

Appendix i. List of Presentation & Publications

6.1 Malaysia

Rusli Ibrahim, Norazlina Noordin and Edrina Azlan (2006). In Vitro Mutagenesis using Gamma Rays: Improvement of Banana for Fusarium wilt Resistance and High Fruit Quality through Mutation Induction: Presented at Forum for Nuclear Cooperation in Asia (FNCA) Sub-Project Meeting on Disease Resistance in Banana, Philippine Nuclear Research Institute (PNRI) and University of Philippines Los Banos (UPLB), Philippines 25-28 July, 2006

Rusli Ibrahim, Norazlina Noordin and Edrina Azlan (2006). Progress Report on In Vitro Mutagenesis using Gamma Rays: Improvement of Banana for Fusarium wilt Resistance and High Fruit Quality through Mutation Induction: Presented at FNCA Mutation Breeding Workshop, Takasaki, Japan, September 11 - 15, 2006

Rusli Ibrahim, Norazlina Noordin and Edrina Azlan (2007). Preliminary screening for Fusarium wilt resistance disease: Improvement of Banana for Fusarium wilt Resistance and High Fruit Quality through Mutation Induction: Presented at FNCA Mutation Breeding Workshop, Korea Atomic Energy Research Institute (KAERI), Daejeon City, Korea, November 19 - 23, 2007.

Rusli Ibrahim and Norazlina Noordin (2008). Country Report: Improvement of Banana for Fusarium wilt Resistance and High Fruit Quality through Mutation Induction. Presented at FNCA Mutation Breeding Sub-Project Meeting on Disease Resistance in Banana, Kuala Lumpur, Malaysia, 30 June -3 July 2008

Rusli Ibrahim, Norazlina Noordin and Azhar Mohamad (2008). Final Report on Sub-Project on Disease Resistance in Banana: Improvement of Banana for Fusarium wilt Resistance and High Fruit Quality through Mutation Induction. Presented at FNCA 2008 Workshop on Mutation Breeding, Dalat City, Viet Nam, October 27 - 31, 2008.

Rusli Ibrahim, Norazlina Noordin and Siti Maryam Mohd Nahar (2009). Field Trial and Selection for Fusarium wilt Tolerance Mutants: Improvement of Banana for Fusarium wilt Resistance and High Fruit Quality through Mutation Induction: Presented at FNCA 2009 Workshop on Mutation Breeding, Hangzhou, China, September 21 - 24, 2009

Rusli Ibrahim, Norazlina Noordin and Siti Maryam Mohd Nahar (2010). Final Report on Multi-Location yield Trial: Improvement of Banana for Fusarium wilt Resistance and High Fruit Quality through Mutation Induction. Presented at FNCA Collaboration Workshop on Mutation Breeding and Biofertilizer Project, Manila, The Philippines, November 8 - 12, 2010

Ibrahim, R. B., Noordin, N. B., Mijen, A. L., Mohamad, A. B., Harun, A. R. B., Hussein, S. B. (2010). Novel production systems for banana and pineapple through in vitro mutagenesis and biotechnology. Paper presented at the 28th International Horticultural Congress, Lisbon, Portugal, 22 - 27 August 2010.

6.2 The Philippines

Damasco, Olivia P., Teodora O. Dizon, Fe M. Dela Cuevas, Ma Luz J. Sison, Felipe S. dela Cruz, Charlemagne Alexander Lim. 2010. Multi-line approach in controlling the spread of banana bunchy top disease of the banana cultivar lakatan. Poster presented 41st PMCP Anniversary and Annual Scientific Conference. Waterfront Insular Hotel, Davao City, March 9-12, 2010.

Damasco, Olivia P. Fe M. Dela Cueva, Ma. Luz J. Sison, Teodora O. Dizon, Felipe S. Dela Cruz, Jr., and Charlemagne Alexander P. Lim. 2010. Development Of Disease Resistance In Banana (*Musa Sp.*) Cv. Lakatan By Mutation Breeding: Multi-location Field Evaluation and Characterization of *Banana Bunchy Top Virus* (BBTV)-Resistant Mutant Lines. Paper presented 11th Forum for Nuclear Cooperation in Asia (FNCA) Coordinators Meeting. March 11-12, 2010, Tokyo, Japan

Damasco, Olivia P., Teodora O. Dizon, Felipe S. Dela Cruz, Jr, Fe M. Dela Cueva, Ma. Luz J. Sison and Ryan Rodrigo P. Tayobong. 2008. Development of disease resistance in banana (*musa sp.*) by mutation breeding: screening for disease resistance (*banana bunchy top virus* (BBTV) and nematode) in gamma ray irradiated plants of banana (*musa sp.*) cv. Lakatan. Country report presented Forum for Nuclear Cooperation in Asia (FNCA) Meeting on Disease Resistance in Banana The Melia, Kuala Lumpur, Malaysia, June 30 – July 3, 2008.

Damasco, Olivia P., Teodora O. Dizon, Judith B. Estrella, Leila S. Caymo, Efreto Jay M. Guittap, Felipe S. Dela Cruz, Jr. and Evelyn Mae T. Mendoza. 2007. Selection and characterization of gamma ray induced bunchy top virus resistant mutants in banana cv. Lakatan. *Plant Mutation Reports* 1(3):22-30.

- Damasco, Olivia P., Judith B. Estrella, Leila S. Caymo, Teodora O. Dizon, Ruel C. Rabara, Felipe S. Dela Cruz, Jr. and Evelyn Mae T. Mendoza. 2006 *Banana bunchy top virus* (BBTV) resistance in banana (*Musa* sp.) cv. Lakatan developed through gamma irradiation of shoot tips. 2006. Philipp. J Crop Sci. 31(3):21-34.
- Damasco, Olivia P., Judith B. Estrella, Leila S. Caymo, Teodora O. Dizon, Ruel C. Rabara, Felipe S. Dela Cruz, Jr. and Evelyn Mae T. Mendoza, 2006. Monitoring genetic stability for *banana bunchy top virus* resistance in selected mutant lines of banana cv lakatan. Philipp J Crop Sci 31(S1):45
- Damasco, Olivia P., Judith B. Estrella, Leila S. Caymo, Teodora O. Dizon, Ruel C. Rabara, Felipe S. Dela Cruz, Jr. and Evelyn Mae T. Mendoza. 2005. *Banana bunchy top virus* (BBTV) resistance in banana (*Musa* sp.) cv. Lakatan developed through gamma irradiation of shoot tips. Paper presented at the 18th Scientific Conference of the Federation of Crop Science Societies of the Philippines. Grand Caprice Convention Center, Lapanan, Cagayan de Oro City, Philippines, May 2-6, 2005. (Best paper) Phil J. of Crop Science 30(S1):11
- Damasco, Olivia P., Judith B. Estrella, Leila S. Caymo, Teodora O. Dizon, Ruel C. Rabara, Felipe S. Dela Cruz, Jr. and Evelyn Mae T. Mendoza. 2004. Development of disease resistance in bananas. Proceedings Forum for Nuclear Cooperation in Asia Mutation Breeding Workshop. Yogyakarta, Indonesia, August 30-September 3, 2004. Paper presented at the Forum for Nuclear Cooperation in Asia Mutation Breeding Workshop. Yogyakarta, Indonesia, August 30-September 3, 2004.

Appendix ii. History of FNCA Mutation Breeding Meetings

1. FNCA 2003 Mutation Breeding Project

Program Formulation Meeting for “Disease Resistance in Banana”

September 29 - 30, 2003, Manila, the Philippines

2. FNCA 2004 Workshop on Mutation Breeding Project

August 30 - September 3, 2004, Yogyakarta, Indonesia

3. FNCA 2005 Workshop on Mutation Breeding Project

December 5 - 9, 2005, Kuala Lumpur, Malaysia

4. FNCA 2006 Mutation Breeding Project

Sub-Project Meeting on Disease Resistance in Banana

July 25 - 28, 2006, Quezon, Philippines

5. FNCA 2006 Workshop on Mutation Breeding Project

September 11 - 15, 2006, Takasaki, Japan

6. FNCA 2007 Workshop on Mutation Breeding Project

November 19 - 23, 2007, Daejeon, Korea

7. FNCA 2008 Mutation Breeding Project

Sub-Project Meeting on Disease Resistance in Banana

June 30 - July 3, 2008, Kuala Lumpur, Malaysia

8. FNCA 2008 Workshop on Mutation Breeding Project

October 27 - 31, 2008, Dalat, Vietnam

9. FNCA 2009 Workshop on Mutation Breeding Project

September 21 - 24, 2009, Hangzhou, China

10. FNCA 2010 Workshops on Mutation Breeding Project and Biofertilizer Project

November 8 - 11, 2010, Manila, the Philippines

Appendix iii. List of Contributors

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