... (Riel))

2.7.5 Expenses and income: Enough Not enough

2.7.6 How many months do you estimate the shortage (in days / months)?

2.8 Extension and Information Technology

2.8.1 Have you ever attended a short course in agricultural skills? Yes No

2.8.2 Training by which party:

.....
.....

....

2.8.3 Do you have a cell phone? Yes No

2.8.4 Total number of phones: (Units) 4.1 Smart phones units

2.8.5 Have you ever used a smartphone to learn agricultural techniques? Yes No

2.8.6 Have you ever used a smartphone to buy or sell agricultural products? Yes
 No

2.9 Community infrastructure

2.9.1 Rubber road number: (Line), Length: (Km)

- 2.9.2 Road number: (Line), Length: (Km)
- 2.9.3 Red gravel road number: (Line), Length: (Km)
- 2.9.4 Lake, Size: (Cubic meter)
- 2.9.5 River, Length: (Km)
- 2.9.6 School (Building)
- 2.9.7 Health Center (Building)

Annex 2 Additional questions

I. Agriculture Cooperative

1. Does your indigenous community establish the agriculture cooperative?

No

Yes (Please specify in the following question)

2. What is the name that agriculture cooperative?

.....

3. How many members in that agriculture cooperative? (Please attach the photo, if applicable)

Amount of member: (Number of women:)

4. What careers does that agriculture cooperative do?

.....

.....

.....

.....

.....

5. What challenges does that agriculture cooperative come across?

.....

.....

.....

.....

.....

II. Producer Group

6. Does your producer group establish the agriculture cooperative?

No

Yes (Please specify in the following question)

7. What is the name that producer group?

.....

8. How many members in that producer group? (Please attach the photo, if applicable)

Amount of member: (Number of women:)

9. What careers does that producer group do?

.....

.....

.....

.....

.....

10. What challenges does that producer group come across?

.....

.....

.....

.....

.....

III. Revolving Funds Group

11. Does your revolving funds group establish the agriculture cooperative?

No

Yes (Please specify in the following question)

12. What is the name that revolving funds group?

.....

13. How many members in that revolving fund group? (Please attach the photo, if applicable)

Amount of member: (Number of women:)

14. What careers does that revolving funds group do?

.....

.....

.....

.....

.....

15. What challenges does that revolving funds group come across?

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.....

IV. Other Farmer Group

16. Does your other farmers group establish the agriculture cooperative?

No

Yes (Please specify in the following question)

17. What is the name that other farmers group?

.....

18. How many members in other farmers group? (Please attach the photo, if applicable)

Amount of member: (Number of women:)

19. What purposes do that other farmer groups do?

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.....

20. What challenges does that revolving funds group come across?

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21. In order to develop the agriculture cooperative/producer group/revolving funds group, what do you want LASED III project support?

Education and training

Financial support

Business agreement making

Contract Farming making

Facilitate the private and development partner in the local

Physical infrastructure support

Other (Please specify:)

V. Fisheries

22. Do you catch fishes traditionally?

No

Yes (Please specify in the following question)

23. How much do you earn from the traditional fishing?

Please specify: (Riel)

24. Do you spend on traditional fishing materials?

No

Yes (Please specify in the following question)

25. How much do you spend it?

Please specify: (Riel)