

# Social

Entrepreneurship

# Amidst

Climate Change

# REGIONAL LIVESTOCK CONVENTION AND OUTREACH PROGRAM

September 27-28,2012 University of La Salette, Santiago City San Agustin, Isabela











9th Annual Conference of the Asian Reproductive Biotechnology Society

and

49th Annual Convention of the Philippine Society of Animal Science

# FRONTIERS IN BIOTECHNOLOGY for FOOD, HEALTH & BIODIVERSITY

### **OCTOBER 23-28, 2012**

EDSA Shangri-la, Ortigas Center Mandaluyong City

Scientific papers for oral and poster presentations are invited.

Deadline of Abstract submission is August 30, 2012

Submit your entries at www.arbsociety.org

### ASIAN REPRODUCTIVE BIOTECHNOLOGY SOCIETY

Tel. No: 82 2 450-3679 • Fax: 82 2 444-6830 • E-mail: 2012-arbs@arbsociety.org

### PHILIPPINE SOCIETY OF ANIMAL SCIENCE

Telefax Nos.: + 63 49 536-2729, + 63 49 536-2547, + 63 49 536-3423 • E-mail: psas.national@gmail.com

### PHILIPPINE CARABAO CENTER



### THE PHILIPPINE SOCIETY OF ANIMAL SCIENCE-CAGAYAN VALLEY Department of Agriculture-Regional Field Office No. 02

Government Center, Carig, Tuguegarao City, Cagayan, Philippines 3500 Telefax: 078-304-1022; Email Address: PSAS\_CV@yahoo.com





### MESSAGE

Warmest Greetings to all the PSAS members and guests to this year's Regional Convention and Outreach Program!

The theme for this year's convention is "Social Entrepreneurship Amidst Climate Change". The PSAS Cagayan Valley members works with its member societies and allied professional organizations in organizing activities for the continuing education of Veterinarians, Livestock Specialists, Researchers and other Stakeholders for the advancement of the Livestock Industry. Likewise, in this era of climate change, we members endeavour to play critical roles in gathering necessary resources (people, volunteers, money, premises) and use these to "MAKE A DIFFERENCE".

We hope that this Convention will catalyze stronger ties among PSAS members not only in Cagayan Valley but in the whole of the North & Central Luzon cluster, renew one's commitment to frog leap growth and development in the Cluster.

I hope that the Society members shall strive making significant contributions for the socio-economic development in the NCLC cluster.

Thank you to all those who in one way or the other have made this event a Milestone.

Best wishes to everyone and MABUHAY po tayong lahat!!!

DR. GERONIMA G. LUDAN

President, Cagayan Valley Chapter / Vice-President, PSAS National



### THE PHILIPPINE SOCIETY OF ANIMAL SCIENCE-CAGAYAN VALLEY

Department of Agriculture-Regional Field Office No. 02

Government Center, Carig, Tuguegarao City, Cagayan, Philippines 3500

Telefax: 078-304-1022; Email Address: PSAS\_CV@yahoo.com



### OFFICERS, 2011-2012



**DR. GERONIMA G. LUDAN**President



MR. CHARLES T. LIM
Vice President



MS. AUBREY JOY BALBIN
Secretary



MS. LUZVIMINDA MECATE
Treasurer



MS. EDELINA B. RELLIN Auditor

### **BOARD OF DIRECTORS:**



DR. JONATHAN N. NAYGA



MR. DEMETRIO GUMIRAN



MR. HITLER DANGATAN



DR. BELINA BARBOSA



MS. OFELIA CATENZA



**DR. FRANKLIN T. RELLIN** Immediate-Past President

### **PROGRAM OF ACTIVITIES**

### Activity/Venue

### Day 1, September 27, 2012

### Center for Professional Development Hall (3<sup>rd</sup> Floor)

### LA SALETTE UNIVERSITY

Santiago City, Isabela

7:00 – 9:00 AM Registration starts

Part I. 9:00-11:00 AM Opening Program

Invocation Philippine Society of Animal Science – Cagayan Valley

**Chapter Members** 

Singing of the National Anthem Overture

Introduction of Participants Dr. Belina Barbosa

Provincial Veterinary Office of Isabela

Welcome Address Fr. Franklin G. Picio

President, University of La Salette

Intermission Number ISU / Socio-cultural group

PSAS Trivia Dr. Geronima G. Ludan

President- PSAS Cagayan Valley Chapter

Opening Message Mr. Lucrecio R. Alviar, Jr., CESO III

Regional Executive Director

Department of Agriculture-Regional Field Office 02

Message Dr. William C. Medrano

Commissioner, CHED and President, PSAS

**Dr. Libertado C. Cruz** Executive Director, PCC

Introduction of Keynote Speaker Dr. Angelo C. Naui

Provincial Veterinarian

Message Hon. Faustino "Bogie" G. Dy, III

Governor, Province of Isabela

Keynote Speaker

### **PLENARY SESSION**

The Philippine Swine & Poultry Industry...the Challenges We Face Today

**Dr. Arturo T. Calud** Lecture Series **Honoree** 

Industry Strategic Plans for Livestock. Dr. Edwin C. Villar

Director, LRD-PCAARRD

Protocol for Organic Livestock Production and Vermi-composting

Dr. Patricia Barcelo

Vice President for Research, DMMSU

Awarding of Plaques of Recognition to the Keynote Speakers/Guest Speaker/Plenary Speaker

PSAS-Cagayan Valley Officers to be assisted by the Guests

Our Challenges...

**Dr. Jonathan C. Nayga,** Isabela State University

Emcee: Dr. Francis Antonio

Ms. Vanessa Carriedo

Cagayan State University

CVARRD - Isabela State University

### **LECTURE SERIES**

Part II. 1-4:00 PM

Session A. Conference Room 201 (2<sup>nd</sup> Floor)

Moderator: Mr. Hitler Dangatan, Professsor CSU

Breeding Recommendations for Meat and Milk Enterprises

Dr. Agapita Salces,

University of the Philippines, Los Baños

Milk Production to Processing Enterprise

Dr. Franklin Rellin

Philippine Carabao Center, Region II

Ms. Melegrina Turingan

Department of Trade and Industry, Region II

Successful Poultry Business Enterprise in Cagayan

**Mr.Miguel B. Decena Jr.** Poultry Entrepreneur

Sponsor's Time

LIFELINE . . . . . . . . . . . .

Session B. Conference Room 202 (2<sup>nd</sup> Floor)

Moderator: Dr. Jonathan N. Nayga, ISU

Production and Market Potentials of Native Pigs

**Dr. Flomelia A. Caguicla**Bureau of Animal Industry

Applications of Acupuncture for Livestock Production

Dr. Jezie Acorda

University of the Philippines, Los Baños

Designing Animal Science and Veterinary Researches

Dr. Renato S.A. Vega

University of the Philippines, Los Baños

Writing Scientific Articles for Publication and Presentation

Dr. Jezie Acorda

University of the Philippines, Los Baños

Part III 4:00 - 5:59 PM Part VI 6:00 - 10:00 PM Business Meeting
Induction Ceremony
Fellowship Dinner / Socials

Day 2, September 28, 2012 6:00AM

**NUANG FESTIVAL- TECHNO FORUM- AGRI-ECO TOUR** 

San Agustin, Isabela

### Past Presidents

1985 - Dr. Gumersindo D. Lasam

1987 - Dr. Frank Basuel

1990 – 2005 - Dr. William C. Medrano

2006 – 2009 - Dr. Andrew B. Villacorta

2010 – 2011 - Dr. Franklin T. Rellin

2011 – Present - Dr. Geronima G. Ludan

### Acknowledgement

We would like to express our UTMOST gratitude and SINCERE appreciation to all our eminent guests as Plenary Speakers, Keynote Speaker and Resource Speakers for their wholehearted support; to the officers and members of the PSAS-Cagayan Valley for their unselfish cooperation, to our Sponsors and Benefactors for sharing their bounties, and to the convention participants for their contribution in making this convention a milestone for the society.

The Organizing Committee
2012 PSAS-Cagayan Valley Regional Convention &
Outreach Program

### CONSTITUTION AND BY LAWS OF THE PHILIPPINE SOCIETY OF ANIMAL SCIENCE

### **PREAMBLE**

We, the members of the Philippine Society of Animal Science, imploring the aid of Divine Providence in order to establish an association that shall foster our ideals, enhance the development of animal industry, promote our general welfare, integrate the various professions and occupations engaged in livestock, poultry, domestic and wild animals research instruction, extension, and production including its supportive services, hereby ordain and promulgate this Constitution.

### ARTICLE I NAME, SEAL, BANNER and DOMICILE

- Section 1. The association shall be known as the Philippine Society of Animal Science or PSAS for short.
- Section 2. The permanent headquarters shall be at the University of the Philippines Los Baños. The official address shall be: Philippine Society of Animal Science, UPLB, College, Laguna.
- Section 3. The seal of the Society shall be a microscope drawn within a double circle, outside the circle shall be a carabao head at the bottom, cattle at the left, chicken at the upper top center and pig at the right facing the reader, circum- scribed by a double circle, outside this circle shall be inscribed "Philippine Society of Animal Science 1963", which shall be encircled by a light circle and a heavy circle.
- Section 4. The flag of the Society shall be three feet by five feet, the color of which shall be gray, in the middle of which shall be yellow, the lettering circles and picture in dark green.

### ARTICLE III OBJECTIVES

- Section 1. The objectives of the Society shall be to:
  - a. Provide opportunities for members to meet and exchange information, ideas and experiences in the veterinary and animal sciences.
  - Define the more important problems limiting animal productivity and encourage investigations aimed at their solution.
  - c. Promote, foster, and encourage the application of improved methods of animal production and health emanating from both research and practical experience.
  - d. Assist in the training of future leaders in the field of animal science and veterinary medicine.
  - e. Correspond and coordinate with local or foreign societies with similar objectives.
  - f. Publish a technical journal to be known as Philippine Journal of Veterinary and Animal Sciences. (PJVAS).
  - g. Publish a magazine which shall be known as PSAS Dispatch.
  - h. Extend assistance to any member towards the attainment of the Society's objectives.

 Give recognition to persons and/or organizations who have worked and contributed to animal science or veterinary medicine

### ARTICLE III MEMBERSHIP and FEES

### Section 1. Eligibility

All persons irrespective of nationality, engaged or previously engaged in research, teaching or extension in animal health and production, or those engaged or previously engaged in raising of livestock and poultry including processing of products resulting therefrom or those engaged or previously engaged in the supportive services to livestock and poultry, shall be eligible for membership.

### Section 2. The following shall be the kinds of membership:

- a. Charter member member who originally organized the Society. All charter members shall be considered life members.
- Life member any member after paying P1,000.00 or any amount determined by the council.
- Regular member any eligible person after recommendation of two members and after payment of membership due shall be registered as regular member.
- d. Honorary member the Society may nominate to honorary membership any person who has achieved distinction in research, teaching, extension, or production in the field of veterinary or animal science or its supportive services.
- Sustaining member any organization or institution, club or society engaged in the field of animal or veterinary science or their supportive services shall be eligible for membership.

### Section 3. Fees

- a. Regular membership fee an amount of one hundred pesos (100.00) or as determined by the Council shall be required to those whose membership applications are approved. However, the amount may be increased by the Council as it deems necessary.
- b. Annual fee each member shall pay an annual fee of one hundred pesos (100.00) not later than the last day of January of each year, provided that the amount may be increased by the Council depending on the need.
- Life membership a fee of one thousand pesos (1,000.00) or as determined by the Council shall be collected for life membership.
- Section 4. Privileges of members all members of the Society shall be entitled to attend the Annual Convention or any general meeting with the right to vote, to present motions, suggestions or resolutions for consideration, to be nominated to office, to submit papers for publication, to receive all publications, news, bulletin, which the society may publish from time to time.
- Section 5. Obligation of members members shall be obliged to participate in national convention, uphold and defend this Constitution and By-Laws, pay the dues regularly and punctually and help in the building of a strong, cohesive, dynamic, and relevant organization.

Section 6. Forfeiture of membership - membership in the Society shall be automatically terminated after two consecutive years in arrears. Upon payment of dues, the members shall be considered reinstated. Members who are convicted of any crime involving moral

 $turp itude\ and\ unprofessional\ conduct\ shall\ automatically\ lose\ membership.$ 

### ARTICLE IV OFFICERS, TENURE of OFFICE and DUTIES

Section 1. Officers - the Officers of the Society (Council Members) shall be the following:

President Five Council Members

Vice-President and President Elect Immediate Past-President

Secretary Editor of the Philippine Journal of

Veterinary and Animal Sciences

(PJVAS)

Auditor Editor of PSAS Dispatch

Section 2. Terms of Office

The President, Vice-President and President Elect, Secretary, Treasurer, Auditor, the 5 Council Members and the Immediate Past President shall serve for one year or until their successors shall have been chosen.

The PSAS Dispatch and PJVAS Editors shall be ex-officio members. The former shall serve for one year and the latter, 3 years.

Section 3. Powers and Duties - The following shall be the powers and duties of the officers:

### a. President

- Preside over all meetings. However, if he decides to participate actively in the discussion, he may delegate this to any member.
- 2. Approve disbursement based on the budget.
- 3. Countersign checks for payments.
- 4. Countersign withdrawals from depositories.
- 5. Accept donations, grants, requests, etc. in behalf of the association and turn them over to the treasurer.
- 6. Create committees and appoint members thereof.
- 7. Call emergency meetings from time to time as the need arises.
- 8. Plan the activities of the Society.
- 9. Prepare a budget of the Society and have it approved by the Council.
- Be responsible to all the members for the general performance of the Society during his incumbency.
- 11. Prepare and deliver a written terminal report to the assembly.

12. Represent the Society in any meeting when the association should be represented.

### b. Vice-President and President Elect

- Automatically becomes President one year after his election. However, he shall only take over normally after the National Convention. The position of Vice-President and President Elect shall alternate between a veterinarian and an animal science man.
- 2. Take over the functions of the President in case of long absence, resignation, incapacity or natural vacancy.
- 3. Prepare an outline of activities in the forth-coming year to be presented to the General Assembly during his inaugural speech.
- 4. Perform other duties as the President and the Council may designate.

### c. Secretary

- 1. Keep an updated roll of members.
- 2. Prepare minutes of the General Assembly and Council meetings.
- 3. Issue notices of meetings.
- Appraise the President and the Council of the status of the Society from time to time.
- Maintain a Society scrapbook to contain pictures and captions of the major activities of the Society.
- 6. Receive and keep all property and documents of the Society and turn them over to his successor duly documented
- 7. Perform other duties the President may designate.

### d. Treasurer

- 1. Receive the Society's money, donations, bequests, and grants.
- 2. Deposit the money of the Society in the bank duly authorized by the Council.
- 3. Disburse the funds of the Society upon approval of the President. However, the Treasurer may disburse funds, without prior approval of the President only on routinary expenses amounting to not more than two hundred pesos (200.00).
- 4. Prepare a financial statement periodically as determined by the Council or when so demanded by the Auditor.

### e. Auditor

- 1. Countersign all cash receipts.
- 2. Note all turnover of property.

- 3. Note all documents of donation, bequests, etc.
- See to it that expenses are reasonable and funds are available following the budget.
- 5. Pass on audit the financial statement of the Treasurer.

### ARTICLE V ELECTION of OFFICERS

### Section 1. Election of Council Members

Candidates for the offices of the Vice-President and President Elect, Secretary, Treasurer, Auditor and 5 Council Members shall be nominated during the annual meeting. Each nominee shall be asked to indicate his willingness to serve when elected.

Voting for each member of the Council, except for the office of President and Immediate Past-President, shall be by secret ballot which shall be scrutinized by three electoral board members appointed by the Council at the Annual General Meeting. A member in good standing cannot vote by proxy. A candidate for office shall direct that voting papers be destroyed immediately following the announcement of the officers elected.

### Section 2. Appointment of Editorial Staff

The members of the Editorial Board of both PSAS Dispatch and PJVAS other than the Editors shall be appointed by the Council at its first meeting of the fiscal year. The associate editor shall automatically become the editor after the expiration of the editor's term.

### ARTICLE VI CHAPTERS

### Section 1. Formation

Should there be sufficient local support, the Society may establish in Luzon, Visayas and Mindanao. Each chapter shall elect its own officers. The activities of these Chapters shall be governed by the Constitution and By-laws of the Philippine Society of Animal Science.

### Section 2. Allocation of Fees

Half of the membership and annual dues collected by the provincial and regional chapters shall be remitted to the Treasurer of the National Organization and half will be retained.

### Section 3. Extension and Development Activities

It shall be the responsibility of the Chapters to conduct/sponsor seminars and local convention activities in their respective areas but the National Organizational shall continue to be the venue for the reading and discussion of research papers annually.

### Section 4. Reports

Chapters shall be required to report semi-annually to the National Organization

### ARTICLE VII MEETINGS

### Section 1. Annual General Meetings

The Philippine Society of Animal Science shall hold an Annual Convention to be held at a time and place to be decided by the Council. Written notice shall be sent to all voting members by the Secretary at least 20 days before the date of the meeting. The quorum at any Annual General Meeting shall comprise not less than 25% of the total financial membership of the society

### Section 2. Emergency General Meeting

The Society may convene an Emergency General Meeting of the organization at any time by giving at least 21 days notice by circular to all members and by advertisement. The quorum for any such Emergency General Meeting shall be the same as that of the Annual Convention.

Any fifteen (15) members of the Society may require the Council to convene an Emergency General Meeting by giving a written notice to the Secretary not less than 30 days prior to the suggested date for the meeting. Such notice must be signed by all 15 members stating the reasons for convening an Emergency General Meeting.

### Section 3. Animal Science Council Meeting

The President, Vice-President and President Elect, Secretary, and Treasurer may convene meeting of the council at any time by giving at least 10 days notice in writing to all members of the Council. The Council shall be responsible for drawing up its own Rules of Procedure.

### ARTICLE VIII FINANCE

### Section 1. Sources of Income

The income of the Philippine Society of Animal Science shall be derived from:

- 1. Membership fees
- 2. Annual fees
- 3. Donation in cash or in kind
- 4. Grants
- 5. Subscriptions
- 6. Convention fees
- 7. Sustaining membership fees
- 8. Others

### Section 2. Annual Statement of Accounts

The Treasurer shall at each Annual General Meeting present a report on the business affairs of the Society. He shall also submit duly audited statements of income and expenditures and of assets and liabilities of the Society.

### Section 3. Control and Investment

The Council shall have full control of the finances of the Society. All money received shall be incorporated into a banking account with such bank as may be decided upon. All withdrawals must be signed by the Treasurer and countersigned by the President or Vice-President and President Elect. The Council shall be empowered to

invest in such securities and on such terms as it shall decide appropriate, the entire or any portion of the accumulated funds which shall not be required for the immediate needs of the Society.

### Section 4. The PSAS Trust Fund

A trust fund for PSAS shall be opened. The fund shall be derived from life membership dues and donations which shall be specified for the purposes.

Only interest earning of the trust fund can be used for operational purposes.

### ARTICLE IX POWERS of the COUNCIL

- Section 1. The Council shall be the policy making body of the Society.
- Section 2. Budgetary proposal made by the President at the start of the year shall be approved by the Council.
- Section 3. It shall pass for approval all recommendations for appointments to the Ad Hoc Committee.
- Section 4. The Council shall pass in review recommendations of the Ad Hoc Committee.

### ARTICLE X DISTINGUISHED FELLOW AWARD

Section 1. The recipient of this award shall be disqualified from any other standing awards. The award shall consist of a plaque and a medallion. There shall be no monetary award. The Council shall promulgate the qualification, criteria and guidelines for the award.

### ARTICLE XI AMENDMENTS to the CONSTITUTION

### Section 1. Proposed Amendment

Any proposed amendment to the Constitution must be signed by at least three members and may be considered for adoption to any Annual General Meeting of the Philippine Society of Animal Science, provided that the notice of such proposed amendment shall be received by the Secretary twenty (20) days prior to the meeting and circulated by him to all members of the Society during the annual meeting. A majority, i.e. two thirds of the total number of votes cast shall be required for the adoption of any amendments to the constitution.

### Section 2. Effectivity

Amendments shall take effect immediately upon adoption.

Amended and ratified during the 23rd, 24th and 30th Annual Meetings, November 20-21, 1986, November 19-20, 1987 and November 18-19, 1993 at the Philippine International Convention Center, Manila, PCARRD, Los Baños, Laguna and Manila Hotel, Manila, respectively.

### Active Members as of 2011

Abel, Wilfredo M. Cagayan Valley

Afara, Magdalena A. DMPCI, Namabbalan Sur, Tuguegarao City

Agcaoili Jr., Roberto R. Sinamar Norte, San Mateo, Isabela

Agcaoili, Mae Jane A. Tuguegarao City

Aggasid Jr., Alexander B.

Agumboy, Ludivico F.

Agustin, Julpha M.

Amelia, Pablo P.

Anog, Mary Jane A.

Roxas, Solano, Nueva Vizcayua
PCC - CSU, Piat, Cagayan
ISU - Echague Isabela
LGU - Gattaran, Cagayan
PCC - Amulung, Cagayan

Aquino, Ronald

Austria, Karen E.

Bacuyag, Jimmy C.

Balbin, Aubrey Joy M.

Balungaya, Marilou N.

Bangona, Eduardo

LGU – Iguig, Cagayan

LGU - Lallo, Cagayan

ISU - Echague Isabela

Solana Breeding Station

LGU - Diadi, Nueva Vizcaya

Barbosa, Belina N. PVO – Isabela

Bernardo, Al G. PCC - CSU, Piat, Cagayan
Binalon, Romeo A. PVO - Basco, BAtanes
Blancha, Benedicto PCC - San Agustin, Isabela

Blancha, Juan D.

Blas, Benelito O. Centro, Mallig, Isabela

Bueno, Brian S. PVO – Cagayan
Bumatay, Joel A. PVO – Cagayan

Busania, Roberto C. DA – CVUPROS, Dungo, Aglipay, Quirino

Cabaccan, Lilia E.

Cabigon, Sherill C.

Cac, Jessie G.

LGU - San Pablo, Isabela

LGU - Jones, Isabela

PVO - Cagayan

Calling, Consuelo P. PVO - Cagayan (LGU-Gattaran)
Camacho Jr., Alejandro B. LGU - Mahatao, Batanes

Campañano, Maricel F. RADDL, Carig, Tuguegarao City

Canceran, Virgilio C. PVO – Cagayan

Cariz, Sonny A. LGU - Sabtang, Batanes
Catalon Jr., Virgilio S. LGU - Sto. Niño, Cagayan

Catenza, Ofelia S. PVO – Cagayan

Clores, Jonathan M. LGU - Lallo, Cagayan

Cobico, Lorenzo Elpedio V. LGU - Uyugan, Batanes

Corpuz, Julian L. COFCAVILLE, Maddela, Quirino Corsino, Maricel V. PVO - Cagayan (LGU - Iguig)

Dalire, Marilyn P. LGU – Claveria
Dangatan, Hitler C. CSU, Piat, Cagayan

Dayag, Eugenio T. Panacal Village, Tuguegarao City

De Leon, May Joan M. PVO – Cagayan

Dela Cruz, Dinia L.

Dela Cruz, Valrey P. PVO – Cagayan

Delson, Marcelino Mangandingay, Cabarroguis, Quirino

Diza, Antonio Fenny Ven Sta. Marcela Apayao

Dacayo, Philip A. LGU - Solano, Nueva Vizcaya
Domingo, Salvador LGU - Sto Niño, Cagayan

Dumrique, Sherwin Cauayan, Isabela

Dy, Mary Ann C. DTI - Regional Office, Tuguegarao City

Escalante, Nestor T. PVO - Cagayan (LGU-Gonzaga)

Estabillo, Maria Victoria Iguig, Cagayan
Ferrer, Loida PVO – Cagayan

Gabriel, Oliver F. LGU - Sto Niño, Cagayan Gaffud, Oliva M. ISU - Echague Isabela

Galamgam, Sergio ST. PVO – Isabela

Galano, Bonifacio B. PVO - Basco, Batanes

Gato, Hans G. LGU – Itbayat

Gazmen, Meynard G. LGU - Alcala, Cagayan

Gulatera, Marlon P. Philippine Carabao Center - CSU, Piat, Cagayan

Gumiran, Demetrio D. DA Livestock Carig, Tuguegarao City

Imatong, Donald C. Philippine Carabao Center - CSU, Piat, Cagayan

Juan, Melborne J. Palacian, San Agustin, Isabela

Lamug, Arturo A. Masaya Centro, San Agustin, Isabela
Lamug, Julio V. Masaya Centro, San Agustin, Isabela
Lamug, Vic T. Masaya Centro, San Agustin, Isabela

Lastimosa Jr., Arcadio M. COFCAVILLE, Maddela, Quirino

Layugan, Marcial

Leaño, Florante C. LGU - Jones, Isabela Libatique, Freddie PVO – Quirino

Lim, Charles T. Santiago City, Isabela

Lim, Glenda G. DA - Livestock, Carig, Tuguegarao City

Lucas, Ronaldo M. Brgy 1, Jones, Isabela

Ludan, Geronima G. DA-RFO 02 -Tuguegarao City.

Macasio, Aristotle L. PVO - Cagayan

Mamauag, Christine V. RADDL, Carig, Tuguegarao City Manding Jr., Dionicio Cabaroan, Gonzaga, Cagayan

Martinez, Guillermo T. Jones, Isabela

Mecate, Luzviminda C. DA - Livestock, Carig, Tuguegarao City

Morillo, Mario N. LGU - Mallig, Isabela

Naui, Angelo C. PVO – Isabela

Navarro, Francisco S. Salinungan East, San Mateo, Isabela

Nayga, Jonathan ISU - Echague Isabela

Oamil, Corazon C. LGU - Sanchez Mira Cagayan

Osorio, Prudencio A. LGU - Buguey, Cagayan Padilla, Nilo E. ISU - Echague Isabela

Pagaduan, Marivie M. PVO – Cagayan

Paguirigan, Marivie A. RADDL, Carig, Tuguegarao City

Pallagao, Billy A. Philippine Carabao Center - CSU, Piat, Cagayan

Pascua, Magdalena A. PVO – Cagayan

Pasinos, Marie Ann S.

Pastor, Armando C. Sto. Domingo, Cabarroguis, Quirino

Piñera, Rovina A. Philippine Carabao Center - CSU, Piat, Cagayan

Ponce, Wilmer S. PVO – Batanes

Quinet, Celso G. PCC - San Agustin, Isabela Ramirez, Eulalia B. Sta. Barbara, Piat, Cagayan

Rañez, Joven S.

Raspado, Florante A. Brgy 2, Jones, Isabela

Reboldera, Ernesto B. PVO Cagayan – Ballesteros Breeding Station

Reguis, Christopher

Rellin, Edelina B.

PCC - CSU, Piat, Cagayan

Rellin, Franklin T.

PCC - CSU, Piat, Cagayan

Reyes, Joel L.

ISU - Jones, Isabela

Rabanal Jr., Cayetano U.

PVO - Cagayan

Sadorra, Yolanda U. PVO – Isabela

Salas, Romulo A. Philippine Carabao Center - CSU, Piat, Cagayan

Sampayan, Rolando L.

PVO - Luna, Apayao

Sapla, Genovera C.

Silva, Constancio

Soliven, Robert

Tabile, Marycar T.

PVO - Luna, Apayao

CSU - Gonzaga, Cagayan

Leonarda, Tuguegarao City

DA - LGU - Maddela, Isabela

CVO - Cauayan City, Isabela

Tabuñar, Eduardo N. PVO – Cagayan

Tacuboy, Ronald PCC - San Agustin, Isabela
Tattao, Judith Z. RADDL, Carig, Tuguegarao City
Turingan, Kim Stephen T. Villa Maria, Enrile, Cagayan
Tutaan, Rowel A. Brgy 2, Jones, Isabela

Ulsano III, Gerino C. PVO – Cagayan

Unciano, Pepito C.

Velasco, Christopher T.

Viloria, May Dawn LGU – Claveria, Cagayan

Wardagan, Maximo B. Philippine Carabao Center - CSU, Piat, Cagayan

Warde, Juan B. LGU - Sto Niño, Cagayan Ydel, Jansen Fritz Y. PVO - Basco, Batanes

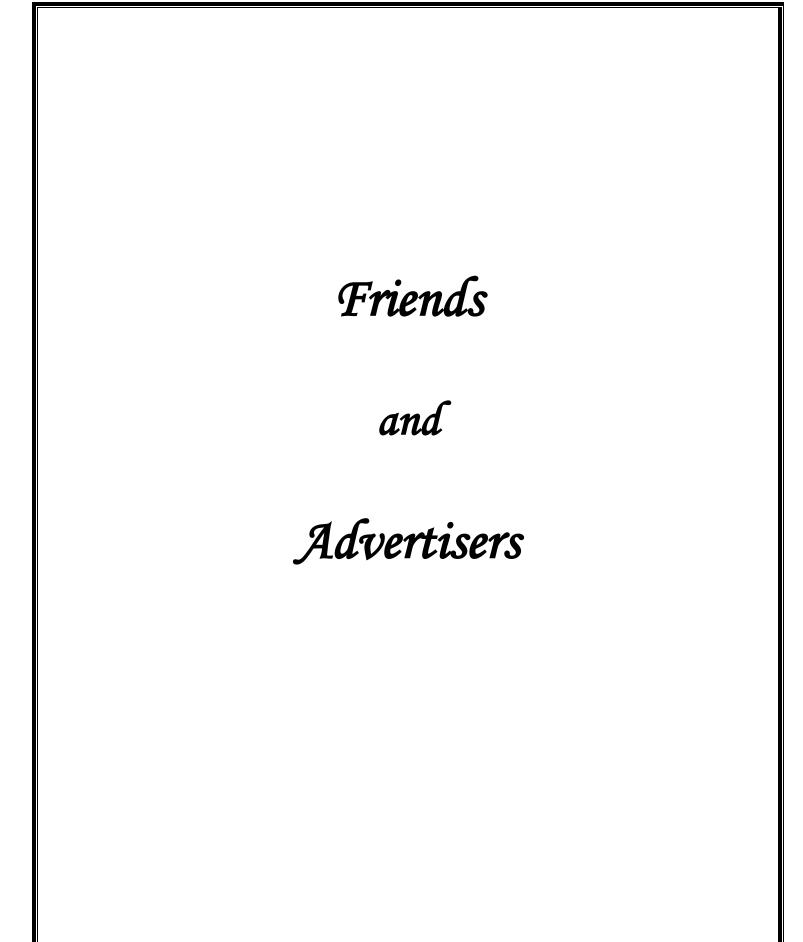
Zulueta, Gerly T. RADDL, Carig, Tuguegarao City

# Busy Hands... ...Busy Minds













Robina CUSTOMER CARE 1800 -38-762462 ROBINA 0922 -8- 762462 ROBINA

### MIX YOUR OWN FEEDS

We offer feed mixer (Vertical and Horizontal), Hammermill, Micro Mixer, Conveyor and Storage Bin We also distribute feed ingredients (Corn Soya, Copra, etc.)



### FILMOND MERCANTILE

Landline: (02) 552-7590

CP: 0922-6249191

Address: 3776 Cuenca St. Palanan,

Makati City

### FILIPINAS B. MONDRAGON MANAGER

# CONGRATULATIONS!

TO THE OFFICERS AND MEMBERS OF PSAS CAGAYAN VALLEY CHAPTER FOR HOLDING THIS YEAR'S CONVENTION & OUTREACH PROGRAM.

FROM: DR. MARYCAR TOLENTINO-TABILE

# AMT ANIMAL HEALTH PRODUCTS

PUROK 1, SANTA LUCIANA,
CAUAYAN CITY, ISABELA
CONTACT NOS.: 09199359606/09328433427

DEALER/DISTRIBUTOR OF QUALITY
VETERINARY PRODUCTS FROM PARENTERAL,
WATER-SOLUBLE POWDERS AND PREMIXES
ANTIBACTERIAL, NUTRITIONALS AND
DEWORMERS. ALSO AVAILABLE PROBIOTICS,
FEED ADDITIVES AND CUSTOMIZED BASEMIX
FOR SWINE AND POULTRY.

U-G 3/F J&M Mendoza Building, #10 Doña Soledad Avenue, Better Living, Brgy. Don Bosco, Parañaque City 1711
Tel No.: (632) 925-4586 • (632) 925-6695 • (632) 925-2028 • Telefax No.: (632) 836-8552 • E-mail: advira@mindgate.net

### **EXCLUSIVE DISTRIBUTOR OF:**

### MINNESOTA VALLEY ENGINEERING (CHART-MVE)

Cryogenic Liquid Nitrogen Storage Tanks – Field/Baby Tanks, Mother Tanks, Large Computerized Storage Tanks

### WORLD-WIDE SIRES, LTD.

World's leading Cattle Genetics (Frozen Semen and Embryos) Marketing Organization

### SYNBIOTICS CORPORATION

Poultry ELISA Kits for:

Infectious Bursal Disease, Infectious Bronchitis Virus, Newcastle Disease Virus, Avian Reovirus, Mycoplasma Gallisepticum, Mycoplasma Synoviae, Avian Encephalomyelitis Virus, Infectious Laryngotracheitis, Pasteurella Multocida, Chicken Anemia Virus, Avian Leukosis Virus, Avian Leukosis Virus-J, Avian Influenza Virus, Broad Spectrum Salmonella, Group D Salmonella

### Swine SERELISA Kits for:

Aujesky's Disease, Classical Swine Fever (Hog Cholera), Enzootic Pneumoniae (M. Hyop), Porcine Circo Virus Type 2 (PCV2)

Diagnostic Kits for Ruminants (Cattle & Goat)

Brucellosis, Bovine Viral Diarrhea-Mucosal Disease-Border Disease, Enzootic Bovine Leukosis, Infectious Bovine Rhinotracheitis- Infectious Pustular Vulvovaginitis, Mastitis, Paratuberculosis (Johne's Disease), Q Fever, Tuberculosis, Intestinal Parasites, Caprine Arthritis Encephalitis-OPP, Bluetongue, Equine Infectious Anemia-Coggins

### IMV-TECHNOLOGIES, FRANCE

Artificial Insemination and Embryo Transfer Products for Veterinarians and Livestock Breeders (A.I. Gun, A.I. Sheath, A.I. Gloves, Semen Straw)

### EVANS VANODINE INTERNATIONAL PLC - ENGLAND

Dairy Farm Hygiene Program, Teat Care Disinfection Program, Mastitis Prevention Program

# L EONSTRUCTION

CHARLES L9M 0920-9059466

charlesqueulim@yahoo.com





### **OWNED & MANAGED BY:**

MR. MIGUEL B. DECENA JR.
AND
MRS. JOSEPHINE T. DECENA

ADDRESS: #143 MADDARULUG SUR, ENRILE, CAGAYAN Tel.# (078) 501 - 0708

### **Maunlad Poultry & Farm Supply**

#6 Blumentritt St., Tuguegarao City Tel. Nos. (078) 844-1301 Email address: <a href="mailto:maunladpfs@yahoo.com">maunladpfs@yahoo.com</a> (078) 846-2213

### REYNORIO M. JUMAUAN

(Proprietor)

Authorized Distributor / Dealer

PIGROLAC Feeds
UNIVET Products
THUNDERBIRD Products
LAKPUE Veterinary Products

PFIZER Veterinary Medicine Belman Laboratories Bayer Veterinary Medicine EXCELLENCE Veterinary Products

### SOLUTIONS // GENE EXPRESSION WORKFLOW



### Gene Expression Workflow

Successful gene expression analysis using real-time PCR requires critical evaluation of each step in the workflow to ensure that accurate, reproducible, publishable data are produced. Bio-Rad Laboratories, Inc. offers an array of tools that assists with successful data generation and analysis, reducing your time to results.

Visit us at www.bio-rad.com/genomics.

# Anythinate has found to the foundation of the fo

### Research. Together.





### **CRUZ VETERINARY CLINIC**

2189 Stall G. Felimarc Pet Center. A Luna St. Pasay City

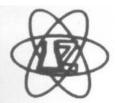
### DR. NEIL NORMAN A. CRUZ

Head Veterinarian / Proprietor

### **CARGILL PHILS INC.**

Pulilan, Bulacan

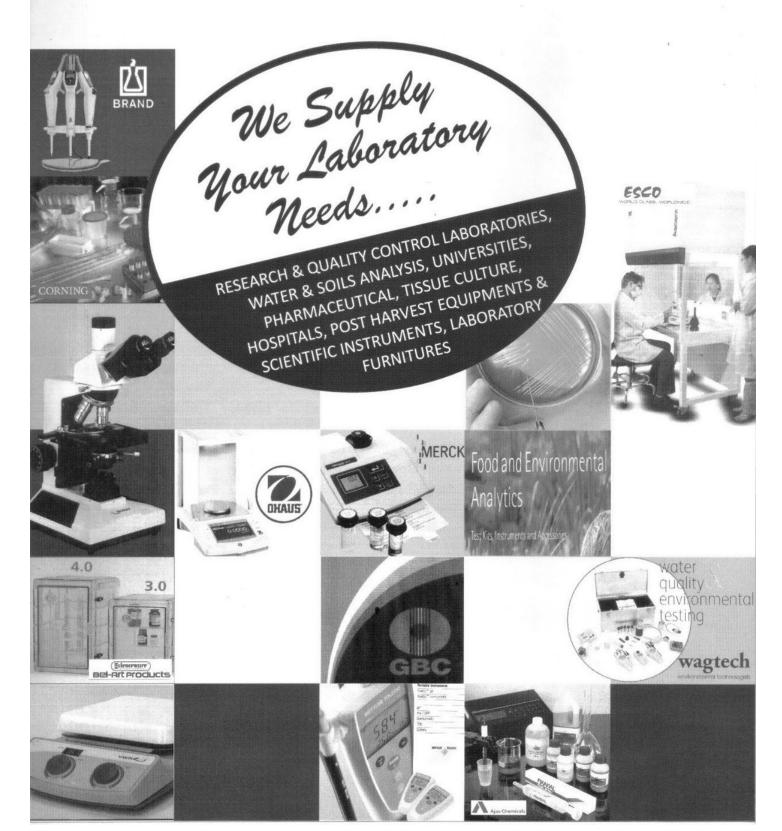




### Mt. Zion Scientific Inc.

#42 Sampaguita Ave., Mapayapa Village II, Brgy. Holy Spirit, Quezon City Tel. No. 931-5122 / 931-9505 Fax: 931-5122

Email: aaguilana@yahoo.com



# PE75!

### **Animal Clinic**

Caring for your pets.....

Dr. Christine Lillian D. Duque

Savero Shell Station Compound Balzain Hiway, Tuguegarao City

Phone: (078) 844-9652 Cell No.: 0917-578-1330 E-mail: bootsduque@yahoo.com

### ANIMAL OPTIONS

**Veterinary Clinic** 

#13 College Avenue, Tuguegarao City, Cagayan Contact No.: (078) 846-1271

Dr. Cherry A. Canceran

**Proprietor** 

### MJM DRUG TESTING CENTER

Maharlika Road, Sinsayon, Santiago City (near LTO)

Contact No.: 0917-5022883

Mary Jane 7. Canceran

**Proprietor** 

### **AGRI COMPONENT CORPORATION**

Since 1993



### Main office:

National Highway, Tagaran Cauayan City, Isabela

Tel No.: (078) 652-0121 / (078) 652-1359 Email add: agricomp93 @yahoo.com

### Manila Office:

14A ANPN Bldg. EDSA Balintawak Q.C.

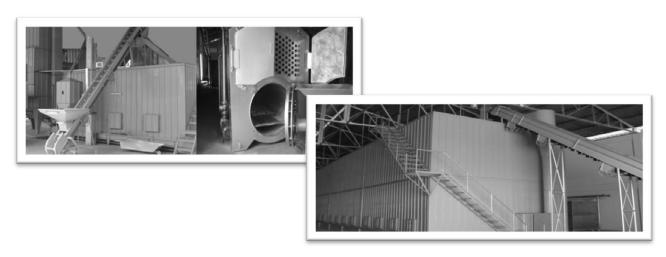
Telefax: (02) 361-5299 TE. No.: (02) 455-4524

### Pampanga Branch:

Lazatin Blvd. CSFO Pampanga

### Also Dealer of:

Agro Industrial Machineries
Rice Mill, Feed Mill
Grain Silo, Industrial Generators
Irrigation Equipment
Diesel and Gasoline Engines
Green House
Complete Line of Tractor Implements



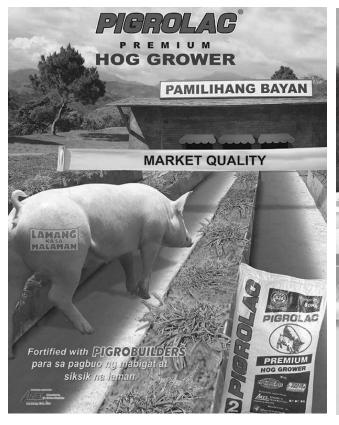
# LINAHCO







# PREMIUM HOG FEEDS









REGION 02



For more information please contact

**Dr. Gerly T. Zulueta**ACC I/Chief RADDL 02
Tel No.: (078) 304 - 1022

### **Maior Functions**

Provision of efficient services to livestock farmers & stakeholders for the diagnosis of livestock diseases of economic importance thru the performance of a variety of laboratory diagnostic activities and procedures.

Services Offered:
Necropsy
Clinical Pathology
Serology
Histopathology
Microbiology/Mycology
Rabies Examination
Parasitology

### **MR. WILLIAM ONGTO**

### W. FARM / W. ENTERPRISE

Bagabag. Nueva Vizaya



### Warmest Greetings from Santiago City to the Philippine Society of Animal Science – Cagayan Valley Chapter

May your Society Prosper...





### Isabela State University Campuses

**Echague Campus** 

**Cauayan City Campus** 

Cabagan Campus

**Ilagan City Campus** 

San Mateo Campus

San Mariano Campus

Roxas Campus

Jones Campus

Angadanan Campus

Santiago City Campus

Palanan Campus



# Department of Agriculture BUREAU OF ANIMAL INDUSTRY

# Congratulations to the Philippine Society of Animal Science— Cagayan Valley Chapter for holding its Regional Livestock Convention & Lecture Series







# Congratulations to the Officers and Members of the Philippine Society of Animal Science – Cagayan Valley Chapter on its Regional Livestock Convention & Lecture Series

From the office of the Provincial Government of Isabela





# 2012

### January

Sun Mon Tue Wed Thu Fri Sat

1 2 3 4 5 6 7

8 9 10 11 12 13 14

15 16 17 18 19 20 21

22 23 24 25 26 27 28

29 30 31

### April

Sun Mon Tue Wed Thu Fri Sat

1 2 3 4 5 6 7

8 9 10 11 12 13 14

15 16 17 18 19 20 21

22 23 24 25 26 27 28

29 30

### July

Sun Mon Tue Wed Thu Fri Sat

1 2 3 4 5 6 7

8 9 10 11 12 13 14

15 16 17 18 19 20 21

22 23 24 25 26 27 28

29 30 31

### October

Sun Mon Tue Wed Thu Fri Sat

1 2 3 4 5 6

7 8 9 10 11 12 13

14 15 16 17 18 19 20

21 22 23 24 25 26 27

28 29 30 31

### February

Sun Mon Tue Wed Thu Fri Sat

1 2 3 4
5 6 7 8 9 10 11
12 13 14 15 16 17 18
19 20 21 22 23 24 25
26 27 28 29

### May

 Sun Mon
 Tue Wed
 Thu
 Fri
 Sat

 1
 2
 3
 4
 5

 6
 7
 8
 9
 10
 11
 12

 13
 14
 15
 16
 17
 18
 19

 20
 21
 22
 23
 24
 25
 26

 27
 28
 29
 30
 31

### August

 Sun Mon
 Tue Wed
 Thu
 Fri
 Sat

 1
 2
 3
 4

 5
 6
 7
 8
 9
 10
 11

 12
 13
 14
 15
 16
 17
 18

 19
 20
 21
 22
 23
 24
 25

 26
 27
 28
 29
 30
 31

### November

Sun Mon Tue Wed Thu Fri Sat

1 2 3
4 5 6 7 8 9 10
11 12 13 14 15 16 17
18 19 20 21 22 23 24
25 26 27 28 29 30

### March

Sun Mon Tue Wed Thu Fri Sat 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

### June

Sun Mon Tue Wed Thu Fri Sat

1 2
3 4 5 6 7 8 9
10 11 12 13 14 15 16
17 18 19 20 21 22 23
24 25 26 27 28 29 30

### September

Sun Mon Tue Wed Thu Fri Sat

1
2 3 4 5 6 7 8
9 10 11 12 13 14 15
16 17 18 19 20 21 22
23 24 25 26 27 28 29
30

### December

Sun Mon Tue Wed Thu Fri Sat

1
2 3 4 5 6 7 8
9 10 11 12 13 14 15
16 17 18 19 20 21 22
23 24 25 26 27 28 29
30 31

# 2013

### January

Sun Mon Tue Wed Thu Fri Sat

1 2 3 4 5
6 7 8 9 10 11 12
13 14 15 16 17 18 19
20 21 22 23 24 25 26
27 28 29 30 31

### April

Sun Mon Tue Wed Thu Fri Sat

1 2 3 4 5 6

7 8 9 10 11 12 13

14 15 16 17 18 19 20

21 22 23 24 25 26 27

28 29 30

### July

Sun Mon Tue Wed Thu Fri Sat

1 2 3 4 5 6

7 8 9 10 11 12 13

14 15 16 17 18 19 20

21 22 23 24 25 26 27

28 29 30 31

### October

Sun Mon Tue Wed Thu Fri Sat

1 2 3 4 5
6 7 8 9 10 11 12
13 14 15 16 17 18 19
20 21 22 23 24 25 26
27 28 29 30 31

### February

Sun Mon Tue Wed Thu Fri Sat

1 2
3 4 5 6 7 8 9
10 11 12 13 14 15 16
17 18 19 20 21 22 23
24 25 26 27 28

### May

 Sun Mon
 Tue Wed
 Thu
 Fri
 Sat

 1
 2
 3
 4

 5
 6
 7
 8
 9
 10
 11

 12
 13
 14
 15
 16
 17
 18

 19
 20
 21
 22
 23
 24
 25

 26
 27
 28
 29
 30
 31

### August

Sun Mon Tue Wed Thu Fri Sat 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

### November

Sun Mon Tue Wed Thu Fri Sat

1 2
3 4 5 6 7 8 9
10 11 12 13 14 15 16
17 18 19 20 21 22 23
24 25 26 27 28 29 30

### March

Sun Mon Tue Wed Thu Fri Sat

1 2
3 4 5 6 7 8 9
10 11 12 13 14 15 16
17 18 19 20 21 22 23
24 25 26 27 28 29 30
31

### June

Sun Mon Tue Wed Thu Fri Sat

1
2 3 4 5 6 7 8
9 10 11 12 13 14 15
16 17 18 19 20 21 22
23 24 25 26 27 28 29
30

### September

Sun Mon Tue Wed Thu Fri Sat

1 2 3 4 5 6 7

8 9 10 11 12 13 14

15 16 17 18 19 20 21

22 23 24 25 26 27 28

29 30

### December

Sun Mon Tue Wed Thu Fri Sat

1 2 3 4 5 6 7

8 9 10 11 12 13 14

15 16 17 18 19 20 21

22 23 24 25 26 27 28

29 30 31



changing lives...
building better communities



Republic of the Philippines

### **DEPARTMENT OF AGRICULTURE**

**Regional Field Office No. 02** 

Tuguegarao City, Cagayan 3500
Tel Nos (078) 844-1324/1312 Fax N

Tel. Nos. (078) 844-1324/1312 Fax Nos: (078) 844-1031/846-9131

