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Development



Northern Mountainous Agriculture
and Forestry Institute



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*“Strengthening Capacities to Enhance Coordinated and Integrated Disaster Risk
Reduction Actions and Adaptation to Climate Change in Agriculture in the
Northern Mountain Regions of Viet Nam”*



**Community-Based Rice Seed System
for Disaster Risk Reduction and Climate Change Adaptation
in Dai Phac commune, Van Yen district, Yen Bai province**

Yen Bai, 2011

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1. Introduction

As an economically agricultural country, over 70% of Vietnam total population rely on the agriculture production which is highly exposed to recurring natural hazards, especially in the vulnerable regions, including the northern mountainous. In recent years, disasters occurred in this region with increasingly unprecedented severity and scale, causing damages to large crop areas and serious losses in term of human lives, properties and ecological environment.

In this context, the project UNJP/VIE/037/UNJ entitled “Strengthening Capacities to Enhance Coordinated and Integrated Disaster Risk Reduction Actions and Adaptation to Climate Change in Agriculture in the Northern Mountain Regions of Viet Nam” was developed and approved, and is now in progress. Under this project, with financial support provided by FAO, NOMAFSI conducted a baseline situation analysis study and documentation of good practices relating to disaster risk management (DRM) and climate change adaptation (CCA) in the target areas. One of the study’s important findings is that farming communities currently depend on external suppliers for rice seeds, and thus often face problems caused by poor seed quality, untimely seed supply, especially when extra volumes are required for restoring rice production after natural disasters. Another finding is that there are traditional agricultural practices of high value for mitigating impacts of abiotic stresses, especially for recovering crop production after disasters and for adapting to climate change. Most noteworthy are the use of diverse pureline rice varieties with good adaptability to local growth conditions, and practice of on-farm production and distribution of pureline rice seeds. It was recorded that older farmers have good knowledge and skills in the production and storage of conventional rice seeds. In the "old days particularly during 1960-1980, most communities were self-sufficient in rice seeds: each agricultural cooperative established a rice seed production group comprising most experienced and skillful farmers, who are in charge of the production of rice seeds for the whole cooperative.

In order to re-develop and disseminate for effective and wide application of good traditional agricultural practices for DRM and CCA, based on the traditional knowledge in on-farm rice seed production, also under the above mentioned project, NOMAFSI has developed advanced technology for on-farm rice seed production using RISM (rice crop integrated management). Together with conducting demonstrations, the institute trained selected farmers from all the 6 communes in the 3 target provinces in related issues. The target communes included Dai Phac and Yen Binh communes of Van Yen district, Yen Bai province; Son Hai commune of Bao Thang district, Lao Cai province; Muong Vi commune of Bat Xat district, Lao Cai province; Minh Hac commune of Ha Hoa district, Phu Tho province; and Chan Mong commune of Doan Hung district, Phu Tho province.

According to all the stakeholders, including farmers, local officials, local staff, project team and project technical advisor, farmers could successfully apply the RISM techniques and produce quality rice seeds. Particularly, in Dai Phac commune, in summer season of 2010, the project provided support to only 1 hectare (22 households involved), but farmers proactively applied the techniques in more than 10 hectares. Their rice seeds met the requirements of certified seeds, and thus were purchased by Yen Bai Seed Center. As calculated by farmers and local staff, rice seed production brings better economic benefits compared to the production of rice for food. Being aware of the importance of quality rice seeds, and the benefits of on-farm rice seed production, communities expressed their strong will and need to develop commune rice seed production system.

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In this context, the proposed project aims to develop a model of sustainable and effectively functioning community-based rice seed systems. Successful implementation of this project will help the target communities ensure their rice seed security, and correspondingly stabilize and increase their rice production. More important, this will contribute greatly to the protection of land, water and forest resources. Also, with rice seed security farming communities can better recover their rice production after natural disasters, and consequently can cope with adverse climatic conditions and mitigate the impacts of natural calamities.

Dai Phac commune of Van Yen district, Yen Bai province is selected as the target commune of this project due to its most successful implementation of the previous activities. In this commune, since 2007, with support from FAO under the project TCP/VIE/3101 aiming at improved seed source quality and rice production for food security in the midland and mountainous regions of Viet Nam, NOMAFSI has trained and assisted selected farmers to practice on-farm rice seed production. Its rice seed production group currently consists of 20 members, working under the leadership of the group management unit comprising 3 people and in accordance to the group regulations. Dai Phac commune's rice seed production group however has not been officially formed and recognized by any organization with legal entity. And, although the group members are capable to produce seeds of high quality, there are still many issues to be solved / improved for its effective and sustainable operation. The most important questions to answer are as below:

- How to get rice seeds certified and sold at reasonable prices?
- What is the role of different stakeholders (group members, group leaders, commune's people committee, local seed centers/companies, etc.)
- How to develop the value chain for on-farm produced rice seeds?

This report presents the progress of the activities conducted by NOMAFSI up to 30 October 2011 under the LOA-FAVIE 44/2011-UNJP/VIE/037/UNJ signed between NOMAFSI and FAO aiming at building sustainable and effective functioning model of community-based rice seed system towards disaster impact reduction and climatic change adaptation in Dai Phac commune, Van Yen district, Yen Bai province.

2. Performance and Achievements

Activity and sub-activity (as required in the LOA)	Performed up to 30 October, 2011
Organize a workshop for the stakeholders to review the status of Dai Phac commune rice seed production group, status of local seed production and supply, and relevant issues	A two-day workshop was organized in September, right after the LOA was signed. Participants were actively discussed and agreements reached between stakeholders on the main issues: the need for developing community-based rice seed system, its operation scheme; role of different stakeholders and etc. (See annex 1)
Develop the organizational and operational regulations of the commune rice seed production group	Meetings were organized for the Dai Phac Rice seed group members and relevant stakeholders to discuss all related issues, and to develop the group's regulations and action plans of the. (See annex 2 for details).
Official formation of the seed production group by Dai Phac commune's people committee	Dai Phac commune's people officially approved the establishment of the commune's rice seed production group, and its operation and management regulations (Annex 3)
Support the group to develop relationships and sign contracts with Yen Bai Crop Seed Center	Supports from NOMAFSI and Yen Bai DARD are being provided to the group to develop linkage between the group and Yen Bai Seed Center. Discussions between the relevant people organized (see the minute attached in annex 4). Contracts signed with Yen Bai Seed Center for the certification and consumption of rice seeds produced by the group. (See annex 5 for a copy of the contract)
Support the group to continue producing certified seeds of target rice varieties in the three crop seasons	This is on track. DARD and NOMAFSI are providing supports to the group to produce seeds of 2 varieties, Chiem Huong and HT10, in a total area of 50,000 m ² of the land allocated for rice seed production in the commune (concrete plans as in the annex 2). Supports included provision of some materials needed (fertilizers, quality foundation seeds of the 2 varieties...) and provision of technical guidance to conduct field monitoring and evaluation.
Support the group to get certification of quality rice seeds produced	This is on track. Yen Bai Crop Seed Center is supporting the group to get certificate for rice seed produced by the group according to the procedures set up by MARD. The Center and DARD are also working on registration of the local variety Chiem Huong in the list of rice varieties approved by MARD for large scale production.
Support the group to operate and improve its institutional and technical capacity	This is on track. Consultants from both DARD and NOMAFSI are working in close partnership with the Dai Phac Rice Seed Production Group and with Dai Phac People's Committee for solving any problems occurs. A meeting for review and adjustment/improving of the group regulations and structure is scheduled for at the end of the project.
Organize national workshop for stakeholders to discuss towards multiplication of the model	Workshop will be organized at the end of the project.

3. Main Results and Outputs

Up to 30 October 2011, all the activities are on track. Local farmers, authorities from all 3 levels (provincial, district and commune) highly appreciate the project activities and supports.

On the 21 September at the workshop organized by the project, stakeholders actively discussed and agreed upon the needs for community-based rice seed system, expressed their supports to build Dai Phac model and proposed solutions to overcome the exiting constraints. It was agreed at the workshop that in the current situation in the Northern Mountainous region (over 80% of rice seed used in the production is produced by farmers and not quality-controlled), development of a effectively functioning community-based rice seed production and supply system is a fruitful option to improve the quality of rice seeds used in the region and correspondingly the rice production. It was also agreed that all stakeholders, including Yen Bai DARD, Van Yen district and Dai Phac People's Committee, Yen Bai Seed Center, NOMAFSI and Dai Phac Seed Production Group need to act effectively for building such a model in Dai Phac.

Participants actively discussed and forllowing conclusions were made towards this end:

- Obviously there are urgent needs for a community-based rice seed production and supply system
- There are good commitments from all participants to support Dai Phac to build an effectively functioning model. After this session, meetings with Dai Phac farmers group and relevant people will be organized to discuss action plan for implementation of the project's activities.
- It can be included in the proposal for building new rural commune of Dai Phac some activities supporting farmers rice seed group to develop its structure and capacity.
- Necessary activities will be implemented for developing linkages between stakeholders, especially between Dai Phac and Yen Bai Crop Seed Center.
- NOMAFSI and DARD will continue provide technical supports to Dai Phac Rice Seed Group to produce quality rice seed as well as consultancy on management aspect.

(See Annex i for more the workshop's minute).

Through organizing meetings and field days, for the group's 20 members and relevant people (representatives from Dai Phac people's committee, DARD, consultants from NOMAFSI) to discuss, the group regulations and action plans have been developed, and related problems, issues identified together with proposed resolutions for their overcoming. It was agreed at the meetings that:

- The fields of the group met the conditions for certified rice seed production;
- With trainings provided to the group's members during 2009 - 2010, all of them are capable to produce certified seeds of pureline rice varieties;
- There are great potentials and favouarble conditions for the group to sustain the productions activities and agreed that there are great potentials for the group to develop further its activities in larger land area: commitments from local authorities and DARD to supports, high market demands for certified seeds of pureline rice varieties etc.

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However, it was also agreed that for the group to be able to function effectively and sustainably the following need to be secured:

- Effective collaboration within the group
- Sustainable and effective linkages with relevant stakeholders (NOMAFSI, Yen Bai DARD and Crop Seed Center...)
- Effective supports from local authorities at all the three levels (provincial, district and commune)
- Good management by the group's leaders
- Transparency in all aspects
- Good access to extension services

After many discussions facilitated by NOMAFSI and DARD experts and consultants, the group operation structure and regulations and action plan have been developed (see annex 2 for the detail), and the Dai Phac Commune People's Committee officially established the Dai Phac Rice Seed (see annex 3 for the copy of the decision).

In order to help the Group to develop linkage for getting certification and selling of its rice seeds, discussions between the Group with Yen Bai Crop Seed Centre were also organized with the participation of the consultants from both NOMAFSI and DARD, and a contract between this Center and Dai Phac Rice group was signed for certification and consumption of rice seeds produced by the group (see annex 4 for the meeting minute, and annex 5 for the copy of the contract).

With the project's supports in terms of both material technical aspects, including provision of fillisters, foundation seeds, and technical advice, this summer-autumn season, the group continued to produce good quality rice seed in the total area of 50.000 m². The 2 pureline rice varieties, Chiem Huong and HT10, were selected as due to their good adaptability to the local growth conditions, good yields and preference by local farmers. HT10 is a newly developed by NOMAFSI pureline rice variety which after being trialed in few year has approved to be with wide adaptability, good quality and yield. Chiem Huong has long been considered a local variety of Yen Bai, also with good rice quality and yield. It also has good resistance to main pests. Although yield and income are not yet calculated, it is estimated that the average yield of rice was 5.5 - 6.0 t/ha, which is high compared to the average rice yield in the commune and district.

In addition to the above activities, in order to help Yen Bai to get its local valuable rice variety, Chiem Huong, registered in the list of rice varieties approved by MARD for large scale commercial production, the project also supported Yen Bai DARD to prepare relevant documents and to apply to MARD for this. Although the procedure can take long time, this is scheduled to finished by the end of the project so that local farmers, especially the members of Dai Phac Rice Seed Production, can most benefit from their efforts to produce and maintain this variety.

Annex 1: Minute of the workshop for developing Dai Phac model of sustainable and effectively functioning community-based rice seed production and supply group

The workshop was held in September 21 and 22, 2011 in Van Yen District (Yen Bai province). Participants included representatives from:

- Yen Bai DARD
- Yen Bai Crop Seed Center
- Van Yen district Dept. of Agriculture
- Van Yen district People’s Committee
- Van Yen district Party’s Committee
- Dai Phac commune People’s Committee
- Dai Phac commune Party’s Committee
- Dai Phac farmer rice seed group
- Van Chan district Dept. of Agriculture
- Lao Cai DARD
- Phu Tho DARD
- CDP, MARD
- NOMAFSI
- Project team from NOMAFSI

Main points and conclusions

- i. Opening speak by Dr. Lê Quốc Doanh, Director of NOMAFSI
 - The formation of idea for supporting farmers to produce rice seeds
 - Supports provided by FAO since 2007
 - NOMAFSI constant supports to Dai Phac since 2007
 - The success of Dai Phac
 - The objective of the present workshop: discussions towards effective measures for building an sustainable functioning group of Dai Phac farmers producing and supplying quality rice seeds
- ii. Speak by Mr. Doãn Văn Thủy, Vice Chairperson, Van Yen District People’s Committee
 - The importance of community-based rice seed production and supply
 - The commitments of van Yen district in building Dai Phac model of community-based rice seed production and supply
 - The needs for further supports from NOMAFSI, DARD and FAO
- iii. Report on the status of rice seed production and supply in Yen Bai province by Mrs. Vũ Thị Lưu, Yen Bai DARD
 - The needs for quality rice seeds in Yen Bai
 - The difficulties for Yen Bai to meet the needs
 - Proposed solutions for solving the difficulties
 - Commitments of Yen Bai to support Dai Phai to develop the model of community-based rice seed production and supply

Currently Yen Bai faces great problems in meeting the production requirements for quality rice seeds, a significant ratio of rice seeds used is with poor quality.

- iv.** Presentation by Mrs. Pham Thi Sen, NOMAFSI “Community-based rice seed production and supply: an effective option to meet the production requirements of quality rice seeds”
- The needs for a community-based rice seed production and supply system: a significant ratio of rice seeds used in the production is produced by farmers. Currently the quality of seeds produced by farmers is not controlled, and farmers have not received supports to produce quality seeds.
 - The feasibility of an effectively and sustainably functioning community-based rice seed production and supply system:
 - + Farmers have traditional practice in rice seed production
 - + The encouraging achievements obtained from 2007
 - + Some farmers rice seed production groups have been formed and can produce quality rice seeds.
 - There are problems to be solved:
 - + Origination structure and operational regulations of farmers groups
 - + Linkage between farmers – scientists – decision makers - formal seed sectors (rice seed traders)
 - + Quality control and certification of rice seeds produced by farmers groups
 - + Policy supporting consumption/trade of rice seeds produced by farmers groups
- v.** Speak by Mr. Trần Thế Hùng, Secretary of Van Yen district party committee
- Dai Phac commune need to sustain the activities after the project’s end. The district will supports as much as possible.
 - We need supports from NOMAFSI, DARD, FAO and CDP to get Chiem Huong variety registered in the list of rice varieties approved by CDP for large scale production and trade.
- vi.** Report by Mr. Nguyen Tung Nguyen on the Dai Phac Rice Seed Group development and functioning from 2007
- The constant supports from NOMAFSI and FAO
 - The technical assistance from DARD
 - The supports from the authorities
 - The active participation of farmers
 - Success: produced quality seeds of Chiem Huong variety in the total area of 3.7 ha; sold some tens of tons to Yen Bai Crop Seed Center for supply in the location, contributed to the conservation, recovery and development of Chiem Huong variety.
 - Problems: more supports is required for selling the seeds produced; more supports for improving management capacity of the group; it is necessary for registration of Chiem Huong variety.
 - The commune people's committee strongly supports the group and will oversee the group's faction. The commune will re-allocated lands for the group to have appropriate lands area for rice seed production.

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- vii.** Speak by Mr. Ngô Văn Tĩnh, Head of the Dai Phac farmers rice seed group
- All the group’s members are well committed. The group need supports for the following:
 - o To build rice seed drying and storage facilities
 - o To improve capacity, both in technical and managerial aspects
 - o To access good source of foundation seeds of pureline rice varieties
 - o To sell rice seeds produced
 - For better benefits of farmers members and also of the province and district and communes, it is necessary to get Chiem Huong variety registered in the list of rice varieties approved by CDP for large scale production and trade.
- viii.** Speck by Mr. Đỗ Thanh Bình, vice director of Yen Bai Crop Seed Center
- The Center will help Dai Phac farmers group to get certification and consumption of rice seeds
- ix.** Speak by Mrs. Thuỷ, Lao Cai DARD
- There are needs for community-based rice seed production and supply system to help solve the problems facing the production in term of seed quality and timely supply. The followings are necessary to be solved/considered:
- Developed linkages between stakeholders
 - Developed good regulations of the farmers’ groups
 - Supportive policies
- x.** Speak by the Mrs. Bùi Thị Thái, the consultant
- It is necessary to develop linkage with seed companies and centers for rice seed consumption
 - The farmers groups need to keep promises and commitments and to follow the clauses in contracts singed with seed companies or centers. The groups need to show their professional.
 - The regulations of farmers groups need to be clear and cover all the aspects (production, sharing benefits, managing...)
- xi.** Speak by Mr. Nguyễn Quốc Mạnh, CDP
- MARD is developing policy on crop pattern changes which include also article promoting on-farm. This will help facilitate developing community-based rice seed production and supply
 - Dai Phac model is a good example
 - Experiences and lessons learnt are useful for further activities and efforts
 - DCP is willing to support Dai Phac and other farmers groups
 - DCP is willing to support Yen Bai DARD to apply for Chiem Huong variety to be registered in the list of rice varieties approved by CDP for large scale production and trade.
- xii.** Conclusions by Dr. Lê Quốc Doanh, director NOMAFSI
- Obvious and urgent needs for a community-based rice seed production and supply system

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- All participants expressed commitments to support Dai Phac to build an effectively functioning model. After this session, meetings with Dai Phac farmers group and relevant people will be organized to develop detailed action plan for implementation of the project's activities.
- It can be included in the local proposal for building new rural commune of Dai Phac some activities supporting farmers rice seed group to develop its structure and capacity
- With NOMAFSI and DCP supports, Yen Bai DARD will prepare necessary documents and proceed for application for Chiem Huong variety to be registered in the list of rice varieties approved by CDP for large scale production and trade
- The project will implement activities for developing linkages, especially between Dai Phac and Yen Bai Crop Seed Center for certification and selling of the group's produced seeds
- NOMAFSI and DARD will continue provide supports to Dai Phac

Annex 2: Minute of meeting for finalization of action plan and regulations of the Dai Phac Farmer Rice Seed Group

The workshop was held in October 5, 2011. Participants included representatives from:

- Representative from Dai Phac commune Party's Committee (Mr. Hoang Trung Kien)
- Representative from Dai Phac commune People's Committee (Mr. Hoang Van Hai, Vice Head)
- Representative from Yen Bai DARD (Mrs. Vu Thi Luu - Head of the Unit of Agriculture)
- Consultant (Mrs. Bui Thi Thai)
- Representative from NOMAFSI (the project's team members: Nguyen Phuc Chung)
- All 20 existing members of Dai Phac Rice Seed Group (see the list below)

The objective was to finalize the action plan and regulations of the Dai Phac Rice Seed Production Group. Main discussions points and conclusions:

- **Name of the group:** Dai Phac Rice Seed group of Dai Phac commune, Van Yen district, Yen Bai province
- **Objective of the group:** to produce and supply quality seeds of pureline rice varieties appropriate for local growth conditions to meet the local production requirements; to develop quality rice production area in Dai Phac commune;
- **Operational principles of the group:** members join the group with willingness; the group's product is quality rice seeds; group is managed in accordance to the democratic principles, all members are equal and have rights to inspect/oversee the group's activities; group is in charge of and have right to make discussions on production and trading activities and sharing of benefits; equal and fair benefit sharing is required.
- **Members of the group:** The group at the moment consists of 20 members (see the list below). All agreed that it can be extended and have at the most 40 members. To be member, households need to meet appropriate conditions, such as land areas, labor and financial sources, education level and so on.
- **Assets of the group:** contributed by the members: each member contributes to the group's fund an amount of VND 100.000, and each crop season an amount equaling to 5 kg of rice for each 360 m² of rice seed production; accumulated fund of the group from activities' profits; supports from different sources
- **Assets to be used for:** the group's management and administrative cost (meetings, communications, supports members to implement activities...)
- **Book keeping and financial management:** clear, transparency. All members have rights to check and inspect whenever necessary and appropriate
- **Rights of members:** equally right to contribute to all decision making and planning process, to be trained in relevant aspects and participate in all capacity building activities, to be supported in implementing relevant activities, to benefit from the group's activities in accordance to the contribution, cease to be member with informing letter to the group.
- **Responsibility of members:** to follow the group's regulations, develop and sustain the collaboration within the group, actively participate in the group's activities..

- **Expelling of members:** The members who violate the group's regulations or cause damage to the group will be expelled
- **The managing unit:** consisting of 2 people who have are not relative to one another: head of the group, vice head. One member will be in charge of bookkeeping
- **The regulations:** The group will first try to solve the conflict. When the group fail to solve the commune will be involved to solve, and if the commune can not, issues can be subjected to law for solving.
- **Other items:** Members with great contribution to the group's activities will be rewarded accordingly, and vice versa those cause damage to the group will be fined.

2. The participants actively discussed and agreed upon the action plan of Dai Phac Farmer Rice Seed Group

a/ Extension of the group: More households, at the most 20, will be accepted as the members of the group. These households need to meet the requirements as defined above.

b/ Production of rice seeds: In 2011 - 2012 the group will produce rice seed in the total land area of 5 ha. It intends to double the area from 2013 so that for the long-term the land area for the group to produce rice seeds will be 10 ha. The rice yield is aimed at 6.5 t/ha, of which 80% will be certified as certified seeds. The rice varieties: Chiem Huong (4 ha) and T10 (1 ha)

c/ Selling of rice seeds: In 2011 - 2012, each year the group intends to sell 20 tones of certified rice seeds produced by the group through contracts with formal seed companies/centers

d/ Trade of rice for foods: In 2011 - 2012, the group will trade 40 tones of rice from Chiem Huong variety produced in Van Yen district using rice seeds produced by the group as high quality rice. For this, the group will perform necessary activities to help farmers in Dai Phac produce quality rice of Chiem Huong (provision of quality certified seeds, technical assistance and so on.)

d/ Provision of extension service to the group's members

- The group will purchase production inputs (fertilizers and chemicals) on the requests of members
- The group will organize plucking of rice for the members
- The group will provide foundation seeds of HT10 and Chiem Huong varieties as required to the members
- Organize trainings for members as needed
- Organize trainings in management skills for the managing units as needed
- Organize trainings in bookkeeping for members

3. Election of the group's leaders:

The following people were selected by all the group's members as the members of the group's managing unit:

1/ Mr. Ngo Van Tinh: Group's Head

2/ Mr. Tran Sinh Hung: Group's Vice Head

3/ Ms. Tran thi Hoa was appointed as the group's accountant

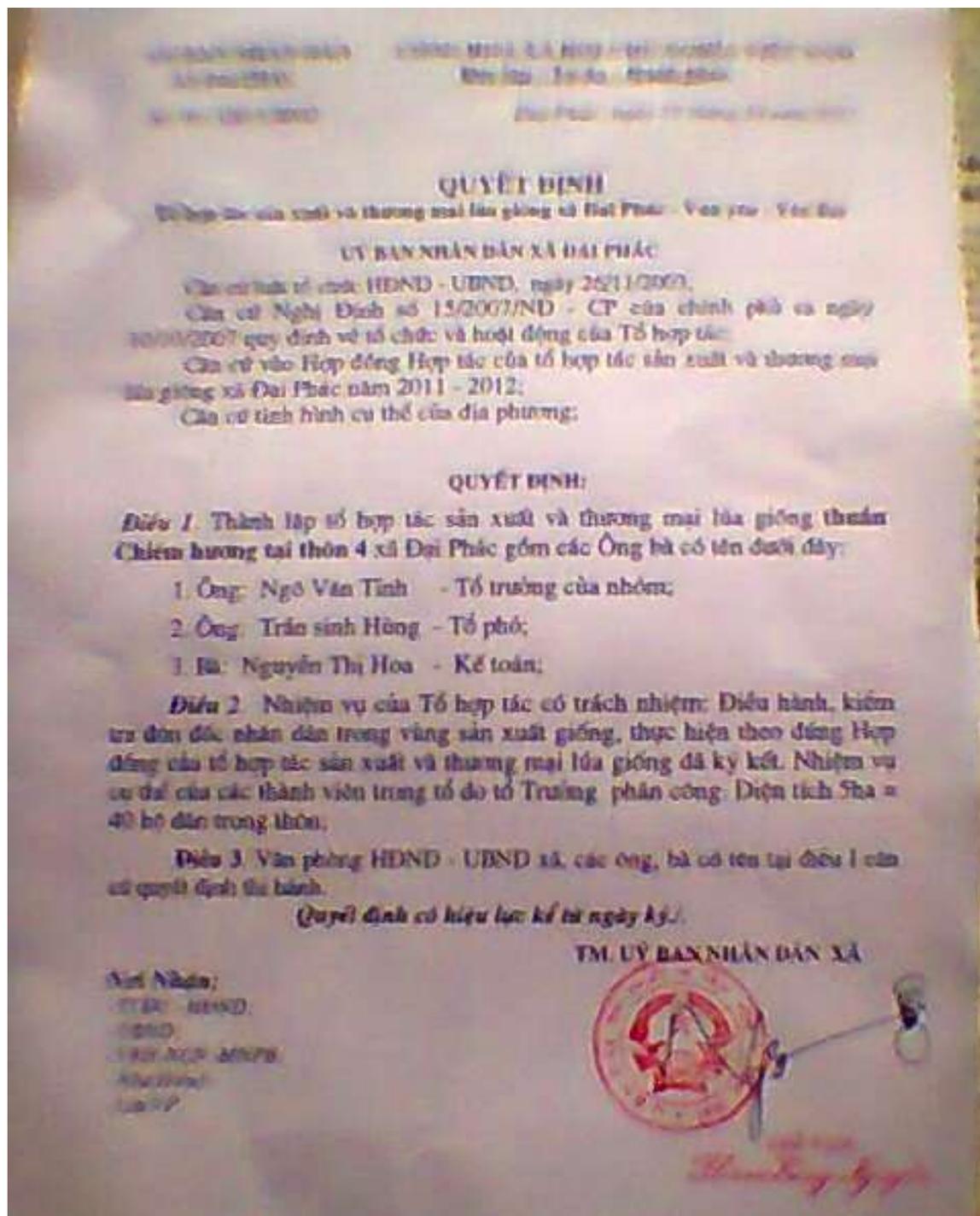
4. Conclusions

- The group leaders will submit to the Dai Phac Commune's People's Committee for official approval by the Committee the formation of the group's with its regulations as above mentioned and agreed at this meeting by all the participants.
- The group's managing units will be responsible for leading the group to implement the action plans agreed upon at this meeting by all the participants.
- All group's members will actively collaborate for the successful function of the group in the interest of all.

List of the Dai Phac Rice Seed Group

	Name	Address	Position in the group
1	Trần Thị Điển	Thôn 4, Đại Phác	Member
2	Lương Văn Ninh	Thôn 4, Đại Phác	Member
3	Ngô Văn Dũng	Thôn 4, Đại Phác	Member
4	Vũ Thị Nguyệt	Thôn 4, Đại Phác	Member
5	Đỗ Văn Hùng	Thôn 4, Đại Phác	Member
6	Trần Văn Khải	Thôn 4, Đại Phác	Member
7	Ngô Thị Mơ	Thôn 4, Đại Phác	Member
8	Đinh Hữu Ân	Thôn 4, Đại Phác	Member
9	Đoàn Văn Nghệ	Thôn 4, Đại Phác	Member
10	Phạm Thị Ngát	Thôn 4, Đại Phác	Member
11	Đỗ Thị Nhị	Thôn 4, Đại Phác	Member
12	Đinh Thị Lựu	Thôn 4, Đại Phác	Member
13	Đỗ Văn Tính	Thôn 4, Đại Phác	Member
14	Phạm Thị Hậu	Thôn 4, Đại Phác	Member
15	Lương Văn Cường	Thôn 4, Đại Phác	Member
16	Phạm Thị Giang	Thôn 4, Đại Phác	Member
17	Trần Văn Ngợi	Thôn 4, Đại Phác	Member
18	Ngô Văn Tĩnh	Thôn 4, Đại Phác	Head
19	Trần Sinh Hùng	Thôn 4, Đại Phác	Vice Head
20	Trần Thị Hoa	Thôn 4, Đại Phác	Accountant

Annex 3: Copy of the decision to found the Dai Phac Farmer Rice Seed Group by the Dai Phac Commune's People's Committee (Decision Nr. 96 of 10 October 2011)



Annex 4: Minute of the meeting for developing linkage and finalization of the contract with Yen Bai Crop Seed Center

- **Meeting time:** 20 June, 2011
- **Participant:**
 - Mr. Nguyen Van Hai, Vice Chairperson of Dai Phac commune People's
 - Mr. Hoang Trung Kien, Vice Chairperson of Dai Phac Commune's party Committee
 - Mr. Tran Tuan Anh, staff from Yen Bai DARD
 - Mrs. Nguyen Phuc Chung, Ms. Nguyen Thi Thuy from NOMAFSI project's team
 - Ms. Bui Thi Thai, the consultant
 - Mr. Ngo Van Tinh, Head of Dai Phac Rice Seed Group
 - Mr. Tran Sinh Hung, Vice Head of Dai Phac Rice Seed Group
 - Ms. Tran Thi Hoa, Accountant of Dai Phac Rice Seed Group
 - Four members of Dai Phac Rice Seed Group (Mr. Tran Thi Dien, Mr. Luong Van Ninh, Mr. Do Van Hung, Mrs. Ngo Thi Mo)
- **Meeting objective of the meeting was to** develop linkages between the Dai Phac Rice Seed Group and the Yen Bai Crop Seed Center toward sustainable and effectively functioning of the group.
- **Main discussions points and conclusions:**
 - 1/ All the participants visited fields for rice seed production of the group and discussed about the conditions of the field. It was agreed that the fields met the conditions for certified rice seed production.
 - 2/ All the participants talked about the capacity of the 20 members of Dai Phac Rice Seed Groups and agreed that they are capable to produce certified seeds of pureline rice varieties
 - 3/ All the participants talked about the potentials for the group to sustain the productions activities and agreed that there are great potentials for the group to develop further its activities in larger land area.
 - 4/ All the participants talked about the potentials for developing linkage with other stake holders and the followings confirmed:
 - DARD representative: confirmed on its commitment to continue supporting the groups in term of technical aspects (additional trainings and extension services)
 - NOMAFSI confirmed to continue to provide supports whenever required, including also provision of foundation or breeder seeds of promising pureline rice varieties, trainings and consultancy
 - Dai Phac People's Committee committed to facilitate the group's function in all aspects possible: policy, land allocation, etc.
 - 5/ The participants talked about the selling of the rice seeds produced by the group - one of the main issues which can promote or hinder the group's function - and came to an agreement that in order to assist the group to sell its produced rice seeds, at the present and coming years the Yen Bai Crop Seed Center will have to assist the group to get certification for the group's produced rice seeds and to sell them.
 - 6/ All discussed about the contract between the Yen Bai Crop Seed Center and Dai Phai Rice Seed Group, and followings are the main points made:
 - The Center will provide the Group with foundation seeds of Chiem Huong variety and of other varieties as required by the production

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- The Center will help the Group to get certification for the group's produced seeds in accordance to requirements of MARD
- The Group will buy quality rice seeds produced by the Group using the foundation seeds provided by the Center in the defined land area allocated for the Group.
- The price of rice seeds is equal to the market price at the purchase time

- Conclusion:

For the 2011 a contract between the Group and Yen Bai Crop Seed Center will be signed on the basis of the present meeting's points for:

- Provision of the group's with foundation rice seeds
- Assisting the group to get certification of the certified rice seed produced
- Purchase and distribution of rice seeds produced by the Group.

In long-term, the group will have better capacity and its can develop linkage also with other official seed companies or centers.

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Annex 5: Copy of the contract with Yen Bai Crop Seed Center

HỢP ĐỒNG MUA BÓN

Số Hợp đồng: HTX/HTX/2011/000030

Ngày ký: 20 tháng 06 năm 2011

BÊN A: KTX NÔNG LÂM NGHIỆP DỊCH VỤ TỔNG HỢP XÃ ĐẠI PHƯỚC - HUYỆN VĂN YÊN

1. Ông: **NGŨ VĂN TÍNH** Chức vụ: Chủ nhiệm HTX dịch vụ nông lâm nghiệp tổng hợp địa phương

Địa chỉ: Xã Đại Phước - huyện Văn Yên - Tỉnh Yên Bái.
Điện thoại: 0977.821.143

BÊN B: TRUNG TÂM GIỐNG CÂY TRỒNG YÊN BÁI

1. Ông: **NGUYỄN ĐẠI HẢI** Chức vụ: Giám đốc lâm địa điền

Địa chỉ: Phường Minh Tân - Thành phố Yên Bái - Tỉnh Yên Bái
Điện thoại: 029.3852.533 Fax: 029.3850.533
TK: 870011000030 Tại ngân hàng Nông nghiệp và Phát triển Nông thôn - Tỉnh Yên Bái
Mã số thuế: 5200117854-1

Sau khi bên mua đồng nhất mua bên thỏa thuận ký hợp đồng với các điều khoản sau:

Hàng 1: Bón B bón cho bên A giống Lúa Hương Chiêm (Nguyễn chủng) vụ Mùa 2011, cụ thể như sau:

ST	TÊN HÀNG	ĐVT	SỐ LƯỢNG	ĐƠN GIÁ (đồng)	TRANG TRỊ (đồng)
1	Giống Lúa Hương Chiêm (Nguyễn chủng)	Kg	160	20.000	3.200.000
	Cộng		160		3.200.000

Số tiền ghi bằng chữ: (Ba triệu hai trăm nghìn đồng chẵn.)

Điều 3: Chất lượng quy cách hàng mua:

3.1. Chất lượng giống theo tiêu chuẩn: Nhà nước quy định.

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