



CURRICULUM VITAE

I. PERSONAL INFORMATION

NAME : **JOCELYN A. EUSEBIO-EUSEBIO**

Nationality : Filipino

Residence : Executive PCARRD Housing # 1
Javier Heights
Los Banos 4030
Laguna, Philippines

Civil status/gender : Widow/female

Birth date: July 26, 1954

Position : Director, Crops Research Division

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Expertise : Research Management and Coordination,
Integrated Pest Management,
Formulation and Packaging of
Project Proposals in agricultural crop
commodities, Research Planning, Monitoring
and Evaluation of project proposals

II. EDUCATIONAL BACKGROUND

Ph.D. Majored in Entomology (Host Plant Resistance) with cognate in Plant Breeding on Vegetables and Agricultural Chemistry, 1992 at the University of the Philippines Los Banos, College, Laguna

M.S. in Entomology (Integrated Pest Management)/Horticulture (Postharvest), 1981 at the University of the Philippines Los Banos, College, Laguna

B.S. in Crop Protection, 1976 Central Luzon State University Muñoz, Nueva Ecija

III. WORK EXPERIENCE

A. Current duties and responsibilities as Director

- **Chief Science Research Specialist at the Crops Research Division (CRD), PCARRD**

1. Organizes and coordinates the various research and development activities in formulating, developing and packaging of the agricultural crop commodities (coconut, fruit crops, vegetables, ornamental and medicinal crops, sugarcane, abaca, cereals and legumes including biotechnology research and development programs in agriculture and natural resources;
2. Assists the Executive Director in establishing and providing support for the national network of centers/stations of the crops research and development programs ;
3. Provides directions and guidance to the commodity and cluster research teams and commodity specialists, to appraise systematically and periodically major problems affecting crops research and help provide a system for the establishment of priorities and the updating of research and development programs;
4. Directs in evaluating and monitoring agricultural research and development programs and budgets of government institutions and other international donors involved in crops ;
5. Reviews the financial budgetary needs agencies' research programs for endorsement to the Department of Budget and Management and other donors;
6. Identifies the significant results or breakthroughs of research and technology for dissemination and upscaling activities;
7. Recommends and identifies policies for streamlining the operation of the national research system in agriculture and natural resources;

8. Initiates and establishes linkages with various public and private research institutions both from the local and international organizations for effective and efficient implementation of the national research programs in agriculture and natural resources;
9. Supervises the development and coordination of special projects, such as crops biotechnology, pest management/crop protection and plant genetic resources research programs ;
10. Develops strategic plan for professional improvement of research manpower and encourage professional growth of research staff through seminars, workshops and other related capacity building activities;
11. Acts as member of the Editorial Board of PCARRD Corporate Publications and other publication lines
(R and D Milestones, Philippine Recommends for different crops, R and D Highlights, Information Bulletin,)

B. POSITIONS/DESIGNATIONS WITH INTERNATIONAL PARTNERS ON COLLABORATIVE PROGRAMS

1. International Crops Research Institute for the Semi-Arid tropics (ICRISAT)

- **Chairman, Steering Committee of the Cereals and Legumes Asia Network (CLAN)of the International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), November 2006 to 2008 and Country CLAN Coordinator , 2001 to date.**

Tasks to coordinate the implementation of the project among PCARRD and ICRISAT on "Enhancing Adoption of ICRISAT Legumes and cereals (sweet sorghum) varieties and technologies in the Philippines particularly in the dryland regions. The components of the project include germplasm exchange through an execution of Materials Transfer Agreement (MTA) to evaluate ICRISAT lines with high yielding performance, high juice yield from sweet sorghum stalks and resistance to pests in order to increase farmers income, capacity building for the researchers and farmers, exchange of scientists, advocacy awareness on the importance of the legumes and cereals and development of information and education materials.

2. Asian Vegetable Research and Development Center (AVRDC)- the World Vegetable Center

- **National Principal Investigator, Asian Vegetable Research and Development Center (AVRDC), Asian Development Bank (ADB) and PCARRD project on the " Promoting utilization Indigenous Vegetables (IVs) for improved nutrition of resource-poor households in Asia", May 2004 to 2007.**

Established of strong linkages with the local government units and rural and household communities to promote the utilization of indigenous vegetables(IVs) through a participatory approach with the community farmers in coordination with three institutions in the Philippines in the selection of IVs for home and school gardening. It further enhanced the utilization of IVs, household members in selected communities were trained in the selection of IVs for home consumption as part of daily food requirements to enrich the nutrition and health of their school children.

- **Technical Coordinator, Asian Development Bank (ADB) Asian Vegetable Research and Development Center (AVRDC)-PCARRD Collaborative Vegetable Research Program in Southeast Asia: Asian Vegetable Network (AVNET:Philippines), (1991 to 1997)**

Provided directions and coordination in the implementation of the AVNET projects in the Philippines with two major components namely the Integrated Pest management-Diamondback (IPM-DBM) including other cruciferous pests and the Varietal Improvement and Disease Management of Vegetable Crops (tomato, yardlong bean, cucumber, shallot, garlic and pepper); generates additional funds to sustain the continued implementation of the IPM projects and establishes linkages with the local government units, and private sectors to disseminate the AVNET technologies to other sites.

Through the IPM program, the IPM-DBM technology was promoted for adoption to community farmers in the Mt. Province, Benguet, Quezon, Cavite, Nueva Ecija, Camarines Sur, Rizal, Ilocos Sur and Ilocos Norte. The technology was promoted through farmer-participated demo farm, trainings, seminars, lectures, distribution of cocoons, bulletins and primers in coordination with officials of local government units, researchers of SCUs and Department of Agriculture.

On farm trials of promising vegetable varieties (pepper, yardlong bean, tomato, cucumber) were conducted with farmer cooperators in Cavite, Laguna, Quezon and Batangas provinces. The farmers were provided with seeds for the trials and technical assistance. .

3. **Bioversity International (formerly IPGRI)**

- **Country Coordinator , International Plant Genetic Resources Institute (IPGRI) (now Bioversity International) and PCARRD with support from RDA a project on the Medicinal Plants Research In Asia: Development of Descriptors and Information Documentation, 2003 to 2006.**

Closely coordinated with PGR experts of the Philippines through an interim PGR technical committee in the development of descriptors for medicinal plants, characterization of at least 5 priority medicinal plants and development of databases containing passport and characterization data. With minimal budget support from the donor to execute the program, partnership strategy with members of the Philippine NARS was enhanced to fully execute the project implementation.

- **Program Coordinator, DOST and PCARRD National Integrated Banana R and D Program with International Network for the Improvement of Banana and Plantain (INIBAP) -Asia Pacific, 2004 to 2007.**

Provided directions in the implementation of project in coordination with INIBAP as source of planting materials and capacitate researchers and growers to address the diseases problem and cultural management practices and develop packages of technologies for the smallhold banana growers in the country.

- **National Coordinator, Bioversity International (formerly IPGRI)-PCARRD and Department of Agriculture, Bureau of Agricultural Research (DA-BAR) project on " Conservation and use of tropical fruit species (mangosteen, jackfruit, pili, durian) diversity in the Philippines", May 2004 to December 2009.**

Provides directions in the project implementation in coordination with member agencies in the identification and verification of different tropical fruit species that are available in the country. Also, to document the research results and prepare progress reports for submission to Bioversity International.

4. Australian Centre for International Agricultural Research

- **National Coordinator, ACIAR and PCARRD project on the “ Integrated Pest Management and Supply Chain Improvement for Mangoes in the Philippines and Australia”, and “ Management of Postharvest diseases of sub-tropical and tropical fruits using their natural resistance mechanisms”, May 2005 to 2008.**

Closely coordinated with the local government units, extension group, and private sectors in the improvement and development of IPM and Disease Management practices on mango to produce good quality mango for local and export markets in Mindanao and Visayas regions. Also, organized workshops and other related activities to capacitate the farmers in collaboration with agricultural technicians, provincial and municipal agriculturists with packages of technologies on mango through development of training modules and conduct of training activities.

Determined the smooth project implementation through quarterly field visits and meetings with farmer cooperators and field researchers

- **Country Coordinator of ACIAR-PCARRD Southern Philippines Fruits and Vegetables Program, 2008 to date**

Provides management in the execution of the program through conduct of monitoring and evaluation in coordination with the Australian scientists- partners from DEEDI and NSW through ACIAR Research Manager.

Strengthens linkages with the local government units and farmers through the conduct of participatory research trials.

Build up the potentials of the researchers, extensionists and farmers through conduct of trainings, fora, seminar and techno-clinic

Enhanced the M and E mechanisms to meet the desired milestones and targets of the program

Participates in the teleconferencing with Australian partners as member of the Executive Committee of the program to keep abreast of the status of the different project components.

5. Plant Resources for South-East Asia (PROSEA)

- **Country officer, Plant Resources of South-East Asia (PROSEA) – Philippines, (November 2003 to December 2006)**

Supervised the gathering and documentation of plant resources information in the country for the e-PROSEA program, continued to implement high impact dissemination activities towards the maximum utilization of PROSEA information research for academe, industry, household members and the youth sector through the conduct of trainings and seminars. Also, strengthened an effective collaboration with external and local agencies in the promotion and utilization of PROSEA information focused on addressing environmental education and conservation, nutrition, and health issues.

6. International Center for Underutilized Crops (ICUC)

- **National Program Coordinator, International Center for Underutilized Crops (ICUC)/ National Lottery Charity Board/ PCARRD project on " Underutilized Tropical Fruits in Asia Network (UTFANET) : Germplasm evaluation, propagation, and management of jackfruit, mangosteen, and pummelo". (April 2000 to 2004)**

Provided leadership in coordination with local research institutions the conservation, sustainable use of genetic resources, production and distribution of relevant information materials: on the production management practices including the nutritional requirements of the crops, and development of local and international capabilities through conduct of trainings and workshops for the researchers and farmers training on the nursery and orchard management.

7. International Potato Center –SAPPRAD Program

- **Potato Program Coordinator of the Southeast Asian Potato and Sweetpotato Research and Development funded by International Potato Center and ACIAR/AIDAB**

Provided leadership and coordination of the Philippine Potato Program in the Lowland Tropics specifically in Regions I and II in collaboration with Northern Philippine Root Crops Research and Training Center (NPRCRTC), Bureau of Plant Industry (BPI), Department of Agriculture (DA), LGUs and Farmers Cooperatives. Through this program, potato farmers were trained in the production systems of potato with emphasis on varietal selection of potato for the lowlands, crop protection management and marketing strategies.

- **Asian Sweetpotato and Potato Research Program (ASPRAD) Interim Regional Coordinator, Southeast Asian Potato Program for Research and Development (SAPPRAD) (February 1997 to December 1998)**

Provided supervision in the regional coordination of potato and sweetpotato R & D activities to sustain the networking among member countries (Papua New Guinea, Sri Lanka, Thailand, Indonesia, Malaysia, Vietnam and China) on germplasm exchange, training and information sharing in coordination with International Potato Center (CIP)

C. Positions and special designations in the NATIONAL PROGRAMS and COMMITTEES

- **Member, Technical Working group of the National Agriculture and Fisheries Education System (NAFES) of Commission on Higher Education Department (CHED) 2011 to date**

- **Program Coordinator, Department of Science and Technology(DOST) and PCARRD project on " S and T Anchor program for Mango" , 2003 to date)**

Coordinates the implementation of the project in mango in major islands of the Philippines in partnership with members of the National Agricultural Research and Development Network of PCARRD and local government units to address the problems on pest and diseases management , postharvest handling, irrigation and water management , and controlled atmosphere storage in order to develop a perfect quality mango for export markets.

Also, development of IEC materials were undertaken based on the packaged of technology.

- **Technical Coordinator, Formulating the Industry Strategic Plans for Coconut, Fruits, Vegetables, Legumes, Rice, Sugarcane, Corn, Ornamental and Medicinal Crops for the development of the Philippine Agenda 2020 of NAST/DOST/PCARRD.**

- **Member, Sugarcane Development Council of the Philippine Sugar Research Institute Foundation, Inc (PhilSURIN)**

Provides technical inputs in the review of project proposals for local and foreign funding and identifies policy concerns for the sugar industry

- **Chairperson, Mango Information Network – Project Management Team (effective Jan 2, 2001).**

Tasked to provide direction and guidance in the implementation of the project in coordination with the regional hubs administrator

- **Chairperson of the Program Management Committee (PMC) of the DOST-PCARRD-PNRI Project "Integrated Fruit Fly Management Program in Guimaras Island -Phase II (effective November 2000)**

Acted as member of the review team to assess the accomplishments and milestones output of the project.

- **Consultant/Evaluator, on Pesticide Registration and Experimental Unit Permit (EUP): Biological Efficacy and Label (effective Jan. 2000) of the Fertilizer and Pesticide Authority (2005 to date)**

Evaluates/reviews proposals for experimental unit permit and for bio-efficacy trials of pesticides products prior to Fertilizer and Pesticides Authority (FPA) approval for registration.

- **Member, Technical Secretariat of the Inter-agency Committee on Biological and Genetic Resources which pertains to EO-247, (June 1995 to 2004)**

Conducted initial screening of proposals evaluation and monitoring of projects related to biological prospecting to regulate access of biological and genetic resources in coordination with Department of Environment and Natural Resources (DENR) and (Department of Science and Technology (DOST)

- **Member, Technical Committee on Applied Biotech Research of the Department of Agriculture**

Member of the Technical Review Panel the Department of Agriculture (DA) Biotech Research and Development Program- Biotechnology Information Unit to review the technical and administrative components of the project proposals

- **Member, Committee K-AGRINET**

Provides policy direction for the implementation of e-Consortia and e-Farm and ensures smooth complementation of e-Consortia and e-Farm projects with other K-AGRINET PCARRD program components. (2005 to 2011)

- **Member, Sub-Committee on Fresh Fruits and Vegetables of the National Codex Committee (NCC)**

Represents most appropriate expertise from the health, trade, industry, producer and consumer sectors of society and identify issues of national interest.

- **Board Member, National Seed Industry Council (NSIC) of the Department of Agriculture**

Reviews the implementation of NSIC activities as well as recommend policy directions

- **Coordinator, Biotechnology R and Program and Chairman of the Biotechnology Technical Working Group of PCARRD**

Coordinates the formulation and packaging as well as evaluation of R and D programs on biotechnology for the different sectors (microbial, crops, livestock, forestry and social marketing) in collaboration with implementing institutions in the NARRDN.

Generates funds for the implementation of biotechnology R and D program which includes strengthening of manpower capabilities and institutional needs.

Acts as senior expert to the Core Team of Policy Advocacy Group of Biotechnology of PCARRD.

- **Chairman, Sub-Committee on S&T of the Philippine Council for Sustainable Development (effective May 2000-December 2001)**

- **Member, Fertilizer Policy and Technical Advisory Committee (Feb. 2000), Fertilizer and Pesticides Authority**

Provided policy recommendations and technical inputs to strengthen the implementation of fertilizer protocols/guidelines

- **Member, National Committee for the Implementation of Strategic Agriculture and Fishery Development Zone (SAFDZ)**

Participated in the review and study of the SAFDZ Administrative Order.

- **Member, Regional Research and Development Coordinating Committee of Southern Tagalog Agriculture and Resource Research and Development Consortium (STARRDEC), December 1999 –January 2000**

Provided coordination and sets policy directions in the operation of R and D activities of the consortium

- **Assistant Director, Crops Research Division (1994 to March 1999)**

Acted in behalf of the division director in the coordination, formulation and monitoring of agricultural commodity programs particularly ornamentals and medicinal crops, potato and sweetpotato, vegetables and sugarcane

Provided technical assistance to the division director in the formulation monitoring, and evaluation of proposals in the National Agricultural Resources Research and Development Network (NARRDN)

- **Officer-in-Charge of the Agricultural Resources Management Research Division of PCARRD, (June to August, 1998, and March 1999 to October 9, 2000)**

Provided directions and leadership in the development/formulation, monitoring and evaluation of the national agricultural and resources management programs on agricultural engineering and soil/water management; and supervised the daily operation of the division to address the needs of PCARRD as well as the R & D implementing institutions.

- **Officer-in-Charge of the Planning and Development Division of PCARRD, (January to February 1998)**

Provided directions in the planning and development of PCARRD's thrusts and Program and strengthened linkages with some external funding agencies and international centers for R and D partnership activities.

- **PCARRD Representative to National IPM Program (KASAKALIKASAN)**

Participated in the technical evaluation and policy formulation of the Integrated Pest Management Program in relation to Department of Science and Technology Thrusts and Priorities.

- **Chairman, Potato Technical Advisory Group (PTAG) (1992-1996)**

Convened the different members of the PTAG to assess the progress of the lowland potato program and sets direction for the smooth implementation of piloting the potato technologies in the lowland and assists the potato growers in the identification of the market outlets.

- **Head, Project Resources and Development Section, (1991 to June 1994)**

Formulated and coordinated the preparation of research and development projects for external funding, maintained continuing linkages with existing local and foreign funding agencies and other potential donors and participated in the formulation, planning and evaluation of agricultural research development programs

- **Member, Regional Technical Working of PCARRD Regional Consortia: for Southern Mindanao and Resources Research and Development Consortium 2009 to date (SMARRDEC) and Central Mindanao Agricultural and Resources Research and Development Consortium (CEMARRDEC), 1991-1992; Central Luzon Agricultural and Resources Research and Development Consortium (CLARRDEC), 1991-1994, and Western Mindanao Agriculture and Resources Research and Development Consortium (WESMARRDEC), 1997-1999**

Assisted the activities of regional consortia in coordinating, planning and evaluating the integrated regional R and D programs as well as formulation of long term programs consistent with the PCARRD Strategic Plan

- **Consultant, Control Strategies Against Flour Mites (August-October 1992)**

Detected the possible sources of housedust mites harboring flour and flour based food products; identified the species of mites that cause dust allergens and recommended control strategies which are environmentally safe both to flour processors and flour based food products

- **Research Fellow/Graduate Assistant, International Potato Center (CIP) SEAMEO Regional Center for Graduate Study and Research in Agricultural (SEARCA) UPLB, Management of thrips and Mites, (1987 to 1991)**

Screened and evaluated potato germplasm with resistance to mites and thrips; studied the biology of broadmites attacking potato crops in the lowlands and determined alternate hosts of potato broadmites

- **Coordinator, Research, Planning and Monitoring Section 1983 to 1987**

Coordinated the packaging and formulation of commodity research and development programs in agriculture; assisted in the preparation of the research budget for the approval of the department of Budget and Management and evaluated research and development programs for local funding

- **Program Specialist for Plantation Crops (Cacao, coffee, and rubber) and Root Crops (cassava, sweet potato and potato), (1978 to 1983)**

Coordinated the packaging of root crops and plantation crops proposals for submission to potential donors; coordinated the preparation of commodity industry analysis, publications and technical reports; participated in the conduct of agency-in house reviews and field evaluation of ongoing projects; and prepared budget allocation for different projects

- **Member, Fertilizer Policy and Technical Advisory Committee (Feb. 2000), Fertilizer and Pesticides Authority**

Provided policy recommendations and technical inputs to strengthen the implementation of fertilizer protocols/guidelines

IV. RESEARCH OUTPUTS

A. UNPUBLISHED

Potato Germplasm Evaluation for Resistance to the Broad Mite, *Polyphagotarsonemus latus* (BANKS) (ACARINA: Tarsonemidae), and analysis of the Mechanisms Involved. **Eusebio, J.E.** 1992. Ph.D. Thesis, University of the Philippines Los Baños, College, Laguna.

Development of a Small Farmers-Based Lowland Potato Production System (a paper awarded during the Los Banos Science Community Week). Acasio, R.F.; Batugal, P.A.; de la Cruz, A.A.; Balaoing, V.; **Eusebio, J.E.**; Gapasin, D.P.; Kwahja, A.M.; and E.O. Sano. 1986.

Population Studies on Sweet Potato Weevil (*Cylas formicarius*, Fabricius) and its Natural Enemies. **Eusebio, J.E.** 1983. M.S. Thesis, University of the Philippines at Los Banos, College, Laguna.

Preliminary Study on the Population Fluctuation of Some Major Pests of Rice. **Eusebio, J.E.**; 1976. B.S. Thesis, Central Luzon State University, Munoz, Nueva Ecija.

B. PUBLISHED PAPERS

Status of Biological Nitrogen Fixation Research in the Philippines. **Jocelyn E. Eusebio**. 2004. Symbiotic Nitrogen Fixation: Prospects for Enhanced Application in Tropical Agriculture. Ed. Rachid Serraj. Oxford and IBH Publishing Co. Pvt. Ltd. New Delhi. pp 319- 326.

Inventory and Documentation of medicinal plants in the Philippines. **Jocelyn E. Eusebio** and Bethilda Umali. In Medicinal Plants in Research in Asia Volume 1: The framework and Project Workplans. Edited by PA Batugal, J Kanniah. Lee Sy and JT Oliver. pp 68-70.

Status of Legumes Industry in the Philippines. . **Jocelyn E. Eusebio** and M. Viado. Role of Legumes in Crop Diversification and Poverty Reduction in Asia. In Proc. 2004 of the Joint CLAN Steering Committee Meeting, Nov 10-12, 2003. ICRISAT, Patancheru. Edited by CLL Gowda and S Pande. pp 126-140.

The Philippine Banana Industry: Status and Prospects. **Jocelyn E. Eusebio** , J. A. Payot and A. T. Carpio. Advancing banana and plantain R & D in Asia and the Pacific- Vol 12. In Proceedings of the 1st BAPNET Steering Committee meeting held in Los Banos, Laguna, Philippines, 7-10 Oct 2002. ed. A. B. Molina, J. E. Eusebio, V.N. Roa, I. Van den Bergh and M.A.G. Maghuyop. pp 107-124.

Banana R & D in the Philippines; Updates and Highlights. Patricio S. Faylon, Jocelyn E. Eusebio and E. A. Anit. Advancing banana and plantain in R & D in Asia and the Pacific – Vol. 12. in Proceedings of the 2nd BAPNET Steering Committee meeting held in Jakarta, Indonesia, 6-9 October 2003. ed. A.B. Molina, V.N. Roa, Van der Bergh, M.A.G. Maghuyop and K. H Borromeo. pp 81- 94.

Techniques of Potato Germplasm Evaluation for Broad Mite (*Polyphagotarsonemus latus*, Banks) Resistance. **Jocelyn E. Eusebio** and Emiliana N. Bernardo. Philipp. Ent. 13 (1): 35-41. April 1999.

Field Responses of *Diadegma semiclausum*, Hellen Against Diamondback Moth, *Plutella xylostella* (L.) of crucifers in Benguet and Mountain Province. Eulogio V. Cardona, Belen Morallo-Rejesus, Esdras L. Inocencio, M.L. Bansiong and **Jocelyn E. Eusebio**. The Philippine Agriculturist. Vol. 79 (No. 1 and 2) Jan.-June 1996.

Parasitoid-based management of DBM, *Plutella xylostella* (L.) on crucifers in the Philippines. Belen, Morallo-Rejesus, E.V. Cardona, **J.E. Eusebio**, G.P. Fajardo E.L. Inocencio. Philippine Journal of Crop Science Vol. 20 Suppl. 1. p.4. April 1995.

Comparative effectiveness of the IPM-DBM technology versus farmers' control practice for diamondback moth, *Plutella xylostella* (L.) control. Belen M. Rejesus, Esdras L. Inocencio and **Jocelyn E. Eusebio**. Philipp. Ent. 10(1):57-65.1995.

Field Verification and Technology Packaging of Selected Vegetables. **Jocelyn E. Eusebio**, B.M. Legaspi, V.B. Carada, A.A. Virtucio, M.K. Calingasan and D.G. Gortiguera. Plant Industry Bulletin. Vol. 9 No. 4. Oct.-Dec. 1994 pp. 1-44.

Introduction and field releases of larval parasitoid, *Cotesia plutellae* (Kurdj.) for the management of DBM, *Plutella xylostella* (L.) of crucifers in the Philippines. Belen, Morrallo-Rejesus, A.S. Sayaboc, G.P. Fajardo and **J.E. Eusebio** (for publication in the Philippine Agriculturist) Oct.-Dec. 1994, pp 481-500.

Introduction and field releases of larval parasitoid *Cotesia plutellae* (Kundj), for the management of diamondback moth, *Plutellae xylostella*(L.0 of crucifers in the Philippines. Belen, Morrallo-Rejesus, A.S. Sayaboc, G.P. Fajardo and **J.E. Eusebio**. Philippine Journal of Crop Science Vol. 19 Suppl. 1. p 25 May 1994.

Introduction and field releases of larval parasitoids *Cotesia plutellae* (Kurdj.), for the management of diamondback moth, *Plutellae xylostella*, of crucifers in Region IV/Batangas and Laguna. Belen, Morrallo-Rejesus, A.S. Sayaboc, G.P. Fajardo and **J.E. Eusebio**. Philippine Journal and Crop Sciences Vol. 18 Suppl. 1 p.18. May 1993.

Management of Thrips and Mites in the Lowland: Selected Potato Cultivars/Lines Resistant to Broad Mite, *Polyphagotarsonemus latus*. **Eusebio, J.E.** 1990. The Potato and Sweetpotato in Southeast Asia and the Pacific Region. International Potato Center. pp. 1-13.

The Effects of Mulching and Agronomic Performance of Potatoes Under Canlubang Conditions. **Eusebio, J.E.**; Acasio, R.F.; and P.A. Batugal. 1985. SAPP RAD Progress Report. January-August 1985. pp 431-439

Performance of Selected Processing and Table Potato Cultivars in Warm Tropical Environments of the Philippines. Batugal, P.A.; **Eusebio, J.E.**; Acasio, R.F.; de la Cruz, A.A.; Kwahja, A.M.; and V.M. Mangaser, 1985. SAPP RAD Progress Report. January-August 1985. pp 370-389.

V. TECHNICAL PAPERS/POSTERS PRESENTED IN SCIENTIFIC CONFERENCES WORKSHOPS AND SYMPOSIA

The Status of Plant Genetic Resources in the Philippines. A paper presented during The Fifth East Asia Plant Variety Protection Forum Meeting 28 - 30 May 2012, Bangkok, Thailand. Sponsored by Food and Fertilizer Technology Center and UPOV.

Strengthening Local Food System in the Philippines. J.E. Eusebio . A paper presented during the International Workshop on Strengthening Local Food Systems for Sustainable Agriculture in Asia 17-21 October, 2011, Seoul, Korea, sponsored by Food and Fertilizer Technology Center.

Workshop on Enhanced Livelihood Opportunities of Smallholders in Asia: Linking Smallholder Sweet Sorghum Farmers with the Bioethanol Industry . Sponsored by ICRISAT. (CFC/FIGG/41), May 24, 2011. Hotel Celeste, Makati, Manila.

The Philippine Experience: Sweet Sorghum for ethanol production . **J.E. Eusebio**. Poster presented at the International Conference on Sweet Sorghum held at Houston , Texas on August 18 to 23, 2008.

Technology Transfer of *Cotesia*-based IPM for Diamondback moth on crucifers in the Lowland Philippines. Rejesus, Belen-Moralla, E.L. Inocencio, **J.E. Eusebio** and S.F. Barroga. 1996.

Paper presented at the 3rd International Workshop on "The Management of Diamondback Moth and Other Crucifer Pests", 29 October-1 November, 1996, Kuala Lumpur, Malaysia.

Field Performance of Thermally Selected Population of *Diadegma semiclausum*, A Larval Parasitoid of Diamondbacks Moth. Rejesus, Belen-Moralla, J.B. Obara, J.M. Malabanan and **J.E. Eusebio**. 1996. Paper presented during the Third International Workshop on "The Management of Diamondback Moth and other Crucifers Pests" 29 October -November 1, 1996, Kuala Lumpur, Malaysia.

Parasitoid-based management of DBM, *Plutellae xylostella* (L.) on crucifers in the Philippines. Rejesus, Belen-Moralla, E.V. Cardana and **J.E. Eusebio**, 1995. Paper presented to the Annual Scientific Conference, Siliman University, Dumaguete City, 23-27 April 1995 (Finalist-Best Paper).

Parasitoid-based management of DBM, *Plutellae xylostella* (L.) on crucifers in the Philippines. Rejesus, Belen-Moralla, E.V. Cardana and **J.E. Eusebio**, G.P. Fajardo and E.L. Inocencio. 1995. Paper presented during the National Academy of Science and Technology (NAST) Annual Convention, Philippine International Convention Center (PICC), Roxas Blvd. Manila 12-13 July 1995.

Introduction and Field Releases of Larval Parasitoid, *Cotesia plutellae* (Kurdz) for the management of DBM, *Plutellae xylostella* (L.) of Crucifers in the Philippines. Belen, Moralla-Rejesus, Sayaboc, A.S.; Fajardo, G.P. and **J.E. Eusebio**. 1994. Proc. of the 10th Annual Scientific Conference of the Federation of Crop Science Societies of the Philippines, Asian World Hotel, Puerto Princesa, Palawan.

Introduction and Field Releases of *Cotesia plutellae*, a parasitoid of diamondback moth, *Plutellae xylostella*, of crucifers in Region IV/Batangas and Laguna. Belen-Morallo, Rejesus, A.S. Sayaboc, G.P. Fajardo and **J.E. Eusebio**, 1993. Paper presented in the 9th Annual Scientific Conference of the Federation of Crop Science Societies of the Philippines (FCSSP, Aklan State College of Agriculture (ASCA), Banga, Aklan, 10-14 May 1993.

Introduction and Field Releases of Larval Parasitoid, *Cotesia plutellae* (Kurdj.) for the management of diamondback moth, *Plutellae xylostella* (L.) of crucifers in the Philippines. Belen-Morallo, Rejesus, A.S. Sayaboc. G.P. Fajardo and **J.E. Eusebio**. 1993. Paper presented during the Pest Management Council of the Philippines, Annual Scientific Convention, Sacred Heart Center, Cebu City, May 4-7, 1993.

Technique for Screening Potato Germplasm for Resistance to Broad Mite. **Eusebio, J.E.** 1993. A paper presented during the Annual Scientific Meeting of the Pest Management Council of the Philippines, Inc. Sacred Heart Center, Cebu City.

VI. TRAINING PROGRAMS

A. INTERNATIONAL

1. TRAININGS (Research and Managerial trainings)

- Training Course in Research Management in Agriculture, Oasis Hotel, Los Banos, Laguna, Philippines sponsored by ACIAR and of the University of New England (UNE), May 30 to June 4, 2005.
- IMA International Training Course on Communication Methods and Scientific Advocacy, Bangkok, Thailand sponsored by IMA and ACUC, December 6-10, 2004.
Paper presented: Fruits and future: Technology Delivery Approaches

- International Training on Seed and Seedling Science and Technology organized by FFTC, Taiwan, July 15 to 18, 2002
- Study Mission in the Area of Hybrid Rice Technology Sponsored by Guangzi Academy, China, June 25 to July 8, 2001
- Cochran Fellowship-sponsored Regional Biotechnology Training Program, USA, (Washington DC; Des Moines, Iowa; and Davis, California); July 8-20, 2000, USDA
- International Training Course on New Technologies for Agricultural Research: Managing Biotechnology in a Time of Transition, Tagaytay, Philippines, Nov. 8-20, 1999. **Paper presented: Priority Setting in Agricultural Biotechnology in the Philippines: Lessons Learned**
- Master Class in Biotechnology in Food Processing and their Impact in Crop Production. Darwin and Sydney, Australia. July 1- 31, 1998.
- Training tour to RDA/NASTI, Suweon, Korea, September 18-25, 1995..**Paper presented: Status of Crop Genetic Resources in the Philippines.**
- Master Class in Biotechnology in Food Processing and Their Impact in Crop Production, Sydney, Australia. **Paper presented: Status of Crops Biotechnology R and D Program in the Philippines**
- Study/Training Tour Agricultural Institutions in Thailand, November 30-December 5, 1992.
- Advanced Potato Germplasm Management Training Course, PCARRD, Los Baños, Laguna, February 25-March 8, 1985.
- Study/Training Tour to Chiangmai, Thailand on the storage and Production of Potato, September 1-4, 1984
- Training Course on the "Tropical Agronomy for Potato in the Hot Tropics" Batu-Malang, Indonesia, August 18-30, 1984.
- Training Course on "Potato Production and Germplasm Management", PCARRD, Los Baños, Laguna, May 22-June 9, 1983.
- Study/Training Tour to Indian Council for Agricultural Researches and ICRISAT, Hyderabad, India, November 25-29, 1982.

B. NATIONAL

- Management and Implementation of Foreign-Assisted Projects, Ateneo de Manila, March 19-23, 1996
- Professional Development Series for Directors, PCARRD, December 11-13, 1995

A Team Building Workshop Towards A Peak Performing PCARRD Management Team, Development Academy of the Philippines (DAP), PCARRD, January 31- February 2, 1995

- Advanced Managerial Training, , PCARRD, August 18-19, 1993
- Supervisory Development and Leadership Training, PCARRD, November 26-December 4, 1986
- Research and Program Planning Formulation, PCARRD, August 18-20, 1983
- Workshop on Program Evaluation and Policies, PCARRD, April 3-4, 1978

VII. Workshop/Conferences

A. International

- International Workshop on “ Development and Adoption of Green Technology for Sustainable Agriculture and Enhancement of rural Entrepreneurship” organized by Food and Fertilizer Technology Center (FFTC) and PCARRD and sponsored by Council of Agriculture, Executive Yuan, Taiwan ROC and national Institute of Fruit Tree Sciences (NIFTS), NARO, Japan held at IRRI , Los Banos, Laguna on September 28 - October 2, 2009 .Chairman: **Session I on Green Technologies for the Production of Safe and High Quality Food.**
- Regional Cooperation in Southeast Asia on Plant Genetic Resources (RECSEA-PGR) Network Meeting and Capacity Building Workshop on the Implementation of the International Plant Genetic Resources for Food and Agriculture in RECSEA PGR Countries, organized and sponsored by RECSEA-PGR, the Treaty Secretariat, Global Crop Diversity Trust, Bioversity International and PCARRD, May 19 - 21, 2009 held at PCARRD Headquarters, Los Banos, Laguna, Philippines. **Paper presented the “ Status of PGR in the Philippines”.**
- Terminal Workshop for the project on “ Enhanced utilization of sorghum and pearl millet grains in poultry feed industry to improved livelihoods of small scale farmers in Asia”, sponsored by ICRISAT, FAO and CFC, held at Patancheru, ICRISAT, Andra Pradesh on March 18-20, 2009. **Paper**

presented: Crops-Animal Systems for Sustainable Agricultural Production in the Philippines.

- Biotechnology Information Network in Asia (BINASIA)- Philippines National Forum sponsored by ISAAA and SEARCA held at Hotel Philippine Plaza, Roxas Boulevard, Manila, Philippines on April 27 - 28, 2006. **Paper presented: Status of Agri-Biotechnology R and D in the Philippines.**
- Workshop on Research Needs Assessment for Agricultural Research and Development in Southeast Asia Sub-Region, sponsored PCARRD, IRRI, APAARI, and DA-BAR , IRRI, Los Banos, Laguna, Philippines, October 27-28, 2005.
- Training workshop on “Communication and Scientific Advocacy Course” December 6-10, 2004, sponsored UTFANET, Bangkok, Thailand. **Paper presented “Fruits and Future: Technology Delivery Approaches**
- AVRDC Midterm Workshop on Promoting Utilization of Indigenous Vegetables for Improved Nutrition of Resource Poor Households in Asia, sponsored by AVRDC in Bangkok, Thailand , September 1-3, 2004 . **Paper presented: “ Midyear Technical Progress Report**
- International Congress of Entomology and the ACIAR Meeting in Brisbane, Australia sponsored by ACIAR, August 15-23, 2004
- Workshop on Status on Biological Nitrogen Fixation (BNF) Research in the Philippines, sponsored by ICRISAT in Montpellier, France , June 10-14, 2002
- Global Knowledge Center on Crop Biotechnology: Communication and Network Planning Workshop sponsored by the International Service for the Acquisition of Agri-biotech Application (ISAAA), 11-13 January 2001, Siam City Hotel, Bangkok, Thailand. **Paper presented: Status of Crop Biotechnology in the Philippines**
- Workshop on International Cooperation for Improving Extension Through Information Technology for Sustainable Agriculture Development, Bangkok, Thailand. May 28-June 1, 2000.
- Regional Workshop on Land Resources Information Systems in Asia. BSWM-DA, Quezon City, Philippines. Jan. 25-27, 2000.
- Intellectual Property/Technology Transfer Management Workshop: Capacity Building for Stronger Partnership. Bangkok, Thailand, Dec. 6-14, 1999
- International Workshop on Slopeland Use Capability. PCARRD, Los Baños & BSWM, Quezon City, Sept. 21-24, 1999. Sponsored by Food and Fertilizer Technology Center (FFTC).
- International Symposium on Management Technologies for the Improvement of Problem Soils, BSWM, Quezon City, August 3-5, 1999. Sponsored by JICA-BSWM.
- 1st Asia-Pacific Conference on Ground and Water Bio-Engineering for Erosion Control and Slope Stabilization, EDSA Shangri-la Plaza Hotel, Manila, Philippines, April 15-21, 1999.

- Biotechnology for the Next Millenium, EDSA, Shangri-la Plaza Hotel, Manila. February 24-26, 1999
- Biosafety Workshop : Planning and Implementing Field Trials of Genetically Modified Papaya in Awana Genting Highlands Golf and Country Club, Malaysia, December 14-16, 1998, Sponsored by International Service for the Acquisition of Agri-Biotech Applications (ISAAA)
- 4th Asia-Pacific Conference on Agricultural Biotechnology to Field and Market. Darwin, Australia. July 13-16, 1998.
- IPM Europe Policy Framework Workshop, Florence, Italy on June 7-9, 1998, sponsored by IPM Europe Commission
- Regional Conference on Poverty Related Core Data Needs For the Asia-Pacific Region, Kuala Lumpur, Malaysia. May 6-8, 1998.. **Paper presented: A model of Biotechnology Parks to Alleviate Poverty And Promote Women's Welfare**
- Philippine - ACIAR High Level Consultation on the Program of Partnership in Agricultural Research and Development. PCARRD, Los Baños, Laguna, Philippines. February 26-27, 1998.
- Forum on Poverty Related Core Data for the Asia Pacific Region. Bangkok, Thailand, November 18-22, 1997. **Paper presented: A Model of Biotechnology Parks to Alleviate Poverty and Promote Women's Welfare: Mountain and Island Ecosystem Models**
- Workshop on Ethics and Equity in Conservation and Use of Genetic Resources for Sustainable Food Security. Foz do Iguacu, Brazil sponsored by IPGRI on April 21-25, 1997.
- International Symposium on Biotechnology of Tropical and Sub-Tropical Species. Brisbane, Australia. September 29 to October 3, 1997
- Third International Workshop on the Management of DBM and Other Crucifers. Kuala Lumpur, Malaysia November, 1996. **Paper presented: Integrated Pest Management on Diamondback Moth (IPM-DBM): The Philippines Experience.**
- Asian Vegetable Network (AVNET) Final Workshop; Fortune Bluewav0e Hotel, Bangkok, Thailand, September 1-6, 1996.. **Paper presented: Current Status of Vegetable Production in the Philippines**
- Midterm Review and Planning Workshop of Asian Vegetable Network (AVNET), PCARRD, Los Baños, Laguna, February 20-25, 1995.
- Germplasm Evaluation and Biotechnology Workshop, PCARRD Headquarters, Los Baños, Laguna. February 14-17, 1994. **Paper presented: Potato Germplasm Evaluation Techniques Against Potato Broad Mites**
- Lowland Potato Monitoring Tour in Malaysia and Thailand, February 2-8, 1992.
- Final Workshop and Planning Meeting for Asian Vegetable Network (AVNET) Phase II, (Chairman: Integrated Pest Management), Lembang, Indonesia, September 21-29, 1992.
- International Rubber Research and Development Board Symposium/Meeting, Manila Hotel, Metro Manila, October 24-November 2, 1991.

- Second International Workshop on Biological Control of Potato Nematodes, PCARRD, Los Baños, Laguna, February 10-16, 1986.
- International Workshop in Bacterial Wilt, PCARRD, Los Baños, Laguna, October 5-10, 1985.
- International Root Crops Symposium on the "Production and Utilization", Visayas State College of Agriculture (ViSCA) and UPLB, November 9-16, 1983.

2. Meetings

- The 6th Banana and Asia Pacific Network (BAPNET) Steering Committee Meeting, sponsored by Bioversity International, CFL-Asia Pacific held at Tiruchirapalli, Tamil, Nadu, India on October 22 to 25, 2008 **Paper presented: Banana R and D Updates: the Philippines Country Report**
- Experts Consultation to Review Progress of Agricultural Research Network and Consortia in Asia Pacific sponsored by ICRISAT/APAARI/FAO held at ICRISAT, Hyderabad, India on October 8 to 9, 2007
- CLAN-ICRISAT Steering Committee Meeting sponsored by ICRISAT, APAARI and FAO held at ICRISAT on October 10 to 11, 2007. **(as chairman of the Steering Committee)**
- 13th Meeting of the Board of Trustees, Plant Resources of South-East Asia (PROSEA) Foundation, Bogor, Indonesia, April 20-22, 2005. **Presented the Philippines PROSEA Technical Progress Report.**
- Country Officers Meeting in Bogor , Indonesia sponsored by PROSEA Foundation, June 23-25, 2004
- Asian Centre for Underutilized Crops Governing Board Meeting on Sri Lanka sponsored by ACUC , March 22-23, 2004
- CLAN-ICRISAT Committee Meeting at ICRISAT, Patancheru, India on November 10-13, 2003 sponsored by ICRISAT and in the Philippines on November 3 -5, 2005 sponsored by APAARI, ICRISAT, AVRDC, FAO and ICARDA.
- Annual Meeting on Council for Partnership on Rice Research in Asia sponsored by CORRA and the Chinese Academy of Agricultural Sciences , September 13-20, 2002
- 12th Annual Meeting of the International Board for Soil Research and Management (IBSRAM) Asialand Project on Management of Sloping Land for Sustainable Agriculture, Kuala Lumpur, Malaysia, August 10-17, 2000.
- 11th Annual meeting of the IBSRAM ASIALAND Management of Sloping Lands Network, Hanoi, Vietnam, Oct. 10-18, 1999. **Paper presented: Participatory Approach to Sustainable Land Management**

- Mid-term Research Meeting of SouthAsian Vegetable Research Network. Shanhua, Tainan, Taiwan. February 4-9, 1999.
- Fourth Executive Committee Meeting of Asian-Pacific Association of Agricultural Research Institutes (APAARI) and Expert Consultation on Management and Strengthening of Regional Research Networks in the Asia-Pacific Region Fehran, Iran, October 15-21, 1997 . **Paper presented: Asian Sweetpotato and Potato Research Development (ASPRAD): Transition Phase Report**
- ASPRAD Coordinating Committee Meeting. PCARRD, Los Baños, Laguna, Philippines. August 25-26, 1997.
- Asian Potato Research and Development (ASPRAD) Annual Meeting; Balu, Indonesia, August 26-31, 1996. **Paper presented: Updates on the Philippine Lowland Potato Program**
- 2nd Steering Committee Meeting of Underutilized Tropical Fruits in Asia Network, Bangkok, Thailand, December 5-8, 1995
- 14th ASPRAD Coordination Committee and Annual Meeting. Kandy, Sri Lanka. September 5-8, 1995. **Paper presented: Development of Sustainable Potato in the Mid-latitude Tropics**
- SAPPRAD Annual Review and Planning Workshop, Merlin Inn Resort, Kuantan, Pahang, Malaysia. September 3-10, 1994. **Paper presented: Status and Directions of Potato Industry in the Philippines (Country report)**
- Southeast Asian Potato Program for Research and Development (SAPPRAD) Annual Review and Planning Workshop, Aiyura National High School, Papua New Guinea, August 31-September 5, 1993. **Paper presented: Development of Sustainable Potato Production System in the Mid-Latitude Tropics**
- SAPPRAD Annual Review and Planning Workshop, Aiyura National High School, Papua New Guinea, August 31-September 5, 1993. **Paper presented: Development of Sustainable Potato Production System in the Mid-Latitude Tropics**

B. NATIONAL

1. Workshops/Conferences/Congress

- 58th Annual Convention of the Philippine Association for the Advancement of Science Inc (PhiliAAS) with the Theme “Recent Advances inPhilippine Science and Technology” held on 10-11 September at the SMX Convention center, MOA Complex, Pasay City, Philippines. **Guest Speaker: Trends on Agri-Biotechnology in the Philippines**
- Annual Convention of the Pest Management Council of the Philippines, Inc “PMCP at 40: Facing the Challenges of a Changing Environment” held at Baguio City, Philippines on May 5 to 8, 2009. **Plenary Paper Presented : Adaptive Pest Management: Facing Challenges of Climate Change.**

- Forum on Climate Change and other issues Affecting AFNR held at University of Southesatern Philippines, Davao City on August 14, 2009. **Paper Presented: Effect of Climate Change on Integrated Pest Management**
- 15th National Fruit Symposium: Quality Fruits for the Domestic and Export Markets , held at Bureau of Soils and Water Management , Diliman, Queson City, Philippines on November 6 to 8, 2007. **Paper Presented: Investment Package on Smallhold Banana Production**
- FAO/GFAR Asia Pacific Regional Consultation on Postharvest, SEARCA, Los Baños, Laguna, 5-7 December 2001
- World Conference on Science and Technology at the Manila Hotel, Manila, Philippines, 13-15 September 2001
- Workshop on Integrated Plant Nutrient Management System. Puerto Azul, Cavite, Oct. 4-5, 1999.
- Evaluation Workshop of Agriculture and Fishery Modernization Act (AFMA)-RDE Program of DA. Olongapo City, July 1-3, 1999.
- National Banana Congress: Banana Linkages, Equitable Opportunities for Growth Leyte ParkHotel, Tacloban City. December 8-9, 1998. **Paper presented: The Status of Banana R and D in the Philippines.**
- National Ecotoxicology Workshop on Pesticides. DAP, Tagaytay City, October 17-19, 1994. **Paper presented: PCARRD Thrust and Program on Environmental Health and Safety**
- Workshop on Production and Processing Tools and Equipment for Root Crops, PCARRD, Los Baños, Laguna, September 9, 1993.
- Annual Convention of the Pest Management of the Philippines, Cebu City, May 5-10, 1993.

Papers presented: Some Realities and Challenges of Crop Protection R and D Program in the Philippines.

Technique for Screening Potato Germplasm for Resistance to Broad Mite, Polyphagotarsonemus latus, (Banks) Acarina: Tarsonemidae.

- IPB Annual Review and Planning Workshop, IPB, College, Laguna, February, 1991.
- Paper presented: Screening of Potato Germplasm for resistance to broad mite**
- Lowland Potato Research and Development Workshop, Don Mariano Marcos State University, La Union and PCARRD, April 19-20, 1985 and April 25-26, 1986, respectively.
 - Highland Potato Research and Development Workshop, BSU, La Trinidad, Benguet, April 16-18, 1985.
 - Seminar on Basic Researches in Entomology, Parasitology and Zoology in the Philippines, University of the Philippines, Diliman, Quezon City, February 11, 1984

- Research and Program Planning and Formulation Workshop, Tarlac College of Agriculture (TCA), Camiling, Tarlac, August 18-20, 1983
- Recent Research Development in Root Crops Processing and Utilization, Bureau of Plant Industry-Manila, January 20, 1983
- National Symposium-Workshop on Optimizing Use of Pesticides in Crop Protection, Tropical Palace Hotel, Paranaque, Metro Manila, August 4-6, 1982.
- First Agriculture and Resources System for Research Congress for Southern and Central Luzon, Manila, July 26-29, 1979
- Seminar-Workshop on "Budget Development in Agriculture and Resources Research". Club Solviento, Calamba, Laguna, February 19-20, 1979.
- Workshop on "Program Evaluation and Policies" Taal Vista Lodge, Tagaytay, Cavite, April 3-4, 1978.
- Second National Agriculture and Resources Research Congress, Cebu City, November 10-13, 1976.
- Annual Convention of the Pest Management Council of the Philippines (PMCP), May 1979, 1981, 1982, 1983, 1984, 1991, 1992, 1993, 1994

2. Meetings

- Intellectual Property Management of Biotechnologies : Freedom to Operate Review, PCARRD, Los Baños, Laguna, November 6, 2001
- NSTW Policy For a on Intellectual Property Rights on GMOs and ICT, PHIVOLCS Auditorium, Quezon City July 20, 2001
- NSTW Policy For a on Genetically Modified Organisms (GMOs), PHIVOLCS Auditorium, Quezon City, July 16, 2001
- Consultative Meeting on the Impact of World Trade Organization (WTO) on the Fruits and Vegetables, Manila, Cebu and Davao. 1995. **Paper presented: Recent Technologies on Fruits and Vegetables**
- Annual Meeting of the Technical Working Group on Root Crops Seed Board, 1982, 1983, 1984, 1992, 1993
- SAPPRAD, Technical Committee Meeting, BSU, La Trinidad, Benguet, February 19-20, 1985.VIII .

HONORS/AWARDS/DISTINCTIONS

- L. B. Uichanco Award for Research Management , Annual Convention of the Pest Management Council of the Philippines (PMCP), May 5 to 8, 2008, Puerto Princesa, Palawan City, Philippines.
- Most Distinguished Alumna Awardee on Science and Technology, CLSU Centennial Celebration, April 12, 2007, Science City of Munoz, Nueva Ecija
- Most Outstanding Entomologist In Research Management Award (Instar II) May 9, 2002 , Grand Men Seng Hotel, Davao City
- PCARRD 30 years service to Agriculture and Natural Resources Sector, November 10, 2002, Los Banos, Laguna
- PCARRD Silver Award 2001, PCARRD, Los Banos, Laguna
- Outstanding Research Team Award on IPM for Cruciferous Pests, UPLB Foundation Day, March 6, 1998.
- Achievement Award in Technology Development, Crucifer IPM Team , 14th FCCSP Annual Scientific Conference, 19-24 April 1998, Centrepoint Hotel, Cebu City
- Achievement Award, Central Luzon State University Alumni Association, Inc. Muñoz, Nueva Ecija, April 12, 1994.
- Most Outstanding Award for Development of Potato in the Lowland, Los Baños Science Community Award PCARRD, Los Baños, Laguna, 1986
- PCARRD Crystal and Loyalty Award 1991 and 1986, respectively.
- PCARRD Scholar, Master's and Doctoral's Degree Program, 1979-1981 and 1987-1991, respectively
- College Scholar, Central Luzon State University, 1972-1973.
- Valedictorian, Lopez Elementary School, Los Baños, Laguna, 1968.

IX. MEMBERSHIP IN PROFESSIONAL ORGANIZATION

- President, PCARRD Scholars Association, Inc. (PSAI), 2008 to date)
- Secretary, Philippine Rural Development Administration Association (PHILRAA), Inc. (2003-to date)
- Board Member, Philippine Association of Entomologist, Inc. (1991, 1992, 1993, 1997) and President, 2003-2004. 2010 to 2012 (June)
- Member, Technical Working Group in Root Crops
- Secretary, Philippine Association of Entomologists, Inc. (1995-96)
- Board Member, Pest Management Council of the Philippines (1995-96) and Vice President 2012 to 2013

- Member, Philippine Agricultural Research Managers Association, Inc. (2004 to date)

X . CHARACTER REFERENCES

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