

EAPVPF

**EAST ASIA PLANT VARIETY PROTECTION FORUM
TRAINING COURSE FOR DUS TEST OF CORN**

REPORT

Prepared by the Organizers of the Course

INTRODUCTION

1. From 1st to 4th August 2016, A training course for the implementation of DUS Test for Corn was held in Baria Station, Southern National Center for Plant Testing of Vietnam. The course was organized by the cooperation between Plant Variety Protection Office of Vietnam (PVPO), East Asia Plant Variety Protection Forum Office (EAPVF) and International Union for the Protection of new Varieties of Plants (UPOV).
2. The Course was organized in Baria Station, Southern National Center for Plant Testing located in Baria Province, 90 km from Hochiminh City. The detail agenda of the course is in ANNEX 1.
3. The Participants are from Lao PDR, Malaysia, Myanmar, Japan, Vietnam and UPOV Office, (List of Participants is in ANNEX 2).

THE PROCESS OF TRAINING COURSE



1. In the afternoon 31st July, the Lecturers from UPOV, Japan and Vietnam went to Baria

directly from Airport to check conditions for the course just after arriving Hochiminh City. Furthermore, they made arrangement for practical works of selecting characteristics to be used for practice.

2. On the 1st August 2016 – Lectures started in the Meeting room of Baria Station, Southern National Center for Plant Testing (SNCPT), Baria province.

- 9.00 - Mr Nguyen Quoc Ly, Director of SNCPT welcomed all participants and gave Opening Speech for the training course. He emphasized on the importance of DUS Test in the Plant Variety Protection and introduced the progress of the SNCPT has achieved recent years with the assistance of the Government of Japan through JICA project and other Members of UPOV.

- From 09.15-10.00: The content of UPOV system and merit of UPOV Member were introduced by Mr Jun Koide from UPOV Office.

- The breeding and production of Corn in Lao PDR (ANNEX 3), Malaysia (ANNEX 4), Myanmar (ANNEX 5), Vietnam (ANNEX 6) and Japan (ANNEX 7) were introduced by the representative from each country with new information on this issue.

- During 2 days from 1st to 2nd August, all presentations concerning the implementation of DUS Test of Corn were presented by the Experts from Japan and Vietnam including:

- Procedures for PVP in Vietnam (ANNEX 8);

- DUS Testing system in Vietnam (ANNEX 9);

- General Introduction to DUS (ANNEX 10);

- Role of DUS Test and functional characteristics (ANNEX 11);

- DUS Test of Corn in Japan (ANNEX 12);

- Introduction for Test Guidelines and Test report of Corn (ANNEX 13);

- Planning and Procedure for DUS Test of Corn and Introduction of Manual of Corn (ANNEX 14);

- How to take photo (ANNEX15);

- Selecting characteristics for practical and method to take sample for observation and measurement (ANNEX 16);

- Introduction of Database for the data of DUS Test (ANNEX17).

- In one and a half day (3rd and morning of 4th), participants in the course were divided into 3 groups for practical. Some main characteristics selected by Lecturer were observed or measured by participants. The final report was prepared by each group and the report was presented by the representative of each group.

LECTURES IN MEETING ROOM



PRACTICE FOR OBSERVE/MEASURE OF CHARACSTICS



MAKING REPORT



PRESENTATION OF FINAL REPORT BY GROUPS



GRANTING CERTIFICATES



ANNEX 1 - AGENDA FOR THE COURSE OF DUS TEST OF CORN

Location: Baria Station, National Center for Testing of Plant Variety and Crop's Products in the South (Hochiminh City)

Time: From 1st August 2016 to 4th August 2016

Participants: From countries in region which want to establish National PVP system

Purpose: 1. Basic knowledge on the way how to conduct DUS Test for Corn;

2. Mutual understanding between different countries in region for the cooperation on PVP in future.

| Time | Content | Presentator |
|-------------------------------|--|----------------------|
| 1st August. | | |
| 09.00-09.15 | Opening speech to the participants | Mr. Nguyen Quoc Ly |
| 09.15-10.00 | UPOV system and merit of UPOV Member | Mr. Jun Koide |
| 10.00-10.30 | Country Report | Participants |
| 10.30-11.00 | Break Coffee and taking photo | All participants |
| 11.00-11.30 | Procedure for PVP in Vietnam | Ms.Cam Thi Hang |
| 11.30-12.00 | DUS Testing System in Vietnam | Ms.Nguyen Thi Mai Ha |
| 12.00-13.30 | Lunch time | |
| 13.30-14.00 | General Introduction to DUS | Dr.Nguyen Thanh Minh |
| 14.00-14.40 | Role of DUS Test and functional characteristics | Mr. Mizuno Tadao |
| 14.40-15.00 | DUS Test of Corn in Japan | Mr.Imamura Kohei |
| 15.00-15.30 | Break Coffee | |
| 15.30-16.00 | Introduction for Test Guidelines and Test report | Ms.Nguyen Thi Mai Ha |
| 16.00-16.30 | of Corn Planning and procedure for DUS Test of | Ms. Le Thi Tuyet Nga |
| 16.30-17.00 | Corn | Nguyen Thi Mai Ha |
| 17.00-17.30 | Introduction of Manual of Corn | |
| | Discussion among participants in the course. | |
| | Discussion (Q&A) | |

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| <p>2nd August.</p> <p>09.00-09.30</p> <p>9.30-10.00</p> <p>10.00-10.45</p> <p>10.45-11.00</p> <p>11.00-12.00</p> <p>12.00-13.30</p> <p>13.30-17.00</p> | <p>How to take photo</p> <p>Introduction of Database for the data of DUS Test</p> <p>Selecting characteristics for practical and method to take sample for observation and measurement.</p> <p>Break Coffee</p> <p>Discussion (Q&A)</p> <p>Lunch</p> <p>Go to the field to observe some characteristics and taking sample for observation in the room.</p> <p>Observation of some characteristics (for characteristics can observe in the field); Taking sample from the field for practical (for characteristics can observe/measure in the room)</p> <p>Practice on the observation of selected characteristics by Groups</p> | <p>Mr.Imamura Kohei</p> <p>Ms.Nguyen Thi Mai Ha / Ms. Le Thi Tuyet Nga</p> <p>Mr. Mizuno / Ms.Nguyen Thi Mai Ha</p> <p>All participants and presenters</p> |
| <p>3rd August.</p> <p>All days</p> | <p>Go to the field to observe some characteristics and taking sample for observation in the room.</p> <p>Observation of some characteristics (for characteristics can observe in the field); Taking sample from the field for practical (for characteristics can observe/measure in the room)</p> <p>Practice on the observation of selected characteristics by Groups</p> <p>*Practice on taking photo for some characteristics by Groups</p> <p>Making DUS Test Report</p> | <p>All participants and presenters</p> <p>*Mr.Imamura Kohei</p> |
| <p>4th August.</p> <p>9.00-11.00</p> <p>11.00-12.00</p> <p>12.00-13.00</p> | <p>Presentation of final report by groups</p> <p>Discussion among participants in the course.</p> <p>Discussion (Q&A)</p> <p>Lunch</p> | <p>All participants and presenters</p> |

ANNEX 2 – LIST OF PARTICIPANTS

LAO PEOPLE'S DEMOCRATIC REPUBLIC

1. Mr. Bounlammai Maly, Officer of PVP Division, Department of Intellectual Property, Ministry of Science and Technology, boumlammai@yahoo.com
2. Mr. Khamphut Phengmuang Khoun, Vice Director of PVP Division Department of Intellectual Property, Ministry of Science and Technology, khamphut@yahoo.com
3. Mr. Phomma Souliyasith, Head of Agriculture Input management Section, Agronomy Management Division, Department of Agriculture, phommass@yahoo.com

MALAYSIA

4. Mr. Muhammad Nuradib Mazlan, Assistant Director, Crop Quality Control Division; Department of Agriculture, nuradib.gov@gmail.com

MYANMAR

5. Ms. Phyu Phwe, Research Technician, Department of Agricultural Research (DAR), phyuphawe.pp021@gmail.com

JAPAN

6. Mr. Tadao Mizuno, Former Chief Examiner, Plant Variety Protection Office, Ministry of Agriculture, Forestry and Fisheries Japan, tadao.mizuno@gmail.com
7. Mr. Kohei Imamura, Senior Staff, DUS Test Section, Center for Seeds and Seedlings, NARO (NCSS), kohei@ncss.go.jp
8. Mr. Akihiko Udoguchi, Senior Technical Manager, JATAFF, udoguchi@jataff.jp

UPOV OFFICE

9. Mr. Jun KOIDE, Technical/Regional Officer, UPOV jun.koide@upov.int

SOCIALIST REPUBLIC OF VIETNAM

10. Mr. Nguyen Thanh Minh, Director, Plant Variety Protection Division, Department of Crop Production, Ministry of Agriculture and Rural Development, Socialist Republic of Vietnam, minh_pvp@yahoo.com / minhnt.nn@mard.gov.vn

11. Ms. Cam Thi Hang, Officer/Examiner, Plant Variety Protection Division, Department of Crop Production, Ministry of Agriculture and Rural Development, Socialist Republic of Vietnam, camhang.mard.vn@gmail.com
- 12 Mr. Nguyen Quoc Ly, Director of Southern National Center for Plant Testing, Department of Crop Production, Ministry of Agriculture and Rural Development, lynguyen39@hotmail.com
13. Ms Nguyen Thi Mai Ha, Vice Head of DUS Division, National Center for Plant Testing (NCPT), Department of Crop Production (DCP), Ministry of Agriculture and Rural Development (MARD, hakn2006@gmail.com).
14. Mr. Pham Thai Hoa, Technical Staff, National Center For Plant Testing - DCP, MARD, phamhoa135apasteur@yahoo.com
15. Mr. Phan Van Son, Technical Staff, National Center For Plant Testing - DCP, MARD, phanson79@gmail.com
16. Mr. Vo Quoc Khoi, Technical Staff, National Center For Plant Testing - DCP, MARD, quockhoidcx@gmail.com
17. Mr. Le Thi Tuyet Nga, Head of Baria Station, Southern Center Plant Testing - DCP, MARD, tuyet_nga178@yahoo.com
18. Mr. Duong Tat Dao, Southern Center Plant Testing - DCP, MARD
19. Mr. Truong Quoc Viet, Southern Center Plant Testing - DCP, MARD, quocviet.today@gmail.com
20. Ms Truong Thi Phuong Lan, Quality management Manager, Syngenta Company, thi_phuong_lam_truong@syngenta.com
21. Mr. Phan Tan Hao, Field quality supervisor, Syngenta Company, tan_hao.pham@syngenta.com
22. Mr. Nguyen Duc Thien, Field quality supervisor, Syngenta Company, duc_thien_nguyen@syngenta.com
23. Mr. Nguyen Thanh Phuc, Agronomy manager, Vietnam Pioneer Ltd. Co, phucnguyenthanh@pioneer.com
24. Ms Nguyen Thanh Tuyen, Technical staff, Loc Troi Group, tuyennguyenagpps@gmail.com
25. Mr. Nguyen Ha Hai, Technical staff, Bioseed Company Ltd, hainguyen@bioseed.com
26. Mr Nguyen Duc Thinh, Technical staff, Bioseed Company Ltd, thinh.nguyen@bioseed.com