

Establishing sustainable solutions to cassava diseases in mainland Southeast Asia

Status of cassava disease in Laos



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Activity: Develop and deploy diagnostic protocol, tools and information platforms fit for purpose in monitoring, surveillance, and certification application

- ☐ 1. Video training and protocol for field sampling: Whiteflies,**
- ☐ Cassava Mosaic Disease (CMD) and Cassava Witches'**
- ☐ Broom Disease (CWBD)**
- 2. Video training and protocol for field sampling: Whiteflies,**
- ☐ Cassava Mosaic Disease (CMD) and Cassava Witches'**
- ☐ Broom Disease (CWBD)**

Design and implementation regional surveillance in Laos

- ❑ 1. Selected 10 provinces where grow cassava in Laos:**
 - ❑ Vientiane, Xaiyaboury, LaoungNamTha, Borlikhamxay,**
 - ❑ Xiengkouang, Xaisomboun, Champasak, Salavane, Sekong**
 - ❑ and Attapue Province.**
- ❑ 2. Selected the area where are risk for CMD and CWBD**
 - ❑ (Border between Thailand, Vietnam, Cambodia and China)**
- ❑ 3. Selected companies field who was imported cassava planting**
 - ❑ material in 2018 and 2019**
- ❑ 4. Poster presentation to farmers to detection CMD fields**

☐ PPC conducted survey in 4 Districts in Salavan Province, 1 District in Sekong Province, 5 District in Champasack Province, 5 Districts Borlikhamsai Province, 1 District in Attapeu Province, 3 District in Vientiane Province, 1 District in Khanmoun Province, 1 District in Xiengkoung Province, 2 Districts in Xaisomboun Province, 3 Districts in Xaiyabouly Province and 1 District in Loang NamTha Province including 70 fields that follow the protocol and collected 60 samples for CMD, CWBD and collected whiteflies and 113 fields are observation.



Interview and educate of CMD to farmers





Cassava survey map

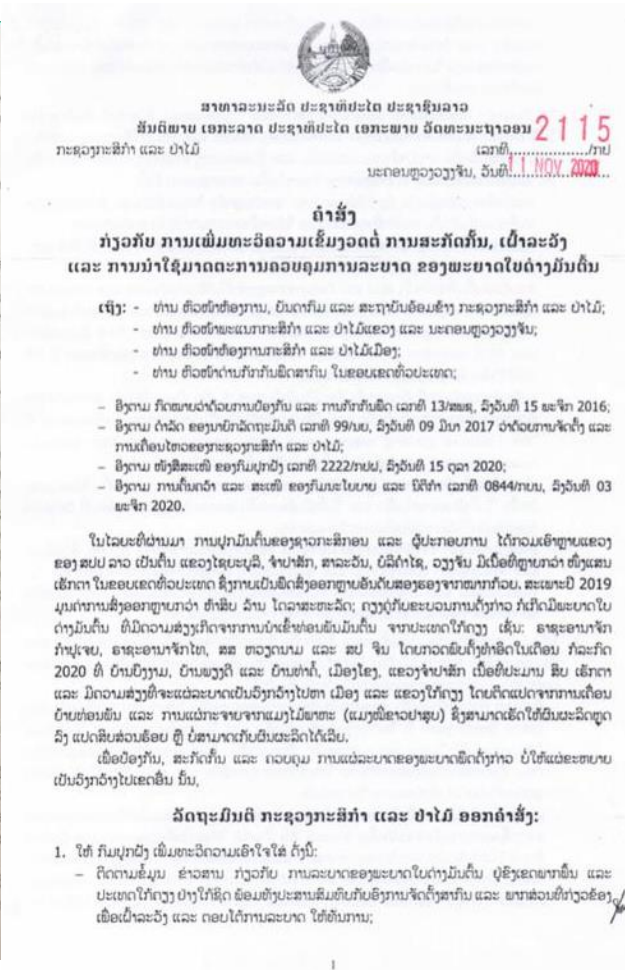
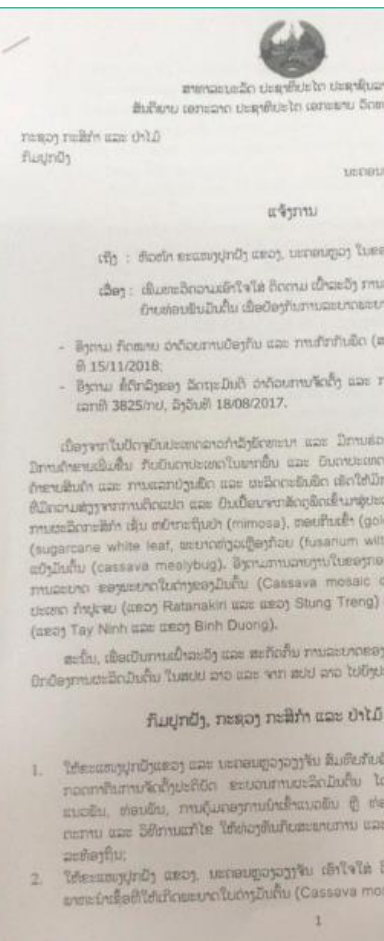


- ❑ **1. Cassava leaf samples sent to CIAT Colombia to confirm**
- ❑ **2. Cassava leaf samples diagnosis in Plant Protection Center**
- ❑ **3. Whiteflies samples sent to CIAT Colombia to confirm**

- ❑ PPC prepared of CMD posters, brochure of CMD and
- ❑ training to DAFO and PAFO and farmers



Discussion for regulation of CMD management



Discussion with FAFO and DAFO and farmer for eradication



Eradication in framer fileds



Share CMD information with PAFO and DAFO



Thank you very much

