

ORIGIN ANIMAL BREEDING SYSTEM IN VIET NAM

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OBJECT OF ORIGIN ANIMAL BREEDING PROGRAM

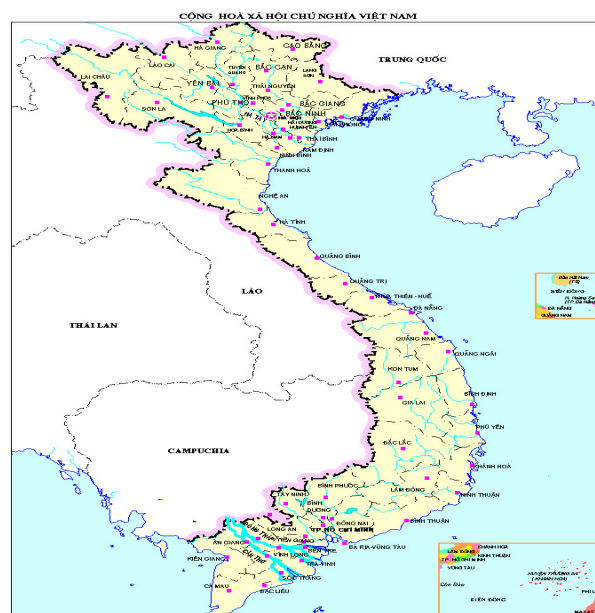
- ✓ Raising, cross-bred, production and supplying breed ✓ Improve management of livestock.
- ✓ Chose males and females best quality. ✓ Improve high ability production, raise the productivity.
- ✓ Using males and females for breeding programme. ✓ Improve marketing.

ORIGIN ANIMAL BREEDING SYSTEM

**MINISTRY OF AGRICULTURAL
AND RURAL DEVELOPMENT**

**DEPARTMENT OF LIVESTOCK
PRODUCTION**

BREEDING STATIONS



DAIRY CATTLE

BEEF CATTLE

BUFFALO

HORSE

GOAT

RABBIT

PIG

POULTRY

DUCK

MUSCODUCK

BEE

SILKWORM

CROSS-BREED FORMULAS ON IMPROVEMENT CATTLE BREEDS

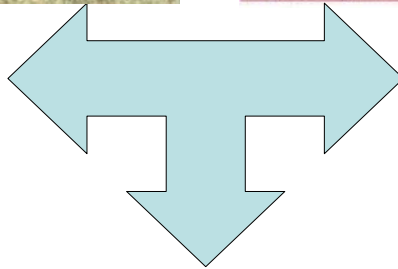
**Step 1: Make Zebu Cross-breed cow by Artificial Insemination
Natural Mating**



Red Sind bull



Viet Nam Yellow cow



Red Sind Cross-breed cow



- Mature BW: male 320-440 kg; cow 230- 275 kg
- Carcass rate: 45-49%; Meat rate: 37-39%;

CROSS-BREED FORMULAS (cont)

Step 2.1: Make beef cattle cross-breed by Artificial Insemination



Charolaise bull

Crimousine bull

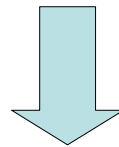
Limousine bull



Brahman bull



Red Sind Cross-breed



- Brah Cross-breed cattle for fattening: BW of bull: 450-600kg; cow: 300-350kg
- Carcass rate: 52-55%; Meat rate: 42-45%

CROSS-BREED FORMULAS (cont)

Step 2.2: Make Dairy cattle cross-breed by Artificial Insemination

Dams

Red
Sind
Cross-
breed



Sires

HF (Holstein Friesian)



F1: 50% HF

MY: 2600kg/ per
lactation



HF



F2: 75% HF

MY: 3200
kg/per
lactation



HF



F3: 87.5% HF MY:
3800 kg/ per
lactation



PIG BREEDS



LANDRACE



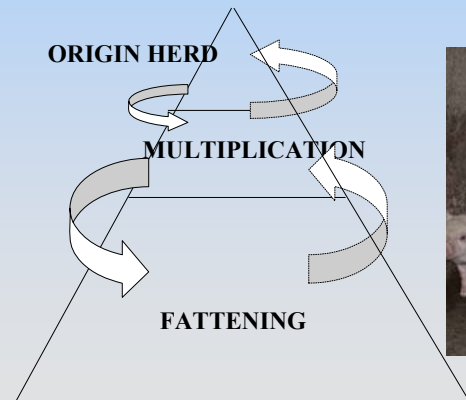
DUROC



PIETRAIN



YORKSHIRE



MONG CAI

POULTRY BREEDS



RI



AI CAP



LUONG PHUONG



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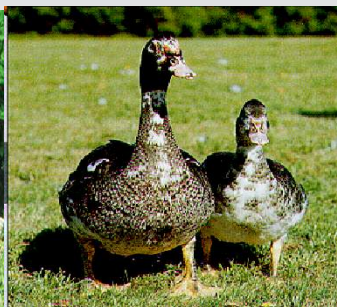
ROTRI



ROSS



DUCK CO, SUPPER, KHAKI, BAU BREEDS



MUSCODUCK VIET NAM, R71, R31, R51 BREEDS



GOAT VIET NAM, BACH THAO, BARBARI, ALPINE BREEDS



HORSE VIET NAM, CABADIN BREEDS



BUFALO VIET NAM, MURRA BREEDS



RABBIT GREY, NEWZEALAND WHITE BREEDS



APIS CERANA (VIETNAM), APIS MELLIFERA



SILKWORM BV1, TQ112 BREEDS