



CVSRRC

Cagayan Valley Small Ruminants Research Center

Approved thru ISU Board Resolution Nos. 15, series of 2010

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What is CVSRRC?

- Lead center in the conduct of goat and sheep R&D in Region 2
- Established in 2007 as demo project, and approved as R&D/E center in 2010
- Promote interagency partnership: National, Local agencies, and Private associations



Our Mission

CVSRRC shall provide R&D/E framework that will support the application of technologies to transform goat and sheep raising from a subsistence type of activity into a viable livestock-based enterprise, thus ensuring higher income in rural areas.



Center's Objectives

General: to promote a sustainable SR industry in Region 2 through effective R&D and extension programs.

Specific:

1. Assess the status of the SR commodity and identify priority R&D activities;
2. Formulate and recommend the general framework of the regional plans and programs for SR;
3. Evaluate R&D proposals for SR;
4. Formulate and recommend mechanisms for evaluating and monitoring R&D projects for SR;
5. Monitor and evaluate the implementation of R&D projects for SR; and
6. Help in the resource generation for regional R&D projects for SR.

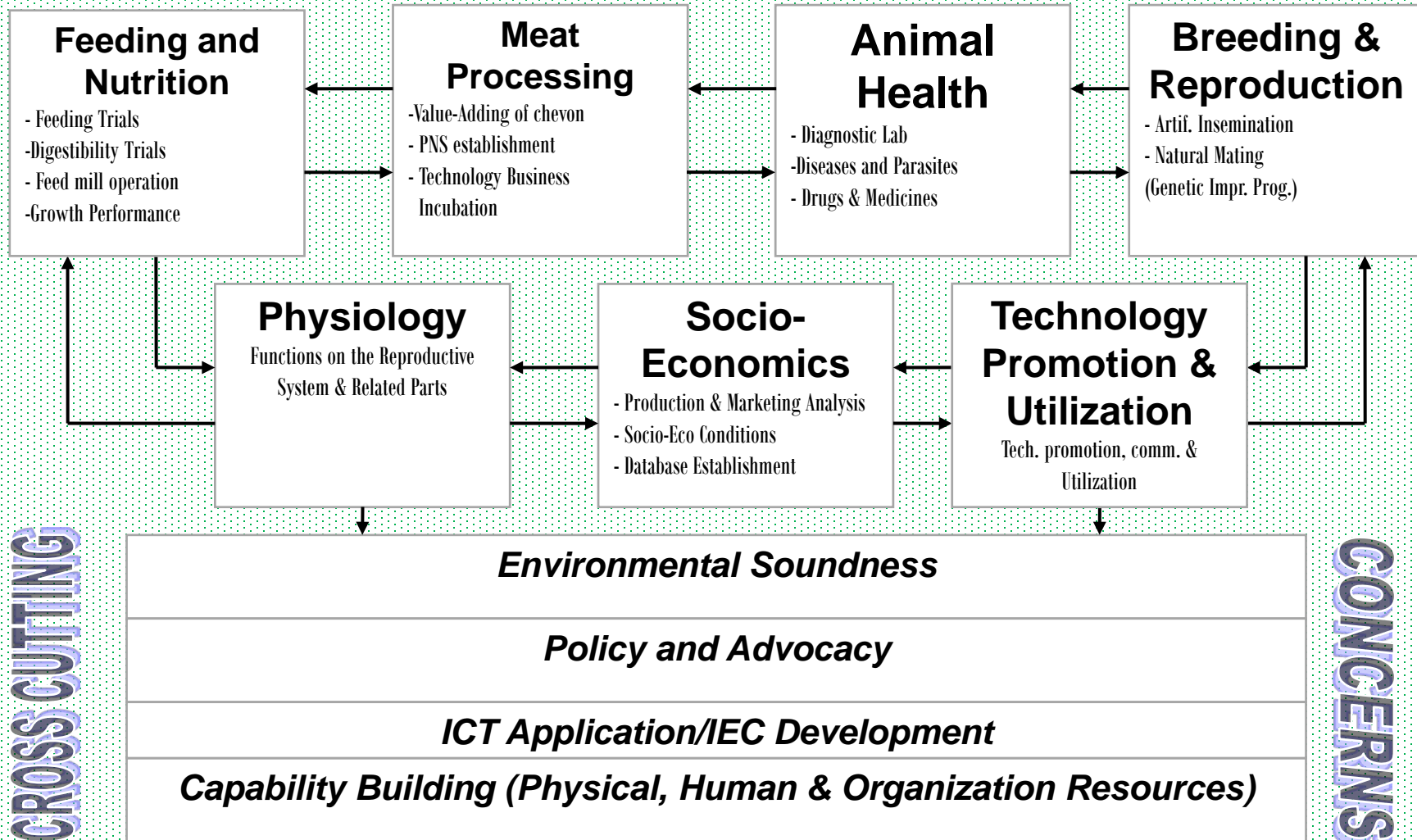


R&D Support Services

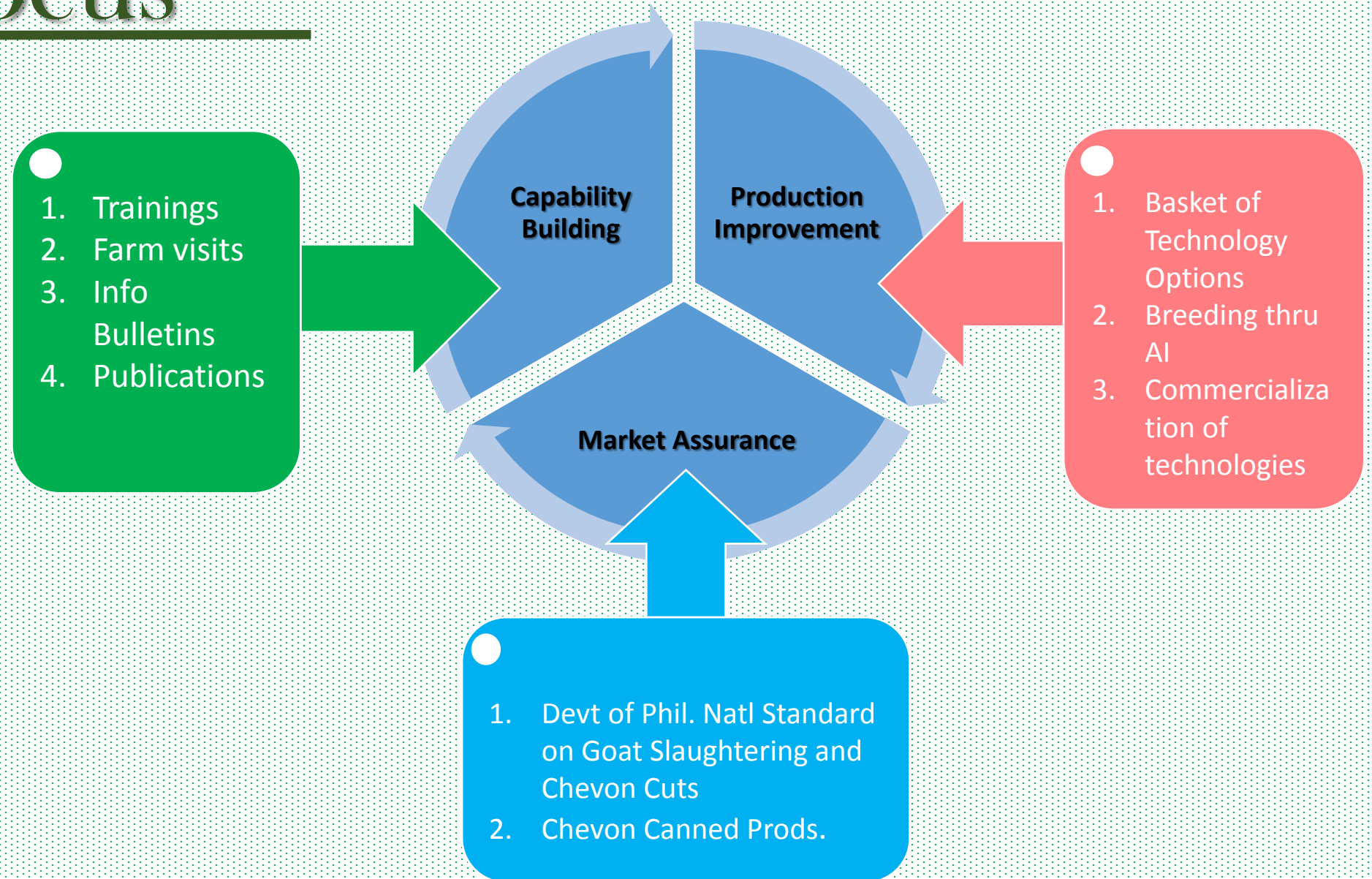
1. Provide policy directions in R&D;
2. Provide leadership for consortium member-agencies in identifying R&D areas;
3. Identify and provide capability building programs for researchers; and
4. Provide broader access to research opportunities and resources.



R&D Framework



R&D Focus

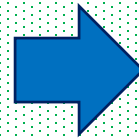


R&D Focus

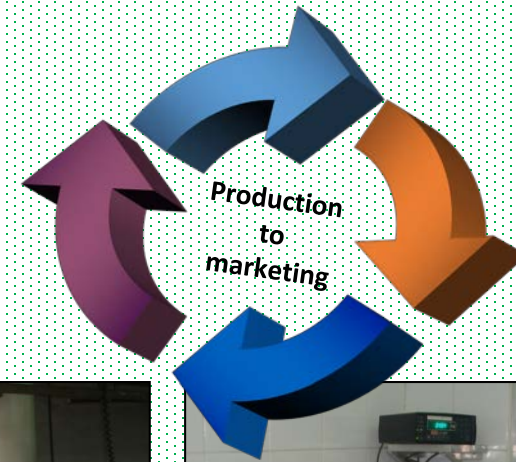
Addressing the supply chain of goat from production to marketing



Production



Slaughtering, processing, product development and marketing



R&D Projects



Housing



Stall feeding



Legume supplementation



UMMB supplementation



Deworming



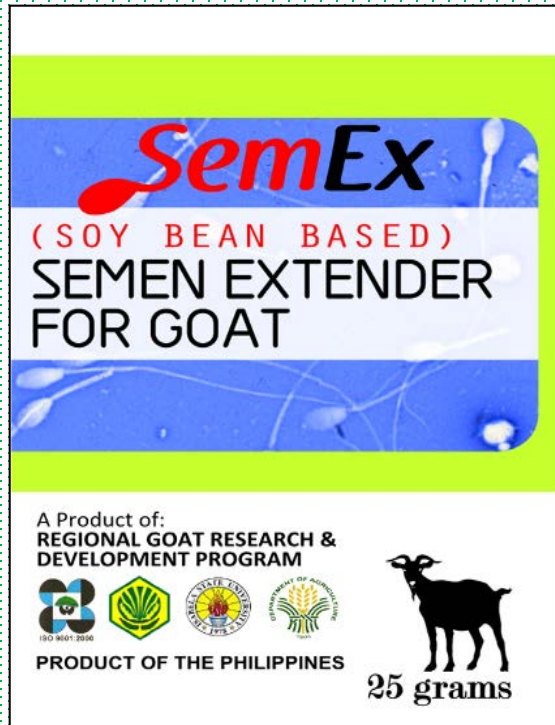
Breeding

Basket of Technology Options: innovations of low cost technologies that help raisers understand and eventually will adopt the S&T based goat production.

These technology options helps to:

1. increase birth weight
2. reduce pre-weaning mortality rates
3. increase slaughter weight
4. reduce kidding interval

R&D Projects



Artificial Insemination for Goat: a technology introduced to fast track improvement of stock genetic make-up and increase population of goat in the rural areas.

This activity is also use as an enterprise for service providers and raisers.

Initially implemented in Region 2, now tested for its fitness in 5 other regions covering strategic areas of the Philippines.



R&D Projects



Canned Chevon products: canning technology was used to developed products ensure market for the stock produced.

These products are set for international market.

At present, standardization of slaughter house development of PNS for chevon, and diversification of products are on-going.

Project's Accomplishment

Performance of stocks of farmer-partners in Region 2

| PARAMETER | PERFORMANCE |
|------------------------------------|-------------|
| BIRTHWEIGHT (kg) (n=140) | 2.45 |
| WEANING WEIGHT (kg) (n=110) | 13.44 |
| SLAUGHTERWEIGHT (kg) (n=60) | 26.48 |
| PW-MORTALITY (%) (n=200) | 8.11 |
| CONCEPTION RATE (%) (n=150) | 90.25 |
| KIDDING INTERVAL (days) (n=100) | 240.08 |

Doe and Population Inventory in Region 2

| ITEM | Doe inventory | Population inventory |
|----------------|---------------|----------------------|
| BEGINNING | 455 | 584 |
| CURRENT | 702 | 1,204 |
| Increase (No.) | 247 | 620 |
| % Increase | 57.14% | 108.8% |



Project's Accomplishment

Computed Return of Investments for Enterprise Developed

| Allied Enterprise | Production Cost | Total sales | Net Income | ROI | No. of adaptor |
|-------------------------------------|-----------------|-------------|------------|---------|----------------|
| 5-doe level | 34,511.13 | 45,793.75 | 11,282.63 | 32.69% | |
| 10-doe level | 111,402.50 | 81,855.79 | 29,546.71 | 36.10% | |
| Legume Production (1 ha) | 37,455.00 | 75,000.00 | 37,545.00 | 100.24% | 6 |
| UMMB (200 pcs) | 11,293.40 | 30,000.00 | 18,706.40 | 37.64% | 2 |
| Vermi-composting (20 bags/3 months) | 3,800.00 | 5,000.00 | 1,200.00 | 24% | 12 |



Project's Accomplishment



How many are benefited from the capability building activities?

Student trained: 98

Farmers: 1,253

AI Service Providers: 196

Municipalities covered: 34
municipalities

R&D Projects



Development of Signature Goat Breed: the production of CV Signature Goat Breed will promote meat and milk production.

At present, this initiative is on-going.

Future Plans

1. Facility Enhancement:

- Renovation of AI Laboratory
- Purchase of equipment for biotechnology purposes
- Establish training center for entrepreneurs

2. Commercialization of the products developed:

- Private led product marketing

3. Project expansion to other regions thru government agencies assistance and in partnership with private groups

4. Promote partnership with agencies outside the Philippines.

Thank you.

