

10.30-11.00 PRESENTASI NARASUMBER II

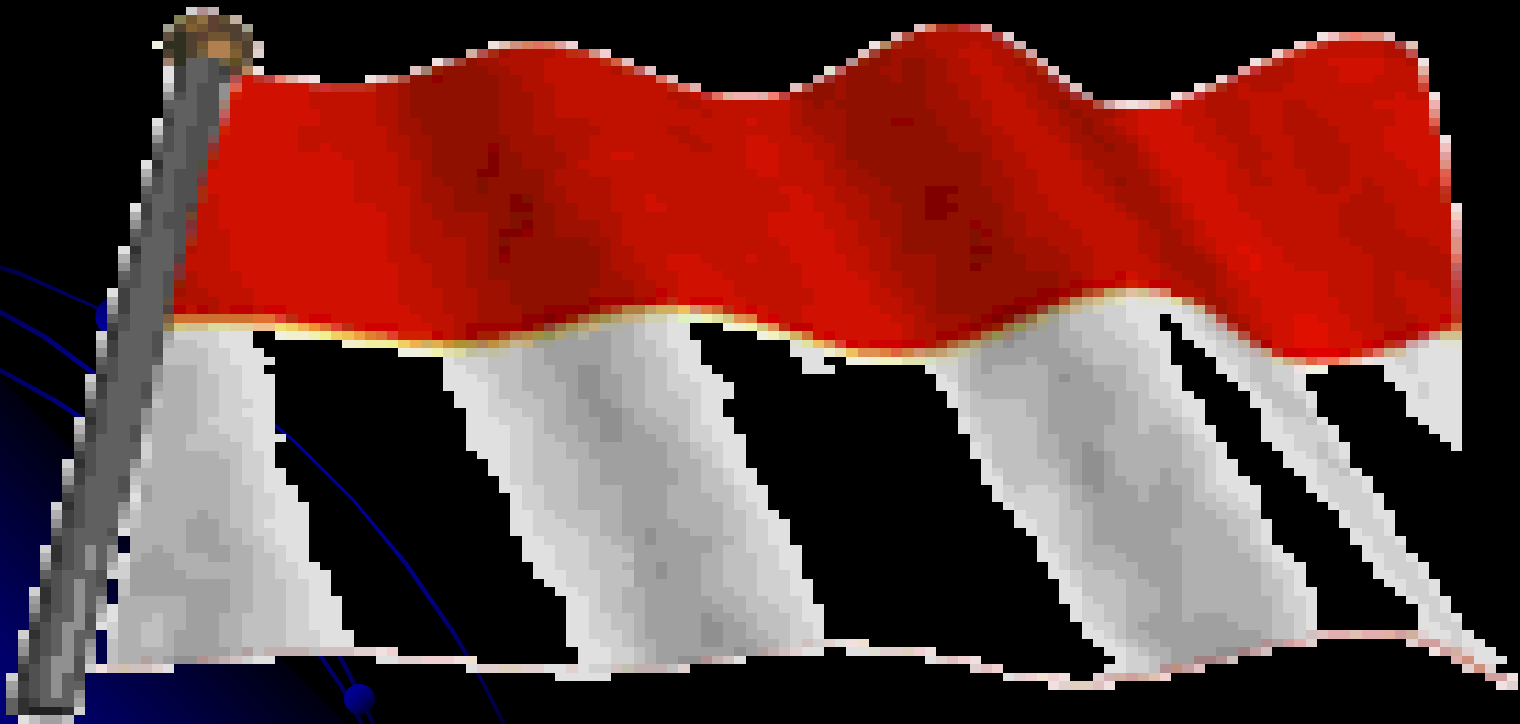
Strategi Komprehensif dalam Menangani Ancaman Berbagai Penyakit Menular Pasca Kasus PMK



VILLAGE BREEDING CENTER

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PTH Dept Fac of Vet Medicine UGM

Indonesia



Indonesia (will) face increasing pressuring posed by:

- **New technologies**
- **Mounting consumer**
- **Political sensitivity to issues of plants, fish, animal and human health**
- **Products integrity**
- **Global issues**



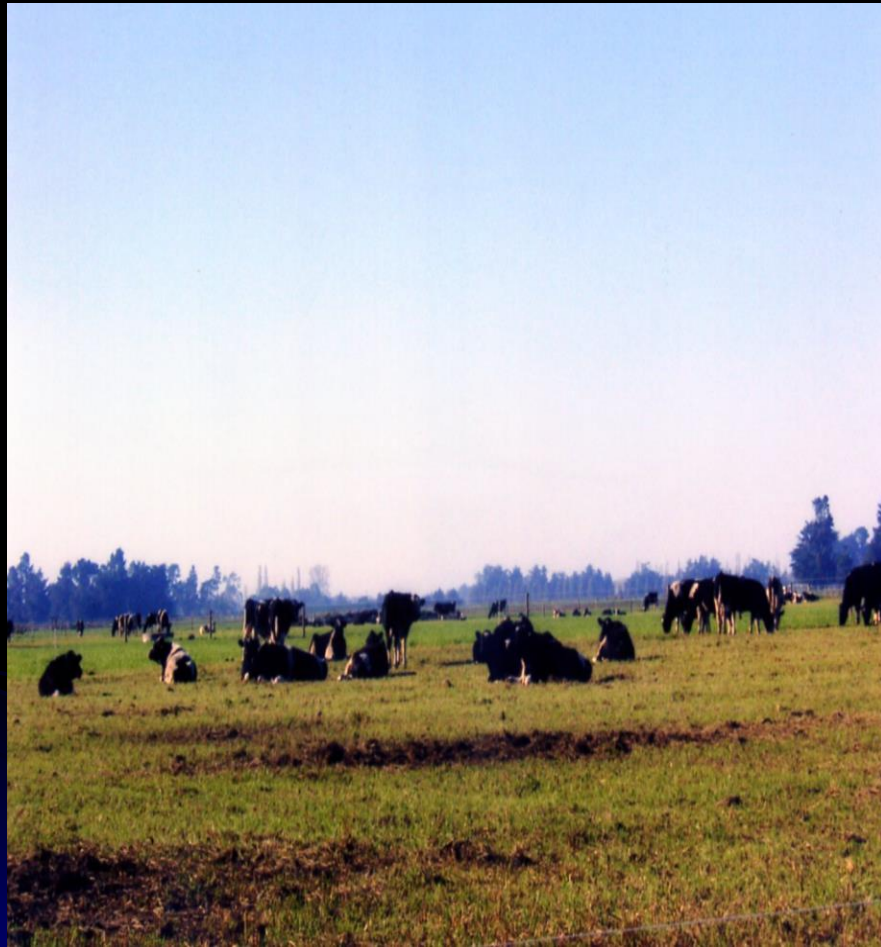


The Bottom Line

- **Can I afford a major outbreak?**
 - **Probably not**
- **How much can I afford to prevent an outbreak?**
- **What are my options?**
- **Who can help?**










BACKGROUND

Health System Delivers

- a competitive advantage
- preferred market access for agricultural industry



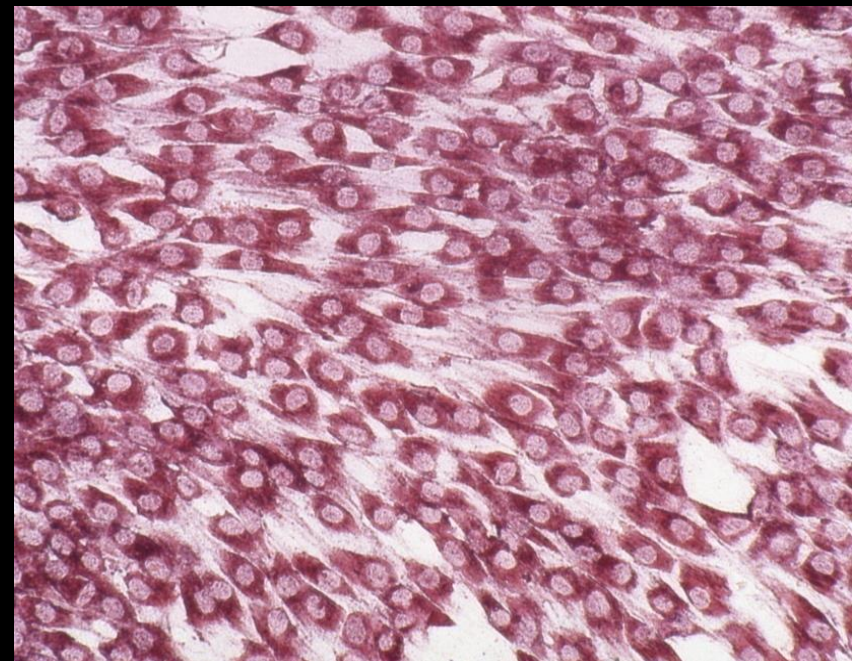
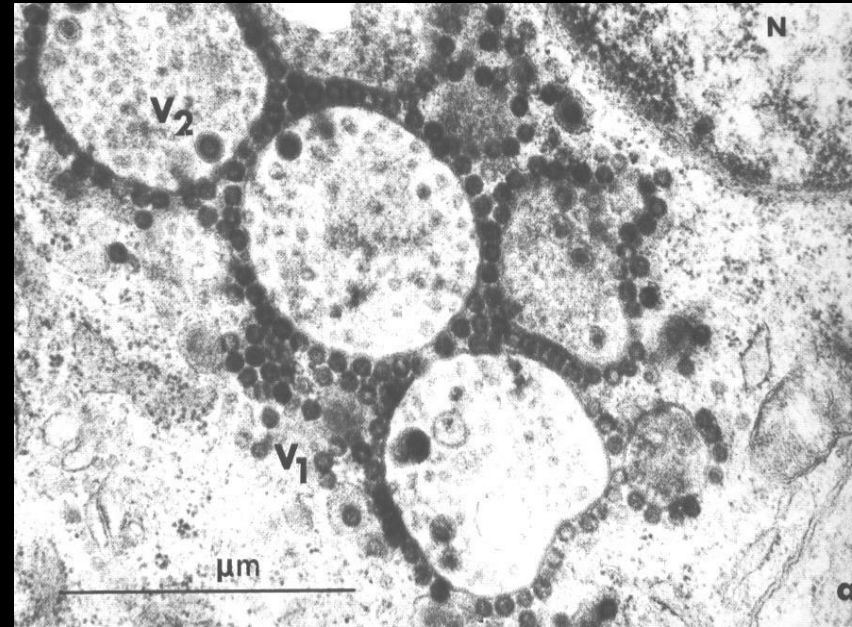


 <h2 style="margin: 0;">SOP</h2> <p style="margin: 0;">STANDARD OPERATING PROCEDURE</p>	
Koordinator KOMITE  Drh. Deddy Fachrudin Kurniawan	Ketua IDHSI  Drh. Asep Rahmat Khaeruddin
Peta	Pengobatan PMK
Nama Prosedur	Pengobatan Lesi Kuku
Nomor Prosedur	3.2.3
Tujuan	Mempercepat pengeringan Lesi/Luka
Siapa	Petugas kandang (Anak Kandang)
Kapan	3 kali sehari
Dimana	Kandang
Jangkauan	Seluruh Sapi yang memiliki Lesi Kuku
Prosedur : <ol style="list-style-type: none"> 1. Buat larutan Tembaga Sulfat 2% (20 gr dalam 1 Liter) dengan menggunakan air segar 2. Semprotkan larutan ke luka/lesi pada kuku Terapi tambahan sesuai kondisi: <ol style="list-style-type: none"> 1. Terapi Oral: larutan gula atau propylene glycol dan premix 2. Injeksi : Antipiretik, Antiradang, Antibiotik LA, dan Multivitamin 3. Infus : Dextrose 50% 1 Botol, NaCl fisiologis 4 Botol 	Alat & Bahan <p>Tembaga Sulfat (CuSO_4 / Terusi) Air Segar Wadah Celup Kuku</p> <p>Injeksi : Anti piretik, Anti radang, Antibiotik LA, Multivitamin</p> <p>Larutan Infus : Dextrose 40% NaCl fisiologis</p> <p>Suplemen : Propylene Glycol Gula</p>
Catatan : Terapi Oral dapat dilakukan oleh Anak Kandang Injeksi dan Infus dilakukan oleh Dokter Hewan / Paramedis	
Tim Penyusun: <ul style="list-style-type: none"> • Prof. Dr. drh. Mochamad Lazuardi, M.Si • Prof. Dr. drh. Suwarno, M.Si • Dr. drh. Denny Widaya Lukman, MSi • drh. Heru Prabowo 	<ul style="list-style-type: none"> • drh. Nanang Purus Subendro • drh. Ajat Sudrajat • Godfrey Nsereko, DVM • drh. Muhammad Taufiq F.
3.2.3	

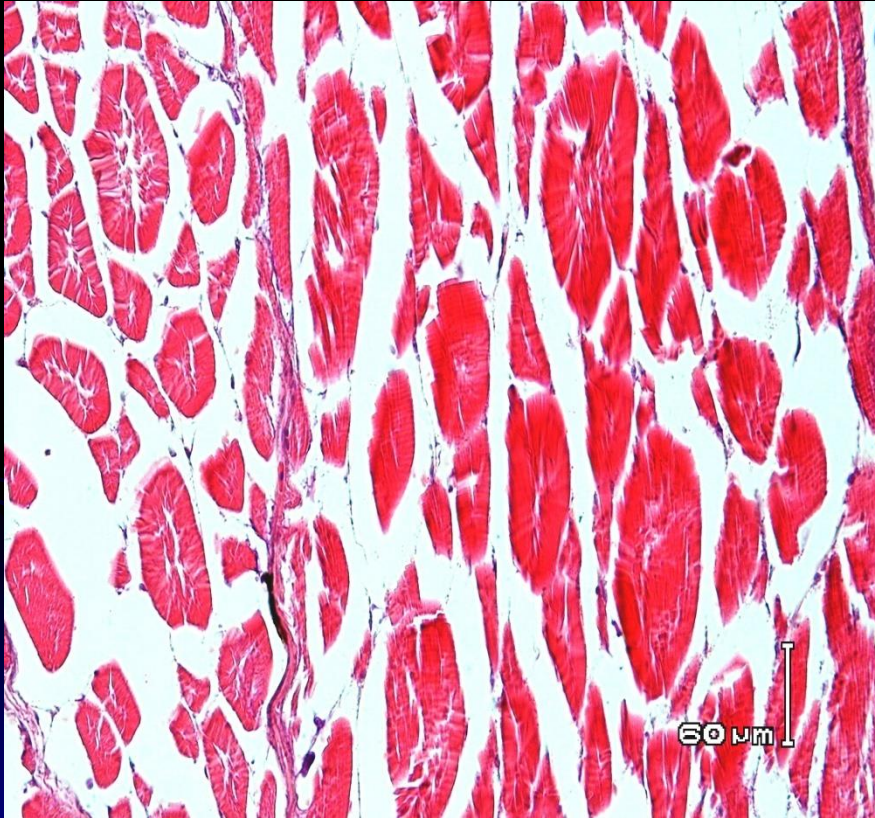
Virus is

intracellular-cytoplasm

- **Replicate needs nutrients**
- **Poorly nourished... inadequate nutrient-no more replication**
- **B1,B6, Folic acid, AA specific (Protein), Mineral (Occasionally)**



Skeletal Muscles

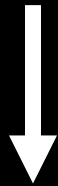


Normal



Hyaline degeneration

Decrease in animal proteins intake



- **Malnourish**
- **Increasing human diseases**





Diminish

- Intelligence
- Education

Lost of

- generation
- the future of the country

KAMIS, 15 Februari 2007



SOLUTION

- **Compensation**
- **Village Breeding Center**

should be developed to appropriate standards in all activities that impact on

- **agripolytant status**
- **ensuring continuous improvement in capability of national agripolytant industrial system**

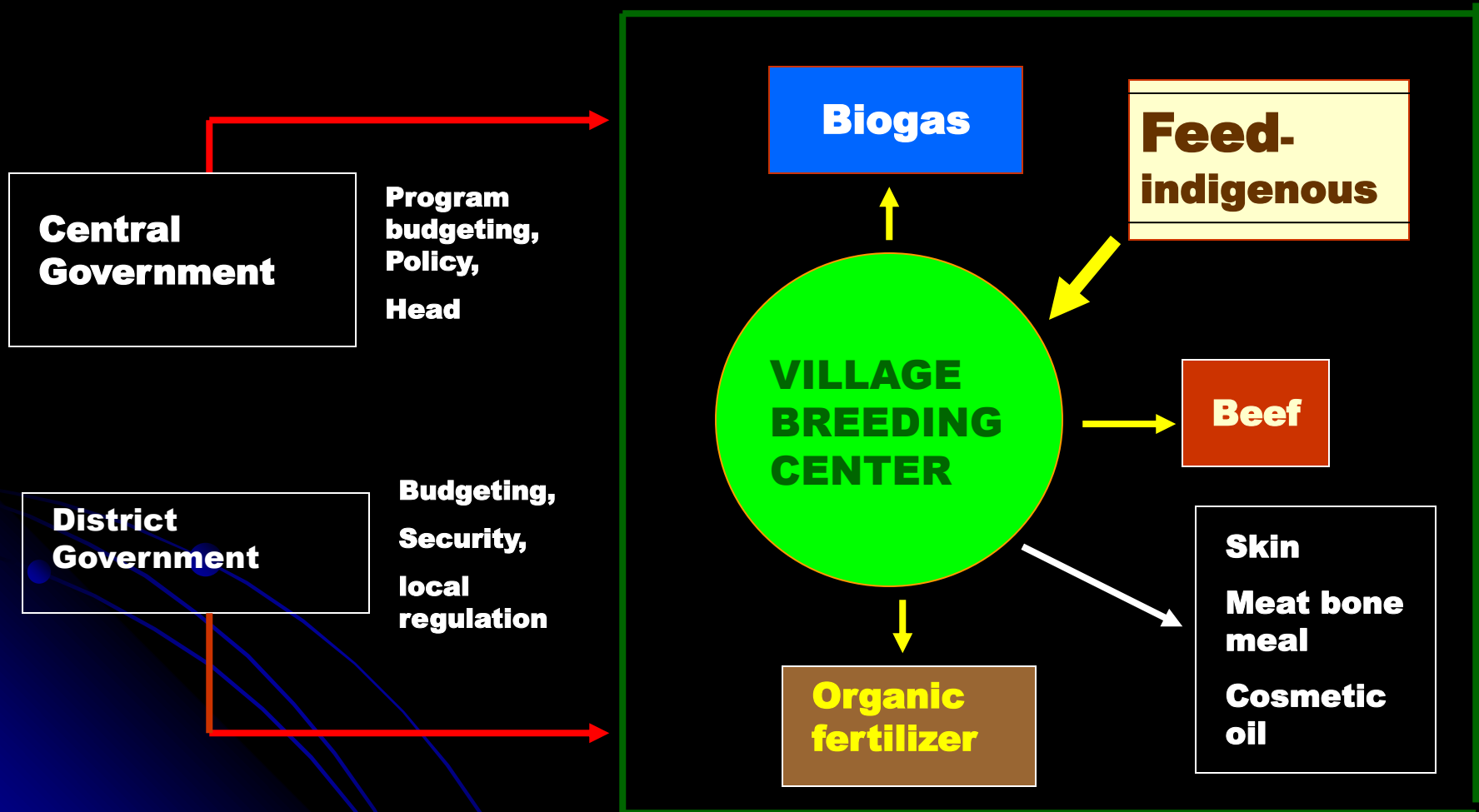


AIMS

- **To improve potency of industrial agriculture for the farmers**
- **To improve income of people**
- **To build-up well-trained instructor for field service and teaching**
- **To set-up the farmers' mind that agripolytant is really main job, not side job**

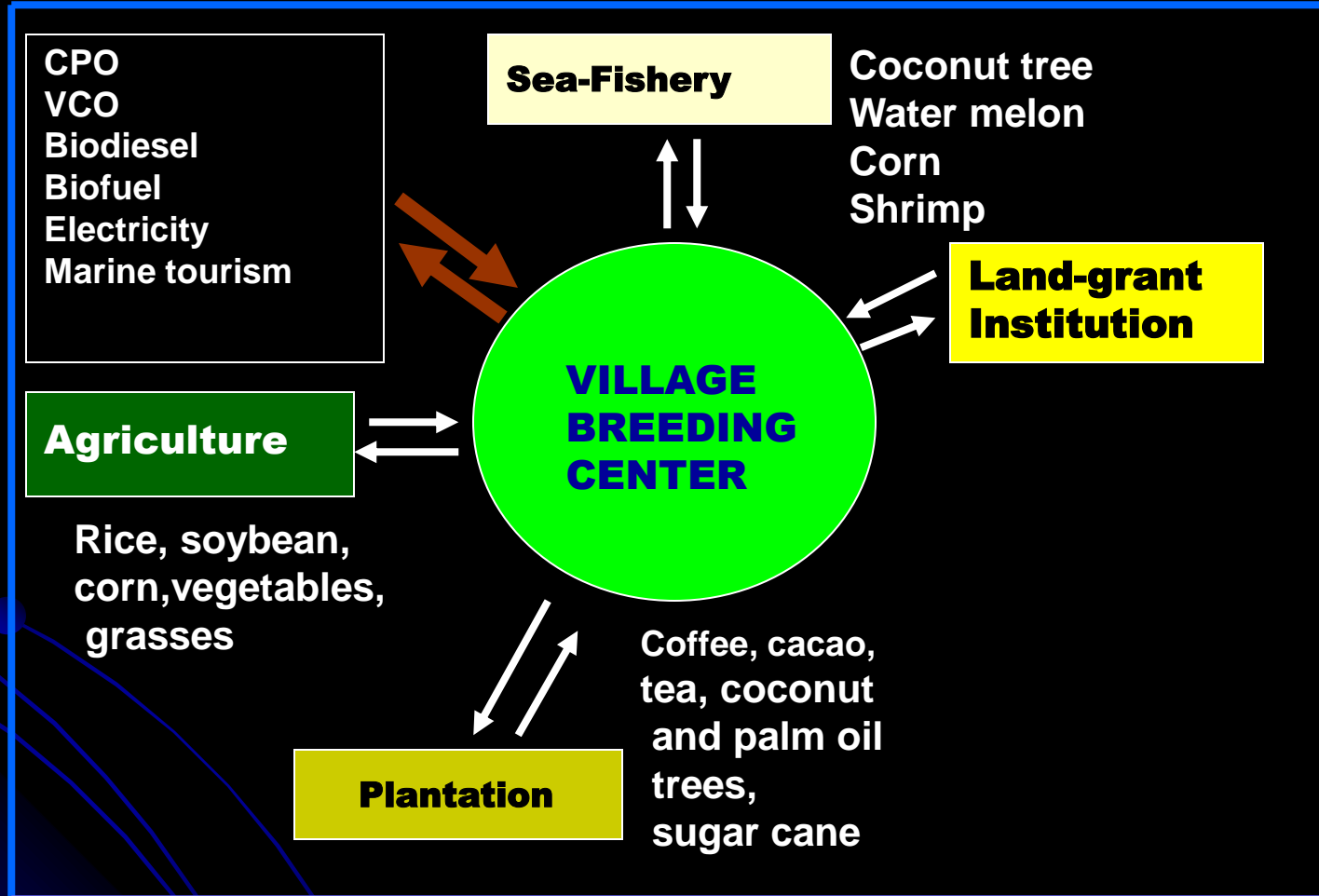


ACTION



ACTION

Cont'd



ACTION

Cont'd



**VILLAGE
BREEDING
CENTER**

- **Develop Center for Animal Diagnostic Laboratory**
- **Survey, selection, monitoring program, training, feed processing**

Land-grant Institution

**Long-term
education program:**

- **Eco-sustainable agriculture**
- **Agro-tourism model**
- **National University of Applied and Tropical Veterinary Medicine and Animal Husbandry**



EXPECTED RESULTS

- **More controlled animal diseases**
- **Improving human health**
- **Creating more jobs**
- **Overcoming poverty and unemployment**



EXPECTED RESULTS

Cont'd

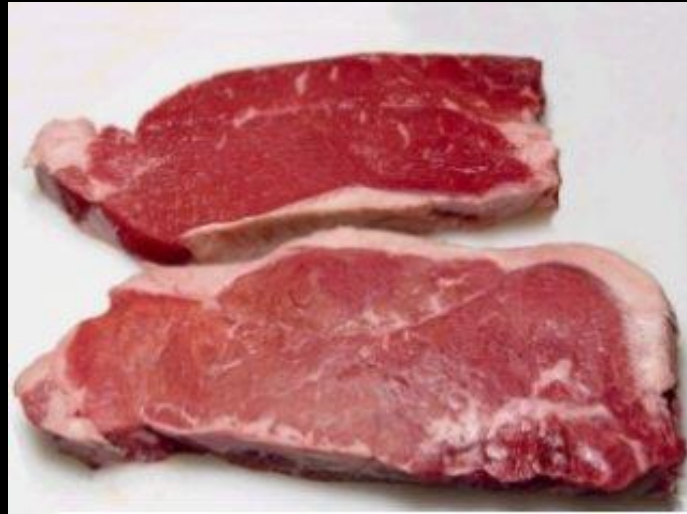
- **Increase the farmers income**
- **Increase the government income**
- **Not import, even export**
- **Economizing devisa**
- **Preventing malnourished people**



Beef

**Enough beef-
national and
affordable price**

**20-30% yearling
imported cattle-
selected as
breeders**



Biogas

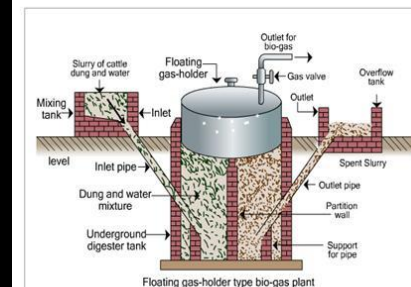
Cattle manure by-product:

- **15 cattle ~ 6 gas tank (15 kg)/month**
- **1 cattle (10-15 kg manure) ~ 0.5 ml petroleum/day**



Biofuels: how Bio Gas is Generated.

Floating gas holder type of plant: The diagram below shows the details of a floating gas holder type of bio gas plant.



Organic fertilizer

Biogas by-product

- Liquid
- Solid

Commercial product



Feed - indigenous

Cattle ration:

a. Concentrate

b. Roughages

- **Body weight: : 2-3%xb.w.**
- **at minimal cost of feed**
- **Commercial pellet production**
- **Affordable price**



FISH FEED

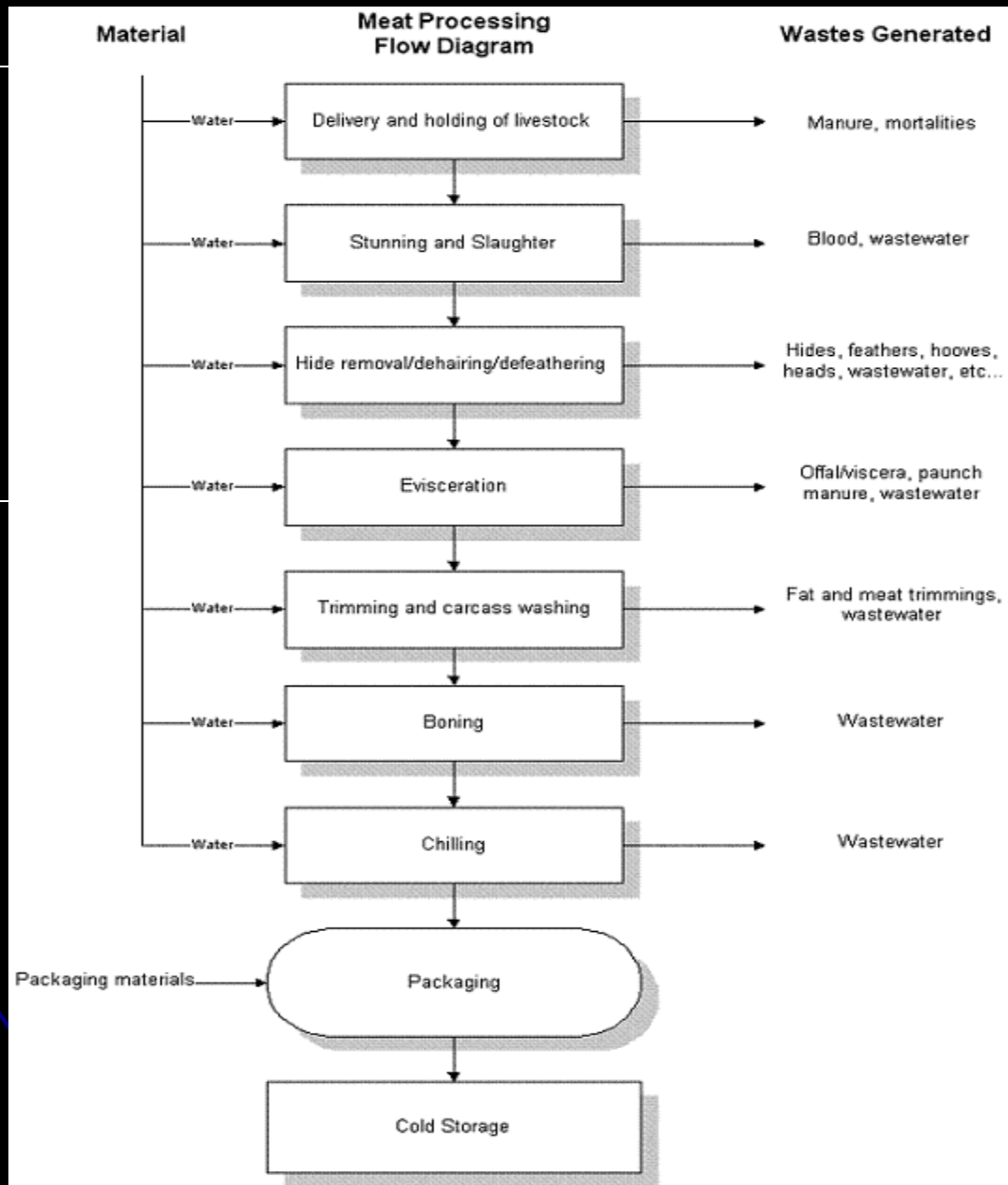
**Silk worm
for catfish,
gouramy
etc.**



Skin

**Meat bone
meal**

Cosmetic oil



CONCLUSION

Indonesia

Back To

**Negara
Agraris**





TERIMA KASIH

