

Quality Rice. Quality Life.

# 2018 milestones







## Quality Rice. Quality Life.

A life free from worries on rice shortage, farmers' low income,  
and poor nutrition – a life that will enable every household to have  
access to affordable, safe, and nutritious rice at all times.



## **MILESTONES 2018**

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# Contents



## **Better life with rice, v** **Significant accomplishments in 2018, vi**

- Varietal improvement, **2**
  - Smarter crop management, **4**
  - All-in-one/All-weather farm machines, **7**
  - Impact, policy research, and advocacy, **8**
  - Nutritious rice-based food products, **9**
  - Strategic technology promotion, **11**
  - Highlights from PhilRice Stations, **14**
  - Human resources, **17**
  - Gender and development, **18**
  - Quality management, **19**
  - Budget utilization, **19**
  - Infrastructure and facilities, **21**
- .....
- Board of Trustees, **22**
  - PhilRice Officials, **22**
  - Management Team, **22**
  - Plantilla Staff, **23**
  - Awards, **26**
  - Financial Position, **27**
  - Roster of Partners 2018, **28**







# Foreword

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## Better life with rice

In the second year of executing our Strategic Plan 2017-2022, we launched our new slogan “Quality Rice. Quality Life.” Our implied advocacy, it is consistent with the Filipino’s Ambisyon Natin 2040 “Matatag, Maginhawa at Panatag na Buhay.”

We live up to our commitment in not only helping the country provide enough rice for all Filipinos, but also in ensuring that the farmers enrich their income, and in all consumers having easy access to adequate supply of affordable, safe, and nutritious rice at all times.

For 2018, we, together with our stakeholders and partners, present our milestones:

- 22 rice varieties approved by the National Seed Industry Council for commercialization, three of which we bred

- Fast and efficient method in determining amylose content and disease-screening developed

- Mobile applications on seeds and crop management created

- Automated farm machine designed and initially tested

- Machines for climate change adaptation prototyped

- Nutritious rice-based food products concocted

- In certain areas, farmers’ income in a cropping season increased by around P10,000

- Knowledge products distributed to about 150,000 farmers and extension workers

- New knowledge-sharing and learning activities undertaken

The works of our staff and personnel were recognized by 19 local, regional, national, and international award-giving bodies, adorned by two Presidential Lingkod Bayan and Pagasa accolades from the Civil Service Commission.

These milestones and awards are for Filipinos. We all deserve quality life.

**SAILILA E. ABDULA**

Acting Executive Director



# R

## RESEARCH



Developed machines for increased income and lighter load



22 rice varieties developed



10 breeding lines applied for plant variety protection



Instant "am" (boiled rice water) and high-protein noodles developed



3 mobile applications developed



62 knowledge products on science-based policies published



8 advanced lines carrying 3 quantitative trait loci for drought tolerance developed

Two machines for climate change adaptation



New improved, and simplified method as guide for researchers, farmers, millers, traders, and consumers developed



26 papers published



19 awards received



38% of R4D projects are gender-responsive



More than 50,000 citizens reached through exhibits



8,000 stakeholders reached during Field Days; 5,500 farmers and extension workers trained

# D

## DEVELOPMENT



# Accomplishments

## ADMINISTRATION



20 ongoing scholars



4 technologies protected under intellectual property rights



99% budget utilization



38 Dangal ng PhilRice awards bestowed



49 infrastructure and repair and maintenance projects



13 administrative memoranda issued



67 publications, papers, and posters incentivized



102 new knowledge products made accessible through Pinoy Rice Knowledge Bank



More than 20,000 text queries were answered at a 93% response rate



Farmers' net income grew by around P10,000/ha in some areas



Eight Rice Business Innovations System (RiceBIS) communities established covering around 550 farmers



145 trainings conducted across the country





# *Varietal improvement*

Rice has 32,000-56,000 genes. We continue to explore on this maze to discover traits that produce more and heavier grains, build sturdier resistance, and survive environment stress. Each seed we breed contains the faith for every farmer to progress.

Jose Mari Z. Nombere



Jose Carlo A. Alarilla



Jose Mari Z. Nombrene

- 22 rice varieties were approved for commercial production by the National Seed Industry Council (NSIC), three of which we bred: NSIC 2018 Rc 544H (Mestiso 99), Rc 528 (Salinas 26), and Rc 536 (Salinas 30). Yields of the new varieties for the saline-prone environment are 24.8-33.7% higher than the check variety, PSB Rc 90.

VARIETY	Average yield	Maturity	Height	Productive Tillers	Resistance
NSIC 2018 Rc 544H	6.6 t/ha	115 days after sowing	112 cm	13	Deadheart
NSIC 2018 Rc 528	2.9 t/ha	133 days after sowing	90 cm	15	Deadheart
NSIC 2018 Rc 536	2.7 t/ha	133 days after sowing	87 cm	12	Whiteheads

- 10 breeding lines applied for plant variety protection:
  - 3 pigmented lines
  - 5 mutant lines for adverse environments
  - 2 mutant lines derived from Mestizo 1
- 75 hybrid lines seen superior to the highest-yielding inbred and hybrid checks at more than 23%.
- 4 male-sterile rice lines carrying resistance against bacterial leaf blight (BLB) and tungro selected.
- 8 advanced lines carrying 3 quantitative trait loci (QTL) for drought tolerance developed. QTL are stretches of DNA-containing genes that cause the expression of physical traits.
- 10 traditional rice varieties (TRV) seen with potential resistance against green leaf hopper or rice tungro spherical virus.
- 6 pigmented rice materials characterized for their antioxidant activities and phytochemical contents and now being tested for their anti-cancer potentials.

- rice germplasm resources collected, conserved, and characterized:
  - 746 accessions / TRV collected; 463 profiled
  - 905 regenerated, processed, and conserved
- new improved method that accurately measures brown and milled rice kernel sizes, which determine yield and consumer's quality preferences developed. The method captures images of the kernels using a flatbed scanner at 800 DPI and a singulation template, and can measure a grain sample in less than 3min.
- fast, cost-effective, and simple technique to determine amylose content developed as guide for farmers, millers, traders, and consumers. The procedure can identify the amylose content classes of up to 16 samples in 40min. The previous method predicts 4-6 samples in 30-35min.
- seed production protocol at the Central Experiment Station improved based on production and post-production assessment to help provide adequate supply of preferred high-quality seeds.
- We also found that:
  - Some 375 germplasm are potential sources of resistance genes against blast, BLB, and tungro.
  - Three weedy rice biotypes (WR MIN2-3, 2-4, and 2-5) may contain novel genes against rice blast and BLB.
  - Hundreds of accessions have high milling recovery, low chalkiness, long and slender grains, and acceptable eating quality.
  - The micro-chamber method determines a variety's resistance against sheath blight at 21 days after transplanting compared with 45-50 days in laboratory tests.





Renz Romyl De Joya



Pamela V. Carbungco



## Smarter crop management

Rice farming is not without risks. This is why we develop ways on how we can help farmers in seed selection, managing pests and diseases through biological control, and optimizing fertilizer application.

- The **Philippine Rice Information System (PRISM)** was integrated into our operations starting 2018 second semester. PRISM informs the DA and rice stakeholders on rice area, harvest, planting calendars, and flood or drought damage estimates using remote sensing, crop growth simulation, and information technologies.
- **Binhing palay app**, which can also function offline, was developed. Downloadable for free at Google Play, it catalogues varieties including their maximum and average yields, maturity, height, number of tillers, location suitability, and crop establishment method. It also instructs on choosing and using quality seeds.
- **Minus-One-Element Technique (MOET) app** was enhanced by incorporating the Nutrient-Omission-Plot Technique. It helps reduce fertilizer cost as it generates much lower nitrogen recommendations than the original MOET app.
- **E-damuhan mobile app** that catalogues weeds was developed. It uses the latest artificial-intelligence technology to process and recognize the images of weeds in the rice field. It also recommends weed management practices.
- We found that microorganisms growing on rice plant surface are potential biological control agents against rice blast.



Pamela V. Carbungco



Pamela V. Carbungco



Pamela V. Carbungco



Pamela V. Carbungco





**Multi-crop reduced till-planter**



**Light-weight riding boat tiller**

Rachelle Marie C. Martin





Rachelle Marie C. Martin



Ricardo F. Orge

**Makisig** (Makina para sa nagbabagong klima at sari-saring gawain sa bukid)



Ricardo F. Orge

**Paddy bag-drying system**

## All-in-one/All-weather farm machines

Labor cost eats up 37% of the total rice production expenses, much higher than in China, Vietnam, and India. Our farmers produce a kilo of *palay* at P12.41, P3.76 of which farmers in irrigated areas of Nueva Ecija spend on hired labor.

A Filipino farmer works 65 days/ha/season; his counterparts in highly mechanized China and Vietnam work only for 10-35 days/ha.

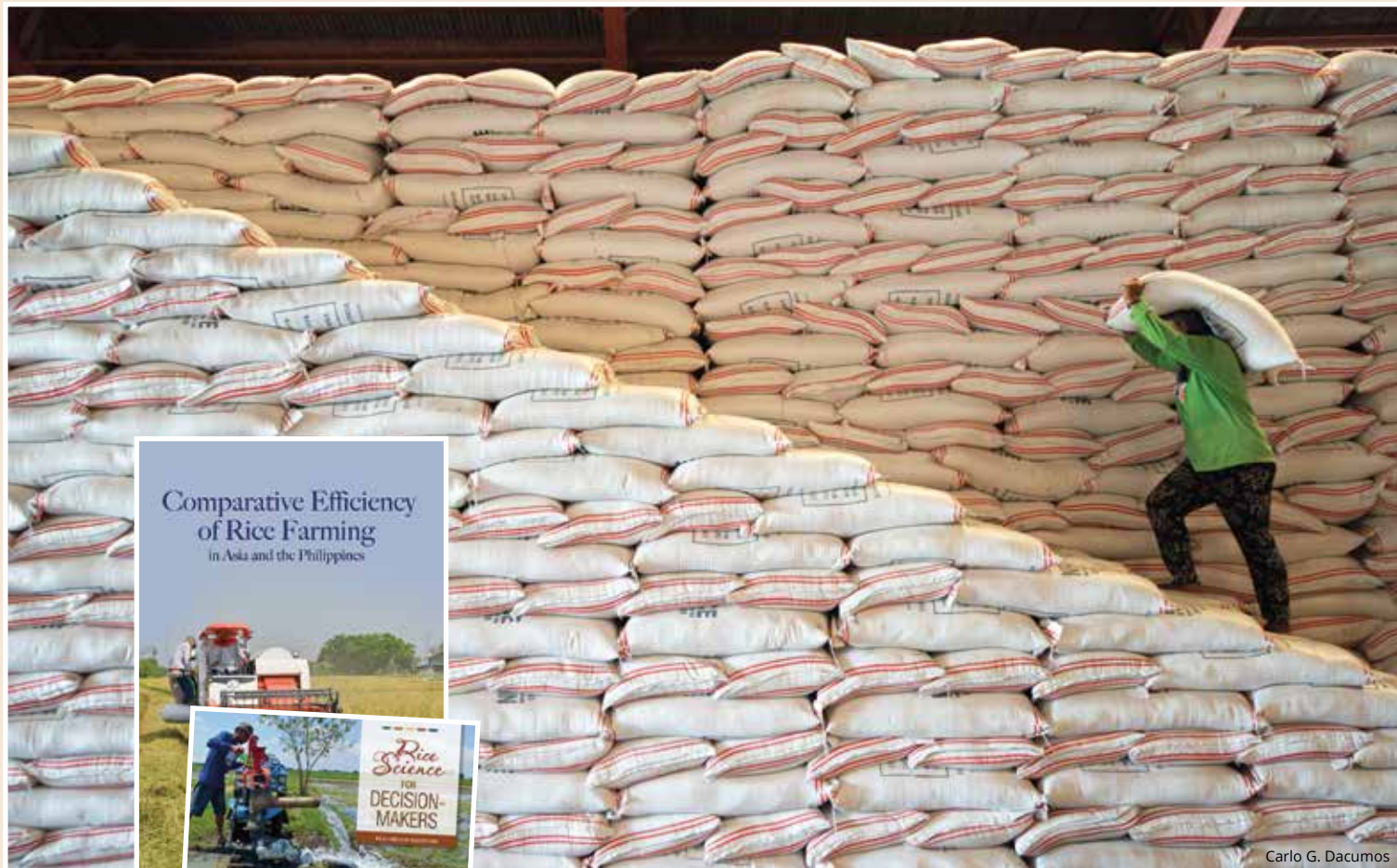
Through mechanization, we are helping farmers earn more profit and lighten their way of life.

- Gear-transmission power tiller with pivot mechanism was developed to improve those that only use chain-and-sprocket transmission with single shafting. The old design limits power tillers to plowing, harrowing, and hauling. The new model would allow tilling, plowing, puddling, leveling, weeding, pumping, and hauling with a universal prime mover. By fabricating attachments, the prime mover will also soon be used in transplanting, seeding, and harvesting.
- We found that the mechanical transplanter-based package of technologies can yield 6.61t/ha at P8.99/kg in DS and 5.20t/ha at P9.42/kg, WS.
- Robotic drumseeder model was designed and fabricated. The motions of the robot can be remotely controlled using radio frequency and stepper motors.
- Multi-crop reduced till-planter for upland rainfed conditions was pilot-tested in Pangasinan, Isabela, and Nueva Ecija. Used in direct-seeding rice, corn, and mungbean, it drills seeds and applies basal fertilizer in one operation at pre-calibrated and precise rates. It cuts rice production cost by 22-30%.
- Light-weight riding boat tiller that can operate in up to waist-deep mud farm areas was developed. While the handtractor tills 2ha/day, the boat tiller can prepare 3-5ha in a day.

- Mechanical rice weeder that uses a 4-stroke single-cylinder gasoline engine was fabricated, with an initial capacity of 1.5ha/day.

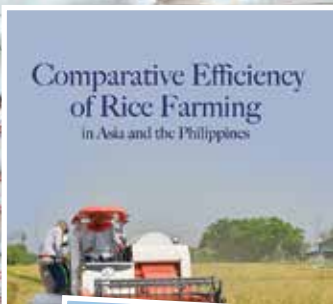
The Global Climate Risk Index 2019 asserts that we in 1998 to 2017 lived in the 5<sup>th</sup> most affected country by extreme conditions. This is why we generated technologies that will help farmers cope with climate change.

- Multi-purpose mini-tractor called **Makisig** (*Makina para sa nagbabagong Klima at Sari-saring Gawain sa bukid*), was designed for plowing, harrowing, and leveling in flooded, deep-mud, and drought-affected areas. It can also drill shallow tube wells for irrigation and dig canals for draining flooded fields. It is powered by a 9.7kW (13hp) gasoline engine and equipped with two 200-mm-diameter screw wheels for the prototype's traction.
- Paddy bag-drying system was developed to protect harvest from weather inclemencies during harvest time and to reduce farmers' stress in hauling and drying rice paddy grains. Containing up to 500kg fresh grains, the bag works as drying bin similar to the flatbed dryer. It lowers moisture content from 35 to 11% in 12hours, consuming 310kg of rice hull (25.8kg/h) and producing 108kg carbonized rice hull as by-product.



Carlo G. Dacumos

### Comparative Efficiency of Rice Farming in Asia and the Philippines



### HOW THE TAX REFORM FOR ACCELERATION AND INCLUSION LAW AFFECTS RICE FARMERS



## Impact, policy research, and advocacy

Rice is a complex commodity due to factors affecting its production, marketing, distribution, and consumption. We craft science-based policies to help guide decision-makers in positioning agriculture-related interventions and measures.

- Baybay, Bacolod, and Davao Cities, and Murcia, Negros Occidental have passed and adopted ordinances on half-cup serving of rice and resolutions on brown rice promotion. The House of Representatives has accommodated for hearing a bill on the half-cup-rice advocacy.
- Books on the comparative yield efficiency of the Philippines and select Asian countries, and the analysis of our rice value chain were published.
- Policy briefs on how the Tax Reform for Acceleration and Inclusion law treats the rice sector were produced. The materials call for the promotion and use of water-saving technologies that will lower production cost and increase grain yield, especially in pump-irrigated areas.
- 33 print materials containing province-specific recommendations in narrowing the yield and cost gaps were distributed to provincial government units. Two policy seminar-workshops on this issue were also conducted.
- 25 campaign materials for the Be RICEponsible and National Rice Awareness Month were produced.
- *Kakulangan sa bigas, totoo ba?*, a policy memo/ position paper on the so-called rice shortage was released. The paper discussed constraints in rice production and government interventions in making farmers and the rice industry competitive.
- Position paper on rice seed price deregulation was circulated. It analyzed facts and outlooks of the rice seed industry.





John Paul A. Samin



Rachelle Marie C. Martin

## Nutritious rice-based food products

As a day without rice would make us frown, we continuously search for ways to suit rice to our busier lifestyles while making it more nutritious.



John Paul A. Samin

- Developed an instant “am” (boiled rice water) with improved cold-water solubility for 9-month-to-2-year-old babies. It contains 50% rice, 35% soybean, and 15% yellow sweet potato flours, and has acceptable sensory attributes.
- Consumer-acceptable high-protein noodles (fresh and dry) were developed, using rice wine-lees flour in place of all-purpose flour. Chili pepper leaves flavor the noodles.
- We found that NSIC Rc 160 and Rc 222 are good sources of materials for the production of instant GABA rice congee and ready-to-eat GABA rice adobo.





Renz Romyl De Joya



# Strategic technology promotion

Our programs on rice breeding, integrated crop management, engineering, and value-adding help produce quality rice. We help foster quality life through technology education and knowledge-sharing and learning activities in rice-farming communities and gender-responsive projects.



- Knowledge products (KPs) were produced, uploaded, and distributed:
  - 102 new KPs (magazine, handouts, memes/graphics, catalogue, flyers, bulletins, posters, videos, and infographics) on various topics were made accessible on Pinoy Rice Knowledge Bank ([www.pinoyrice.com](http://www.pinoyrice.com)). These were circulated to about 150,000 farmers and extension workers.
  - Knowledge-sharing carried out through strategic media: 1) PhilRice Text Center responded to more than 20,000 text queries with 93% response rate (within 1 hour); 2) PhilRice official FB fan page ([rice.matters](https://www.facebook.com/rice.matters)) increased likes/followers by 470% with 704 posts on various R4D topics; 3) PhilRice on-air engagement was maintained by distributing 36 broadcast releases on various topics to all our radio station contacts nationwide; 3) PhilRice Youtube channel (PhilRiceTV) gained 628 new subscribers, with more than 200% increase from 2017.
- Technologies and practices were promoted through the Rice Science Museum:
  - Technologies featured in 24 major events/exhibits reaching more than 50,000 citizens
  - Oriented about 10,000 learners on rice technologies
  - Seven study guides for farmers, students (pre/ grade/ high schools, college), and the general public were developed
- Extension workers and farmers were educated on new farm technologies:
  - 8,000 stakeholders were gathered through field days
  - 5,500 participated in 142 training courses
  - 30 Filipino and African agriculture workers and researchers took up the two-month **Specialized Course on Rice Seed Production and Extension Methods**. They were trained to help strengthen rice production in Africa toward food and livelihood security in the region.



Renz Romyl De Joya



- New interpersonal knowledge-sharing and learning strategies were used in reaching and helping farmers:
  - PalayAralan, a bi-monthly seminar on rice production, was launched.
  - Three sets of courseware were developed for customized training courses: pest and disease management, and damage assessment for rice extensionists; agroecosystem analysis-based pest management for farmer-leaders; and production and exchange of inbred rice seeds for technical staff.
- About 117 knowledge-sharing and learning activities and 50 training courses conducted; around 125 technical experts dispatched .
- Eight RiceBIS (Rice Business Innovations System) communities were established across the country, grouped into 39 clusters covering 545 farmers.
  - Yields averaged 4.93t/ha in DS2018 and 5.03t/ha in WS, with an incremental increase of 100kg/ha from the 2017 average.







Renz Romyl De Joya



Renz Romyl De Joya



Renz Romyl De Joya

- In the Zaragoza, Nueva Ecija RiceBIS Community, a net income of P82,222 was earned from collective marketing. Individual farmers' income climbed by P2,925/ha.
- In some communities, farmers' net income grew by around P10,000/ha from P22,532 in 2017DS to P32,516 in 2018DS.
- About 45 ha of Mestiso 20 techno-demo sites were established in Tarlac, Pangasinan, Bulacan, Nueva Ecija, and Bataan. The variety yielded an average of 7t/ha.



# Highlights from PhilRice Stations



## AGUSAN

Attained a WS yield of 5.6t/ha with production cost of P8/kg in a field fertilized with 74 (N) -35 (P) -73 (K) kg applied in three splits combined with Zn. The country has an average rice yield of about 4t/ha produced at P12/kg.

## BATAC

Resurging moisture contents of rice seeds stored for 7 months in different vessels were validated:

Carbonized rice hull-insulated bin developed by the station: 0.1%

Uninsulated bin: 1.1%

Laminated sack: 9%

Results will help farmers in securing their seeds during extreme weather conditions.

## BICOL

Stress-prone rice areas and the number of farmers cultivating them in the Bicol and Eastern Visayas regions were identified. This basic information will help craft management strategies and a slew of location-specific technologies for these areas.





Jonalyn Q. Polipol

## BICOL



Ma. Jemah D. Retumban



## NEGROS

Keesha N. Bornaes



## LOS BAÑOS

Maria Sofia M. Canilao

## ISABELA

Parentals for Mestizo 1 and Mestizo 20 were produced, which the Department of Agriculture distributed to accredited hybrid rice seed cooperatives in Region 2 and Kalinga.

## LOS BAÑOS

Bred the NSIC 2018 Rc 544H (Mestizo 99) (see page 3 for details).

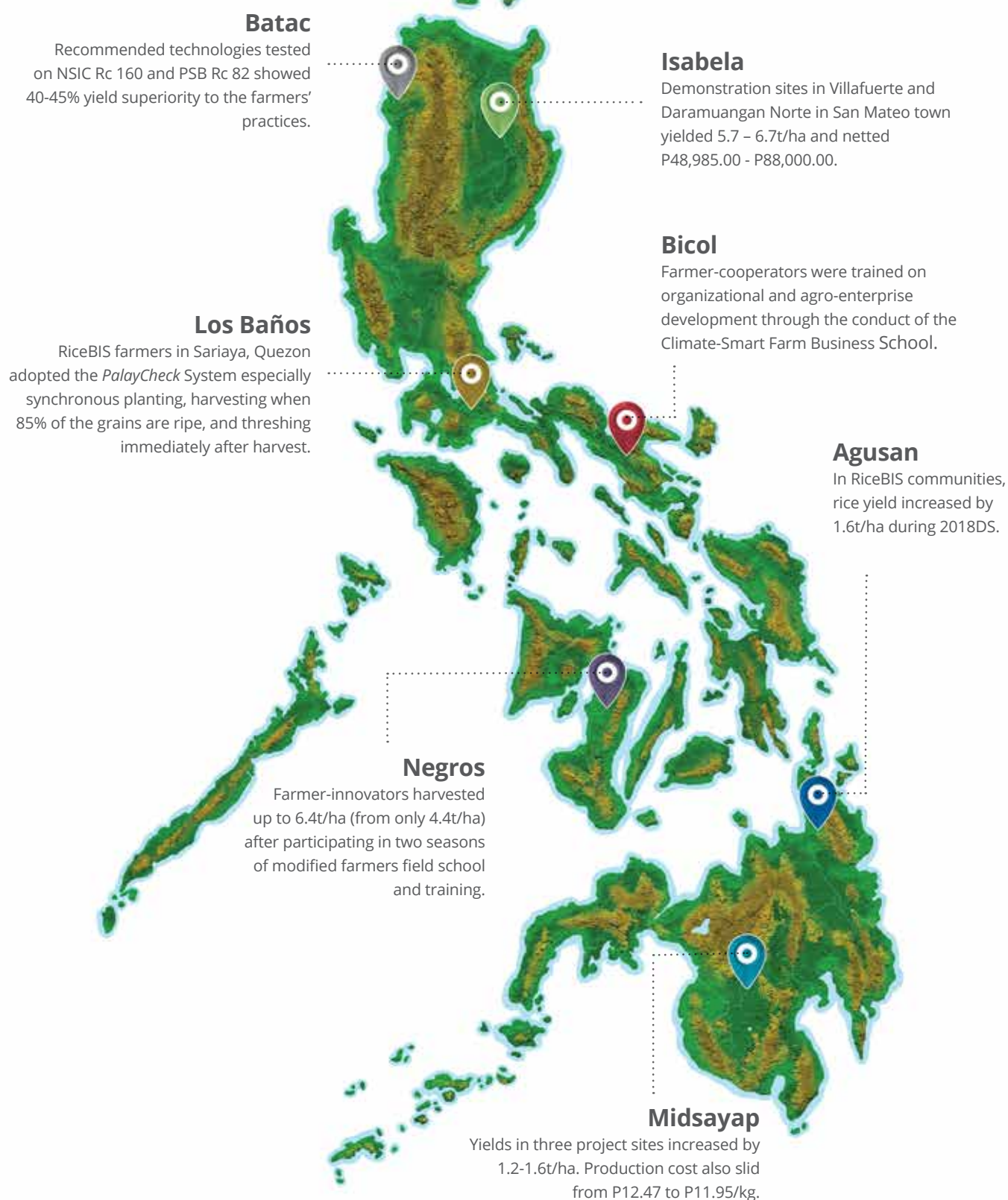
## MIDSAYAP

A gamma-irradiated rice line showed resistance to deadheart during the vegetative stage while seven genotypes were sturdy against whiteheads during maturity. Synchronous planting and three-month-long fallow period reduced green leafhopper population and tungro virus infection.

## NEGROS

In developing farm models, traditional and special rice lines named Minerva, Laila, Libtong, and Dinorado were selected for integration with upland crops and vegetables.

# Highlights from PhilRice Stations







Rachelle Marie C. Martin

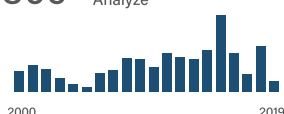
## Human resources

We energize our human resources so we can give more to our farmers.

- 88% of our 265 plantilla positions (excluding 21 co-terminous-with-the-incumbent positions) are filled up
- 20 (14 MS, 6 PhD) ongoing scholars in local and foreign universities
- 116 of our technical staff enjoy Magna Carta benefits
- We recorded 3,600 citations in international literature.
- 19 peer recognitions from local, regional, national, and international award-giving bodies were received, accentuated by two Presidential Lingkod Bayan and a Pag-asa awards from the Civil Service Commission. This feat is unprecedented.
- 16 awards for best paper and 38 for best poster were garnered
- 26 papers were published in international and national ISI and non-ISI journals
- 11 monographs, books, and book chapters were produced
- 4 technologies were protected with patents and industrial design

Total Publications

**309** Analyze



*h*-index

**34**

Average citations per item

**14.53**

Sum of Times Cited

**4,490**

Without self-citations

**4,240**

Citing articles

**3,708** Analyze

Without self-citations

**3,604** Analyze



Photographer: Name M. Surname

PhilRice Photo

## Gender and Development (GAD)

was institutionalized in our projects and activities

- 38% of which have gender components.
- 18.52% of our total budget was allocated to GAD.
- Gender-sensitivity seminars, and gender leadership training courses, diversity, and inclusiveness for project leaders and management teams were conducted.
- Studies on women's roles in key farm resources were pursued.



Jonathan S. Concepcion



Renz Romyl De Joya





Carlo G. Dacumos

## Quality management

We uphold standards in our products, services, and operations. We maintained our certifications on Integrated Management System with a significant decrease in minor non-conformities. We now belong to the 2015 versions of the Quality/Environment Management Systems standards.

We also applied for the Philippine Quality Award, the highest level of national recognition for exemplary organizational performance.

Information and Communications Technology tools in our procurement, financial, and human resource management were upgraded.

## Budget utilization

Only 1.01% of our budget was left unspent, way above our target of at least 90% spending.

Government subsidy totaled P778.359M – a 39% growth from 2017's P561M – for the institute's operations, continued modernization and improvement of our research laboratories, and operationalization of the Philippine Rice Information System (PRISM) unit. External grants helped sustain our R4D operations.



Mohamadsaid B. Gandawali





**Multi-purpose building, PhilRice Zamboanga Satellite Station**



**DA-Crop Biotechnology Center Laboratory and Plenary Building**

Jayvee A. Garcia



**Germplasm Resources Laboratory**





PhilRice Photo



Novelyn S. Moises

## Infrastructure and facilities

Forty-nine infrastructure and repair and maintenance projects were undertaken, including 21 carry-over projects from 2017. More than half of the projects are now completed. Among the largest construction projects are the multi-purpose building at PhilRice Zamboanga Satellite Station, Crop Biotechnology Center, and Germplasm Resources Laboratory.



**DA-Crop Biotechnology Center Laboratory and Plenary Building**

Novelyn S. Moises



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Dela Cruz, Arlen A. - Senior Science Research Specialist

Santiago, Errol V. - Senior Science Research Specialist

Caguiat, Joanne D. - Senior Science Research Specialist

Pacada, Imeldalyn G. - Senior Science Research Specialist

Ordonio, Reynante L. - Senior Science Research Specialist

Gramaje, Leonilo V. - Senior Science Research Specialist

Barroga, Wilhelmina V. - Science Research Specialist II

Cabusora, Christopher C. - Science Research Specialist II

Pariñas, Julieta F. - Science Research Specialist I

## Rice Chemistry and Food Science Division

Romero, Marissa V. - Chief Science Research Specialist

Bandonill, Evelyn H. - Supervising Science Research Specialist

Ramos, Riza A. - Supervising Science Research Specialist

Mamucod, Henry F. - Senior Science Research Specialist

Duldulao, Joy Bartolome A. - Senior Science Research Specialist

Corpuz, Henry M. - Senior Science Research Specialist

Manaois, Rosaly V. - Senior Science Research Specialist

Bulatao, Rodel M. - Science Research Specialist II

Morales, Amelia V. - Science Research Specialist I

## Agronomy, Soils, and Plant Physiology Division

Quilang, Eduardo Jimmy P. - Chief Science Research Specialist

Juliano, Leylani M. - Supervising Science Research Specialist

Corales, Rizal G. - Supervising Science Research Specialist

Javier, Evelyn F. - Supervising Science Research Specialist

Collado, Wilfredo B. - Supervising Science Research Specialist

De Dios, Jovino L. - Supervising Science Research Specialist

Malabayabas, Myrna D. - Senior Science Research Specialist

Capistrano, Ailon Oliver V. - Senior Science Research Specialist

Seville, Cherryll U. - Senior Science Research Specialist

Cruz, Jayvee A. - Senior Science Research Specialist (Scientist I)\*

Talavera, Mel Anthony T. - Senior Science Research Specialist

Cañete, Sandro D. - Science Research Specialist II

Espiritu, Annie E. - Science Research Specialist II

Grospe, Filomena S. - Science Research Specialist I

Espiritu, Alex J. - Science Research Specialist I

## Crop Protection Division

Rillon, Genaro S. - Chief Science Research Specialist

Niones, Jennifer T. - Supervising Science Research Specialist

Dela Peña, Fe A. - Supervising Science Research Specialist

Martin, Edwin C. - Supervising Science Research Specialist

Santiago, Gilely D. - Senior Science Research Specialist

Valdez, Evelyn M. - Senior Science Research Specialist

Donayre, Dindo King M. - Senior Science Research Specialist (Scientist I)\*

Rillon, Juliet P. - Senior Science Research Specialist

Marquez, Leonardo V. - Senior Science Research Specialist

Duca, Ma. Salome V. - Science Research Specialist II

Avellanoza, Eleanor S. - Science Research Specialist II

Santiago, Salvacion E. - Science Research Specialist I

### **Rice Engineering and Mechanization Division**

Regalado, Manuel Jose C. - Chief Science Research Specialist (Scientist I)  
Bautista, Elmer G. - Supervising Science Research Specialist  
Orge, Ricardo F. - Supervising Science Research Specialist (Scientist I)  
Ramos, Paulino S. - Senior Science Research Specialist  
Catudan, Bethzaida M. - Senior Science Research Specialist  
Ramos, Joel A. - Senior Science Research Specialist  
Pascual, Kristine S. - Senior Science Research Specialist  
Miano, Joey P. - Science Research Specialist II  
Abon, John Eric O. - Science Research Specialist II  
Villota, Katherine C. - Science Research Specialist I

### **Genetic Resources Division**

Niones, Jonathan M. - Chief Science Research Specialist  
Brena, Susan R. - Supervising Science Research Specialist  
Caguiat, Xavier Greg I. - Senior Science Research Specialist  
Ferrer, Marilyn C. - Senior Science Research Specialist  
Mananghaya, Teodora E. - Science Research Specialist II  
Newingham, Maria Cristina V. - Science Research Specialist I

### **OFFICE OF THE DEPUTY EXECUTIVE DIRECTOR FOR DEVELOPMENT**

Barroga, Karen Eloisa T. - Deputy Executive Director IV  
Lisondra, Joybeth N. - Executive Assistant III  
Baldovino, Arlene S. - Administrative Assistant V  
Gonzales, Roberto E. - Administrative Aide V

### **Development Communication Division**

Layaoen, Myriam G. - Senior Science Research Specialist  
Manalo, Jaime A. IV - Senior Science Research Specialist  
Lanuza, Andrei B. - Senior Science Research Specialist  
Antonio, Hazel V. - Senior Science Research Specialist  
Manalo, Hanah Hazel Mavi B. - Science Research Specialist II  
Dacumos, Carlo G. - Creative Arts Specialist II  
Nidoy, Mary Grace M. - Science Research Specialist I

### **Technology Management and Services Division**

Abaoag, Lea D. - Supervising Science Research Specialist  
Corales, Aurora M. - Supervising Science Research Specialist  
Ilar, Glenn Y. - Supervising Science Research Specialist  
Pineda, Rowena A. - Senior Science Research Specialist  
Pascual, Joel V. - Senior Science Research Specialist  
Angeles, Ev P. - Senior Science Research Specialist  
Manalang, Marvin D. - Science Research Specialist II  
Galapon, Jerome V. - Science Research Specialist I

### **Community Relations Office**

Gonzales-Esmero, Diadem B. - Supervising Science Research Specialist

### **OFFICE OF THE DEPUTY EXECUTIVE DIRECTOR FOR ADMINISTRATIVE SERVICES AND FINANCE**

Montecalvo, Abner T. - Deputy Executive Director IV  
Aquino, Recille G. - Executive Assistant III  
Dela Cruz, Ronaldo J. - Administrative Aide IV

### **Administrative Support Division**

Borja, Sophia T. - Chief Administrative Officer  
Ravelo, Glenda D. - Supervising Administrative Officer  
Alonzo, Fe G. - Property Officer V  
Gibe, Ma. Ethel P. - Administrative Officer V  
Villaroman, Grace S. - Supply Officer III  
Tibayan, Ma. Cielo J. - Dormitory Manager III  
Molina, Elizabeth P. - Human Resource Management Officer II  
Miranda, Guadalupe C. - Public Relations Officer II  
Requito, Jasmin G. - Cashier II  
Dilla, Myline A. - Records Officer II

### **Financial Management Division**

Corpuz, Mary Grace D. - Supervising Administrative Officer  
Giray, Adelaida B. - Supervising Administrative Officer  
Reyes, Babyllinda O. - Accountant III  
Salvador, Marychelle B. - Administrative Officer V  
Hibionada, Felylee B. - Administrative Assistant III

### **Physical Plant Division**

Bajit, Renato B. - Chief Administrative Officer  
Orge, Hazel Jane M. - Supervising Administrative Officer  
Noriega, Antonio S. Jr. - Engineer III  
Irang, Reynaldo E. - Farm Superintendent III  
Narca, Gina B. - Engineer II  
James, Joel G. - Land Management Officer II  
Ramos, Elizabeth C. - Administrative Assistant III

### **Business Development Division**

Bongat, Fidela P. - Division Chief III  
Serapion, Jerry C. - Intellectual Property Rights Specialist IV  
Narvadez, Chona Mae S. - Sales and Promotion Supervisor IV  
Alfon, Hazel B. - Sales and Promotion Supervisor III  
Capistrano, Maureen P. - Sales and Promotion Supervisor III  
Orcino, Jose A. - Sales and Promotion Supervisor II  
Cruz, Rodjason B. - Warehouseman II

## **BRANCH STATIONS**

### **AGUSAN**

Bondad, Rochelle Marie P. - Administrative Officer IV  
Mabayag, Noel O. - Farm Superintendent II  
Agudia, Joy T. - Administrative Officer I  
Cadiz, Irma O. - Administrative Assistant II  
Abao, Nievalin B. - Warehouseman I

### **Research Division**

Estoy, Gerardo F. - Chief Science Research Specialist  
Nemeño, Genevive A. - Supervising Science Research Specialist  
Bastasa, Dexter B. - Science Research Specialist II  
Rivas, Sharen T. - Science Research Specialist I



### Development Division

Reyes, Jasmin J. - Chief Science Research Specialist  
Zagado, Ronan G. - Supervising Science Research Specialist  
Magahud, Jehru C. - Senior Science Research Specialist  
Tabudlong, Belen M. - Science Research Specialist II  
Tape, Alona P. - Science Research Specialist I

### PHILRICE- CMU FIELD OFFICE

Villarina, Jerry C. - Farm Superintendent I  
Dahino, Ivy Pearl B. - Warehouseman I

## BATAC

Castro, Reynaldo C. - Director I  
Ganotisi, Rosana Sabella O. - Administrative Officer I  
General, Daryl F. - Farm Superintendent I  
Seguritan, Clarivel O. - Administrative Assistant II  
Penera, Mildred L. - Warehouseman I

### Research Division

Juliano, Arnold S. - Supervising Science Research Specialist  
Alibuyog, Anielyn Y. - Senior Science Research Specialist  
Taguda, Lex C. - Science Research Specialist II  
Pojas, Sonia V. - Science Research Specialist I

### Development Division

Baradi, Mary Ann U. - Chief Science Research Specialist  
Abrogena, Nida Q. - Supervising Science Research Specialist  
Maloom, Juanito M. - Senior Science Research Specialist  
Maoirat-Abad, Mae Rose - Science Research Specialist II  
Martin, Nonilon I. - Science Research Specialist I

## BICOL

Dollentas, Rona T. - Supervising Science Research Specialist  
De Peralta, Melanie Aileen C. - Senior Science Research Specialist  
Espiritu, Lovely P. - Administrative Officer III  
Mirandilla, Jean Rochielle F. - Science Research Specialist I  
Dela Cruz, Gideon F. - Administrative Officer I  
Sienes, Junior A. - Farm Superintendent I  
Merced, Richelle Q. - Administrative Assistant II  
De La Torre, Neil P. - Warehouseman I

## ISABELA

Javier, Leo C. - Director I  
Ramos, Fidel M. - Farm Superintendent II  
Padilla, Michelle C. - Administrative Officer III  
Mandac, Hiyasmin R. - Administrative Officer I  
Guillermo, Juanita C. - Administrative Officer I  
Obana, Angelita B. - Warehouseman I

### Research Division

Manigbas, Norvie L. - Chief Science Research Specialist (Scientist I)  
Valdez, Rene E. - Supervising Science Research Specialist  
Amar, Gracia B. - Senior Science Research Specialist  
Pasicolan, Helen R. - Senior Science Research Specialist  
Dela Cruz, Andres L. - Science Research Specialist II  
Sosa, Nymfa S. - Science Research Specialist I

### Development Division

Ramos, Mario R. - Chief Science Research Specialist  
Garcia, Fernando D. - Senior Science Research Specialist  
Baloy, Maritha M. - Science Research Specialist II  
Acierto, April Joy B. - Science Research Specialist I

## LOS BAÑOS

Relado, Rhemilyn Z. - Director I  
Lapitan, Victoria C. - Chief Science Research Specialist  
Angeles, Noriel M. - Senior Science Research Specialist  
Sajise, Edelweiss E. - Senior Science Research Specialist  
Quimbo, Michelle C. - Senior Science Research Specialist  
Mondejar, Cielo Luz C. - Science Research Specialist I  
De Guzman, Kristofferson C. - Administrative Officer I  
Gonzalvo, Belinda M. - Administrative Assistant II

## MIDSAYAP

Muyet, Virgilio F. - Farm Superintendent II  
Ducao, Honalee A. - Administrative Officer III  
Galvez, Rizalina F. - Administrative Officer I  
Astillo, Marifel A. - Administrative Officer I  
Escabarte, Ma. Teresa A. - Administrative Officer I  
Romarez, Marissa C. - Warehouseman I

### Research Division

Torreña, Pernelyn S. - Supervising Science Research Specialist  
Olvida, Imelda D. - Senior Science Research Specialist  
Perialde, Evelyn S. - Senior Science Research Specialist  
Boholano, Isagane V. - Science Research Specialist II  
Sumlay, Datu Ali N. - Science Research Specialist I

### Development Division

Abdulkadil, Ommal H. - Chief Science Research Specialist  
Balleras, Gina D. - Supervising Science Research Specialist  
Cantila, Aldrin Y. - Senior Science Research Specialist  
Dela Cruz, Dante C. - Science Research Specialist II  
Sabes, Peter Lyod P. - Science Research Specialist I

## NEGROS

Tado, Caesar Joventino M. - Director I  
Cabanayan, Maricris S. - Administrative Officer I  
Pajarillo, Hermie A. - Farm Superintendent I  
Alvarez, Joey E. - Warehouseman I

### Research Division

Suralta, Roel R. - Chief Science Research Specialist (Scientist II)  
Tallada, Jasper I. - Supervising Science Research Specialist  
Sta. Ines, Leo T. - Senior Science Research Specialist  
Cordova, Jose Arnel E. - Science Research Specialist II  
Palanog, May O. - Science Research Specialist I

### Development Division

Suñer, Albert Christian S. - Supervising Science Research Specialist  
Palanog, Alvin D. - Senior Science Research Specialist  
Salazar, Babylyn T. - Science Research Specialist II

# Awards

## DANGAL NG PHILRICE AWARDS

### OUTSTANDING EMPLOYEES

#### Service Contractors

Outstanding Junior Researchers

**John Paulo A. Samin**

Special Citation: **Gerome A. Corpuz**

Outstanding Senior Development Workers

**Elmer D. Alosnos**

Special Citation: **Charisma Love B. Gado-Gonzales**

Outstanding Junior Development Workers

**Jungie Q. Amacanin-Diamsay**

Special Citation: **Maribel B. Alupay**

Outstanding General Administrative Support Staffers

**Jennylyn Arang , Daryl F. General**

Special Citation: **Jhunn Mark C. Bragais**

Outstanding Field Workers

**Ernel B. Puyot**

Special Citation: **Alvin G. Audencial**

Outstanding Laboratory Workers

**Bernardo S. Peralta**

Special Citation: **Jerry D. Adriano**

Outstanding Drivers

**Ariel A. Patricio (+)**

Special Citation: **Mario B. Gallego - Edwin G. Noja**

Outstanding Skilled Workers

**Alejandro M. Mata Jr.**

Special Citation: **Felomino N. Dacles**

Outstanding Utility Workers

**Dante Maximilian L. Reyes**

Special citation: **Leonora S. Quemquem**

### INDIVIDUAL REGULAR EMPLOYEES

Outstanding Senior Researchers

**Marissa V. Romero**

Special Citation: **Wilfredo B. Collado - Riza G. Abilgos-Ramos**

Outstanding Junior Researchers

**Amelia V. Morales**

Special Citation: **Jerome V. Galapon**

Outstanding Senior Development Worker

**Joel V. Pascual**

Outstanding Junior Development Workers

**Andres L. Dela Cruz Jr.**

Special Citation: **Hanah Hazel Mavi B. Manalo,**

**Jose Arnel E. Cordova**

Outstanding Administrative Middle Managers

**Myline A. Dilla - Marychelle B. Salvador**

Special Citation: **Fidel M. Ramos**

Outstanding General Administrative Support Staffer

**Richelle C. Merced**

Outstanding Officials

**Rhemilyn Z. Relado**

Special Citation: **Aurora M. Corales - Aurea M. Cabana-Cosio**

## NATIONAL AND REGIONAL AWARDS

### NATIONAL

**Sailila E. Abdula**

2018 Presidential Lingkod Bayan Awardee.

Civil Service Commission. 27 September 2018. Malacañang

**Norvie L. Manigbas**

2018 Presidential Lingkod Bayan Awardee. Civil Service Commission

2018 Regional Gawad Saka Award for Outstanding Agricultural Scientist

**Roger F. Barroga**

2018 PAGASA Awardee. Civil Service Commission

**Ricardo F. Orge**

2017 Manila Water Foundation Inc. Engineering Excellence Awardee.

13 February 2018. Quezon City

**Jayvee A. Cruz - Dindo King M. Donayre**

Conferment as Scientist I. DOST-Scientific Career System.

December 2017

**Jayson C. Berto**

Agri Photo Journalist of the Year. 2017 Philippine Agricultural

Journalists Inc. and San Miguel Corporation (PAJ-SMC) Binhi Awards.

22 March 2018. Makati City

**Alexis T. Belonio, Manuel Jose C. Regalado,**

**Katherine C. Villota, and Phoebe R. Castillo**

Grand Winners- Professional Category (Rice Husk-Fueled Crude

Bioethanol Distiller). 2018 Alfredo M. Yao Intellectual Property

Awards. Philippine Chamber of Commerce and Industry.

18 October 2018. Manila

**National Rice Awareness Month (2 staff)**

Agri Information and Media Campaign of the Year.

2017 PAJ-SMC Binhi Awards

**PhilRice Magasin**

Agriculture Magazine of the Year. 2017 PAJ-SMC Binhi Awards

**PhilRice**

Gawad Yamang Isip: Special Award. Intellectual Property

Convergence 2018. 26 April 2018. Makati City

### REGIONAL

**Ashlee P. Canilang**

Assisting Technical Extension Worker. Regional Gawad Saka.

DA-Regional Field Office 3. 7 September 2018. Pampanga

**Jonathan M. Niones**

2018 Presidential Lingkod Bayan Award Regional Winner. Honor

Awards Program. Civil Service Commission-Region 3. 12 September

2018. San Fernando City, Pampanga

**FutureRice Farm**

Good Agricultural Practices (GAP) certification. Bureau of

Agriculture and Fisheries Standards. 3 November 2017.

DA-RFO 3, San Fernando City, Pampanga



### PhilRice Batac

Sambayanang Itinataguyod ang Kaalamang Agrikultura at Pangisdaan (SIKAP). Agricultural Training Institute-Regional Training Center 1. 7 March 2018. Sta. Barbara, Pangasinan

### PhilRice Genebank

2018 Presidential Lingkod Bayan Award Regional Winner. Honor Awards Program. Civil Service Commission-Region 3. 12 September 2018. San Fernando City, Pampanga

## INTERNATIONAL AWARDS

### Roel R. Suralta

Best Published Paper in 2016 (Developmental Plasticity of Rice Root System Grown under Mild Drought Stress Condition with Shallow Soil Depth: Comparison between Nodal and Lateral Roots). Japanese Society of Crop Science. April 2018

### Joanne D. Caguait

Best in Oral Presentation (Hybrids Developed from Pollen Parents Derived from Anther Culture Towards Increasing Rice Yield). 2nd International Conference on Multidisciplinary Research in Higher Education. 27-29 September 2018. Zamboanga City

### Rice Science Museum

Finalist - 2017 Global Reimagine Education Sustainability Award. Wharton University of Pennsylvania, USA

### PhilRice

Japan International Cooperation Agency (JICA) Chief Representative Awardee. 17 January 2018. Makati City

### Mushroom Feast:

#### A Collection of Filipino Mushroom Recipes

2nd Place - Truffles and Mushroom category. 2018 Gourmand World Cookbook Awards. 26-27 May 2018. Yantai, China

### PhilRice Tapuy (Rice Wine) Cookbook and Cocktails

3rd Place - Cocktails category.

2018 Gourmand World Cookbook Awards





**Philippine Rice Research Institute**  
Central Experiment Station  
Maligaya, Science City of Muñoz, 3119 Nueva Ecija

## CONDENSED STATEMENT OF FINANCIAL POSITION AND FUNDS (Corporate, BDD, Trust Funds)

As of December 31, 2018

	2018	2017
<b>ASSETS</b>		
<b>Current Assets</b>		
Cash and Cash Equivalents	1,390,104,785.98	1,221,500,836.15
Receivables	297,597,851.52	247,354,723.06
Inventories	100,754,363.12	94,442,476.27
Other Current Assets	113,285,724.79	28,883,210.70
<b>Total Current Assets</b>	<b>1,901,742,725.41</b>	<b>1,592,181,246.18</b>
<b>Non-Current Assets</b>		
Property, Plant and Equipment	1,030,512,197.26	820,769,750.12
Biological Assets	3,377,330.80	3,377,330.80
<b>Total Non-Current Assets</b>	<b>1,033,889,528.06</b>	<b>824,147,080.92</b>
<b>TOTAL ASSETS</b>	<b><u>2,935,632,253.47</u></b>	<b><u>2,416,328,327.10</u></b>
<b>LIABILITIES</b>		
<b>Current Liabilities</b>		
Financial Liabilities	510,749,291.79	314,197,037.50
Inter- Agency Payables	428,546,914.40	422,127,526.68
Intra- Agency Payables	115,865,128.80	87,900,159.57
Trust Liabilities	2,330,398.38	2,313,122.49
Deferred Credits	10,336,854.39	11,405,527.77
Other Payables	335,690,633.72	368,666,827.36
<b>Total Current Liabilities</b>	1,403,519,021.48	1,206,610,201.37
<b>TOTAL LIABILITIES</b>	<b>1,403,519,021.48</b>	<b>1,206,610,201.37</b>
<b>TOTAL NET ASSETS (Total Assets less Liabilities)</b>	<b><u>1,532,113,232.00</u></b>	<b><u>1,209,718,125.73</u></b>
<b>NET ASSET/ EQUITY</b>		
<b>Equity</b>		
Government Equity	1,532,113,232.00	1,209,718,125.73
<b>TOTAL NET ASSETS/ EQUITY</b>	<b><u>1,532,113,232.00</u></b>	<b><u>1,209,718,125.73</u></b>

# Roster Of Partners, 2018

## INTERNATIONAL

- Asia Rice Foundation
- Asian Farmers' Regional Network
- Asian Food and Agriculture Cooperation Initiative
- Australian Centre for International Agricultural Research
- Bill and Melinda Gates Foundation
- Enertime SAS, France
- German Development Cooperation
- Helmholtz Center for Environmental Research, Germany
- International Atomic Energy Agency
- International Rice Research Institute
- International Crops Research Institute for the Semi-Arid Tropics
- Japan International Cooperation Agency
- Japan International Research Center for Agricultural Sciences
- Kasetsart University, Thailand
- Korea International Cooperation Agency
- Nagoya University, Japan
- Royal University of Agriculture (Cambodia)
- ROTHAMSTED Research, UK
- Rural Development Administration, Republic of Korea
- RDA- Korea Project on International Agriculture
- Sarmap S.A., Switzerland
- Southeast Asian Regional Center for Graduate Study and Research in Agriculture
- Southeast Asia Ministers of Education Organization-Regional Center for Food and Nutrition
- United States Department of Agriculture
- University of Bonn, Germany
- Yezin Agricultural University (Myanmar)

## LOCAL PARTNERS

- ABS-CBN
- Acacia Hotel Manila
- AG New World Manila Bay Hotel
- Agricultural Training Institute- RTC 1.; RTC 2; RTC 6; Dinalupihan
- Agri-Machinery Manufacturers
- AIM Conference Center Manila
- Aloha Hotel
- Annabel's Fine Dining Restaurant
- Armed Forces of the Philippines
- Bacolod Chicken Inasal
- Bayview Park Hotel
- Benguet Heirloom Rice Farmers Agricultural Cooperative
- Bureau of Fisheries and Aquatic Resources
- Bureau of Plant Industry- National Seed Quality Control Services 1
- Bureau of Soils and Water Management
- Butil Partylist through Rep. Cecilia Chavez
- Century Park Hotel
- Cherry Blossoms Hotel
- Civil Service Commission
- Cooperative Development Authority - Cabanatuan City, Nueva Ecija
- Cravings Food Services Inc.
- CYMA Greek Taverna Co.
- Department of Agrarian Reform - MARO Murcia, North Negros Occidental, Cabanatuan City
- Department of Agriculture (various offices, centers, programs)
- Department of Budget and Management
- Department of Education
- Department of Environment and Natural Resources
- Department of the Interior and Local Government
- Department of Labor and Employment

- Department of National Defense
- Department of Science and Technology
- Department of Social Welfare and Development
- Department of Trade and Industry - Cabanatuan City
- Fertilizer and Pesticide Authority
- Food Development Center, National Food Authority
- Go Share Philippines
- Hotel and Restaurant Association of the Philippines
- Hotel Rembrandt
- Ilocos Agriculture, Aquatic Resources Research and Development Consortium
- Ilustrado Restaurant
- Industrial Technology Development Institute, DOST
- Isabela Mayflower, Incorporated
- Kalinga Heirloom Rice Farmers Agricultural Cooperative
- Landbank of the Philippines
- LJC Restaurant Group
- MarDag RiceBIS Association
- Metropolitan Manila Development Authority
- Mountain Province Heirloom Rice Farmers Agricultural Cooperative
- National Commission on Indigenous Peoples
- National Commission for Culture and the Arts
- National Economic and Development Authority
- National Fisheries Research and Development Institute- Fisheries Biotechnology Center
- National Irrigation Administration - Bago River Irrigation System, Region VI, Region 1, Magat River Irrigation System Division 2
- National Nutrition Council
- National Telecommunications Commission
- National Tobacco Authority
- Northern Foods Corporation
- NutriDense Food Manufacturing Corporation
- Nutrition and Dietetics Department, Adventist University of the Philippines, Silang, Cavite
- P.I. Farm Products, Inc. (Lakas Kuliglig)
- Philippine Carabao Center
- Philippine Center for Postharvest Development and Mechanization
- Philippine Council for Agriculture, Aquatic, and Natural Resources Research and Development
- Philippine Crop Insurance Corporation
- Philippine National Police
- Philippine Statistics Authority
- Pinagbuklod na Adhika Agricultural Cooperative - Macarse, Zaragoza, Nueva Ecija
- PNP National Headquarters, DNA Analysis Laboratory, Camp Crame, Quezon City
- RAED- Region VI
- Regional Crop Protection Center - Philippines
- RiceBIS Negros Agrarian Reform Cooperative
- School of Chemical Engineering and Chemistry, MAPUA University,
- Serye Restaurant & Cafe
- Sitio Timawa Organic Farmer Association
- Sofitel Philippine Plaza Manila
- Sun Life Financial
- Technical Education and Skills Development Authority- Pangasinan Technical Institute
- The Bellevue Manila
- The Heritage Hotel Manila
- The Linden Suites
- The Manila Hotel
- Tison-Aida Farmers' Association
- Ugat-Uhay Farmers' Association - Mayamot, Zaragoza, Nueva Ecija
- Vidanes Celebrity Management
- Villar Sipag Foundation
- Ynna Asistio - Rice Ambassador

## STATE UNIVERSITIES AND COLLEGES/ SCIENCE HIGH SCHOOLS

- Abra State Institute of Sciences and Technology
- Bacarra National Comprehensive High School, Ilocos Norte
- Cansilayan National High School, Murcia, Negros Occidental
- Central Luzon State University
- Department of Chemistry, College of Science, Tarlac State University
- Don Mariano Marcos Memorial State University, La Union
- Ferdinand E. Marcos Senior High School, Ilocos Norte
- General Artemio Ricarte Senior High School, Ilocos Norte
- Guihulungan National Agricultural School, Guihulungan City, Negros Oriental
- Ilocos Norte Agricultural College/ National High School
- Ilocos Sur Polytechnic State College
- Immaculate Conception Academy
- Institute of Biological Sciences, University of the Philippines Los Baños
- Institute of Veterinary Medicine and Zootechnics, Pampanga State Agricultural University
- Mariano Marcos State University
- Negros Oriental State University
- North Luzon Philippines State College
- Pampanga State Agricultural University
- Pangasinan State University
- Philippine Science High School - Ilocos Region Campus
- Sarra National High School, Ilocos Norte
- St. La Salle University, Bacolod City
- University of Northern Philippines
- University of the Philippines Diliman
- University of the Philippines Los Baños
- University of the Philippines Manila
- Urdaneta City University
- Western Visayas Agricultural Research Center

## MUNICIPAL/ CITY LGUS

- Abulug, Cagayan • Alfonso Lista, Ifugao • Alfonso, Cavite
- Bagac, Bataan • Bakun, Benguet
- Barlig, Mountain Province • Cabangan, Zambales
- Cabatuan, Iloilo • Casiguran, Aurora
- Cauayan City, Isabela • Diffun, Quirino
- Guimba, Nueva Ecija • Hinigaran, Negros Occidental
- Hungduan, Ifugao • Iba, Zambales
- Kayapa, Nueva Vizcaya • Kiangnan, Ifugao
- Leon, Iloilo • Limay, Bataan • Lubuagan, Kalinga •
- Mayoyao, Ifugao • Miag-ao, Iloilo
- Murcia, Negros Occidental • Oton, Iloilo • Roxas, Isabela
- San Luis, Aurora • San Mateo, Isabela
- Santiago City, Isabela
- Science City of Munoz, Nueva Ecija • Solana, Cagayan
- Sta Teresita, Cagayan • Sta. Barbara, Iloilo
- Tabuk City, Kalinga • Tuguegarao City, Cagayan •
- Tumauini, Isabela • Umingan, Pangasinan
- Victorias City, Negros Occidental
- Zaragoza, Nueva Ecija

## PROVINCIAL LGUS

- Aurora • Bataan • Benguet • Ifugao • Kalinga
- Mountain Province • Negros Occidental • Nueva Ecija
- Zambales • Bohol • Cagayan • Isabela • Abra
- Apayao • Ilocos Norte • Ilocos Sur • La Union
- Pangasinan • Quirino













We are a government corporate entity (Classification E) under the Department of Agriculture. We were created through Executive Order 1061 on 5 November 1985 (as amended) to help develop high-yielding and cost-reducing technologies so farmers can produce enough rice for all Filipinos.

With our "Rice-Secure Philippines" vision, we want the Filipino rice farmers and the Philippine rice industry to be competitive through research for development work in our central and seven branch stations, coordinating with a network that comprises 60 agencies strategically located nationwide.

We have the following certifications: ISO 9001:2015 (Quality Management), ISO 14001:2015 (Environmental Management), and OHSAS 18001:2007 (Occupational Health and Safety Assessment Series).

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