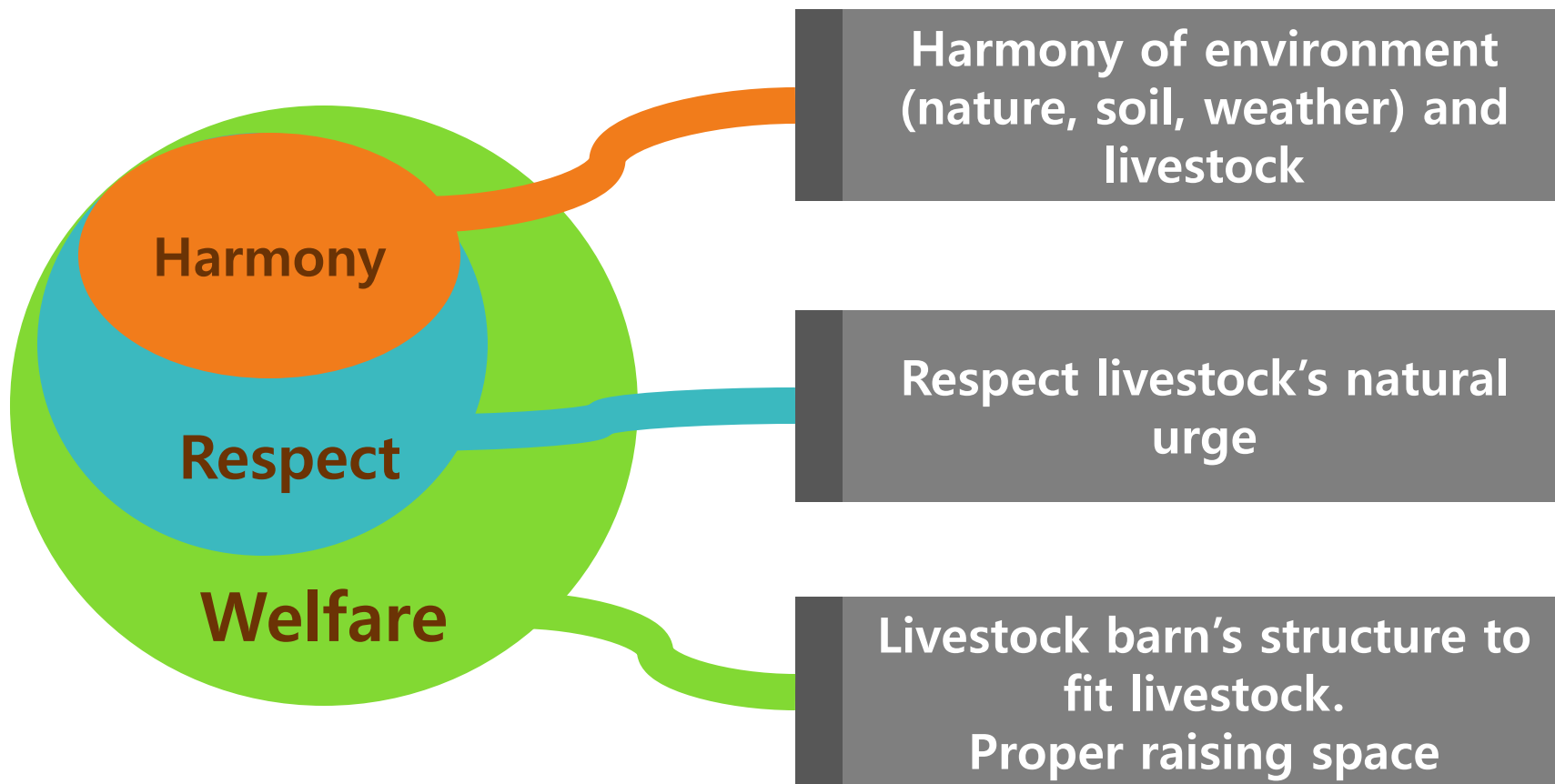


Natural Farming by Pig

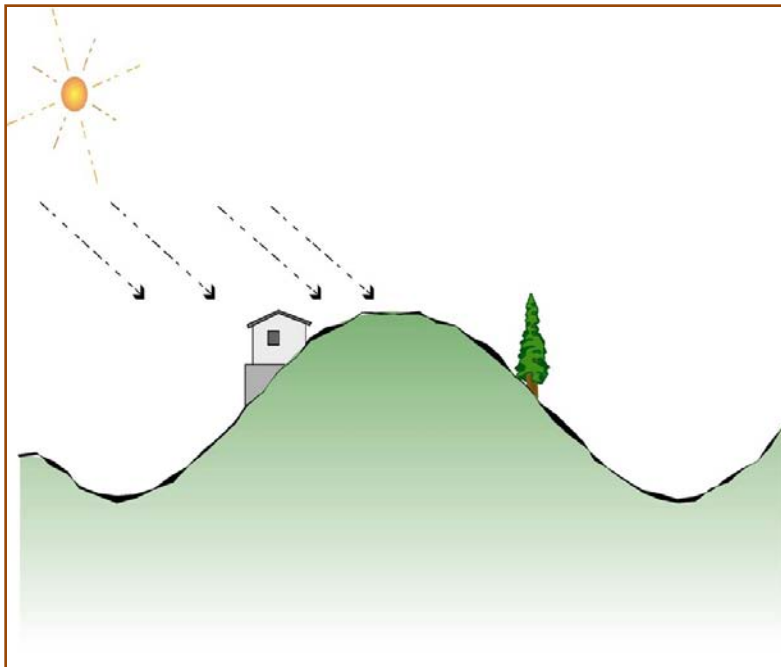


Cho Global Natural Farming(CGNF)

■ Principles of Natural Farming livestock barn

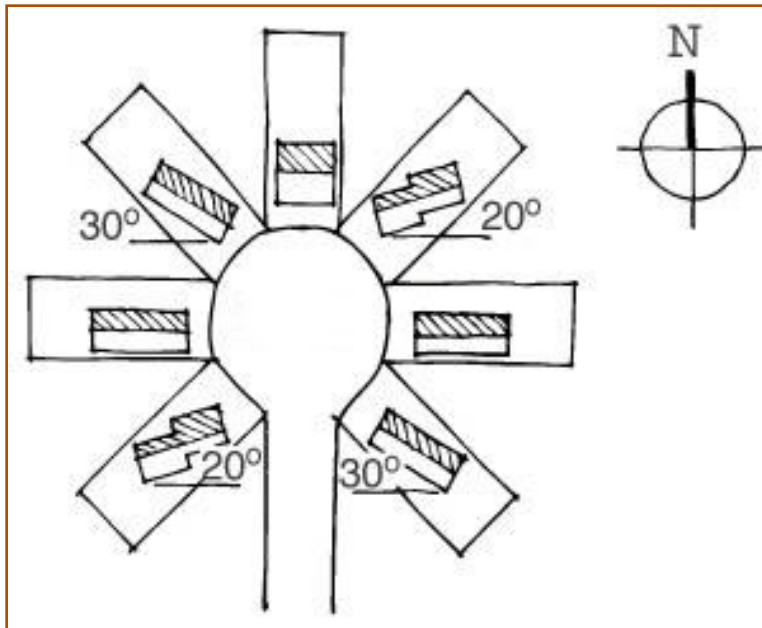


■ Condition of Ground



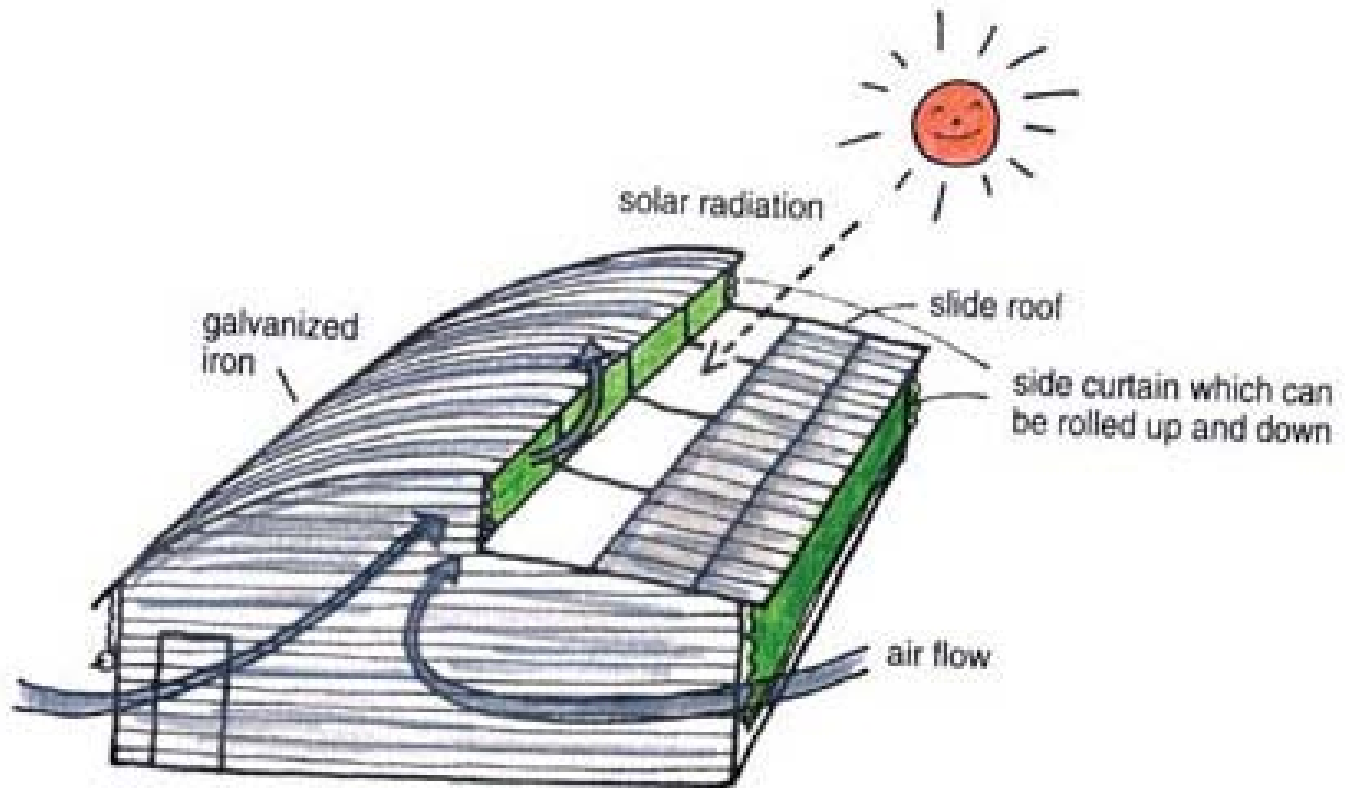
- Fine for sunshine & ventilation
- Firm ground & Good drainage
- Fine view & Fresh air
- Silent & Maintaining good quality of environment

■ Direction and arrangement



- The best direction is southern and within 30 degrees for east or 20 degrees for west is possible.
- **East** : The morning sunshine light deeply on barn and in winter's morning is warm. But in the afternoon is cold.
- **West** : In the afternoon, it is hot, because sunshine light deeply
- **South** : Sunshine does not light on barn deeply because the sun altitude is high in summer. it is warm in winter due to light on barn deeply.
- **North** : Sunshine does not light all day, and due of north wind it is cold in winter.

■ Flow of convection in livestock barn



■ Exterior form of Pigpen

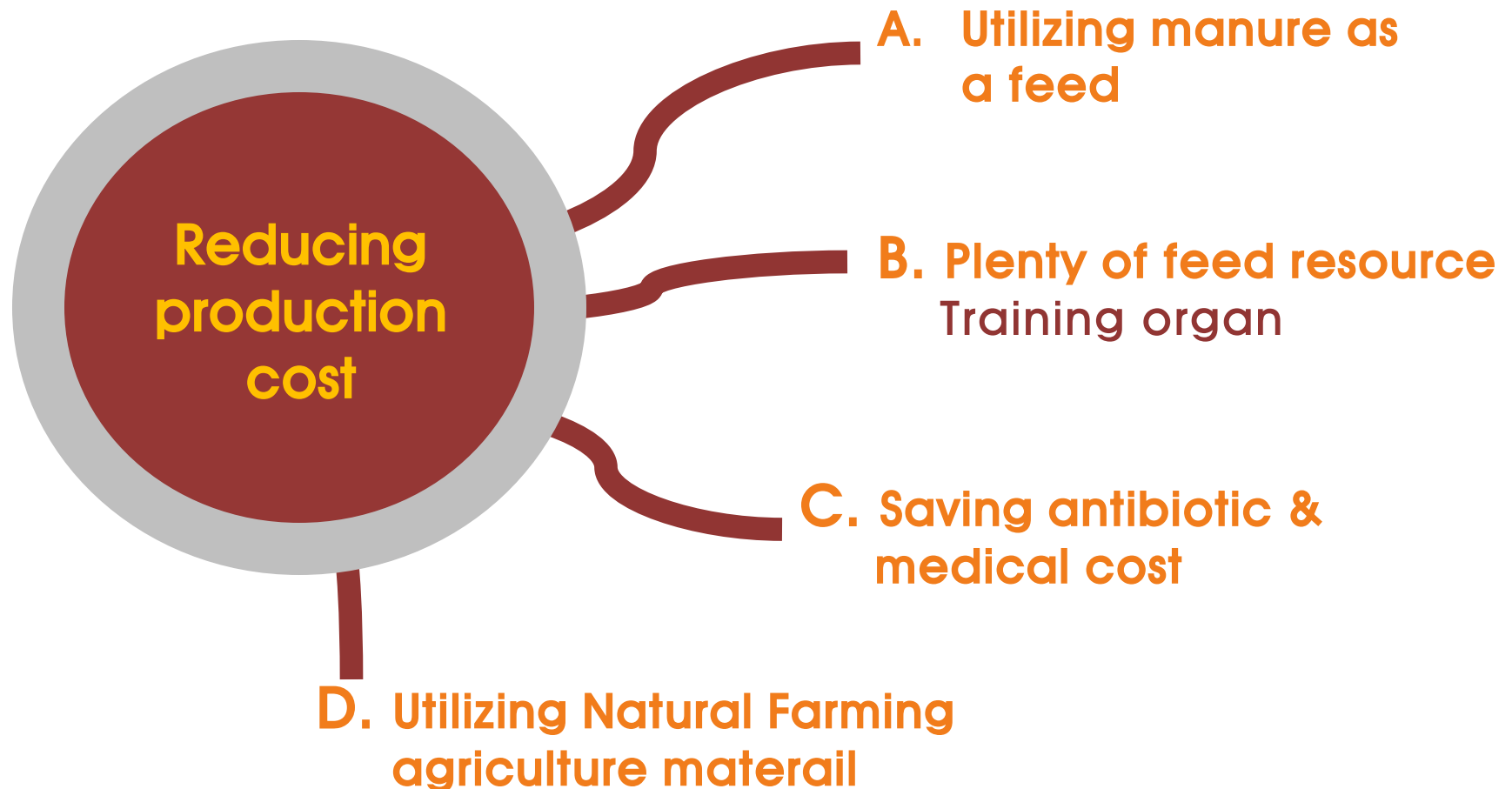


Side wall window:
Control sunshine &
temperature

■ Characteristics of Natural Farming livestock



■ Characteristics of Natural Farming livestock



■ Characteristics of Natural Farming livestock

**Labor
saving**

Labor of cleaning
Labor of removing
manure

**Eco-
friendly**

Waste water, odor and noise is
not nearly produced.
Reduce damage from insect

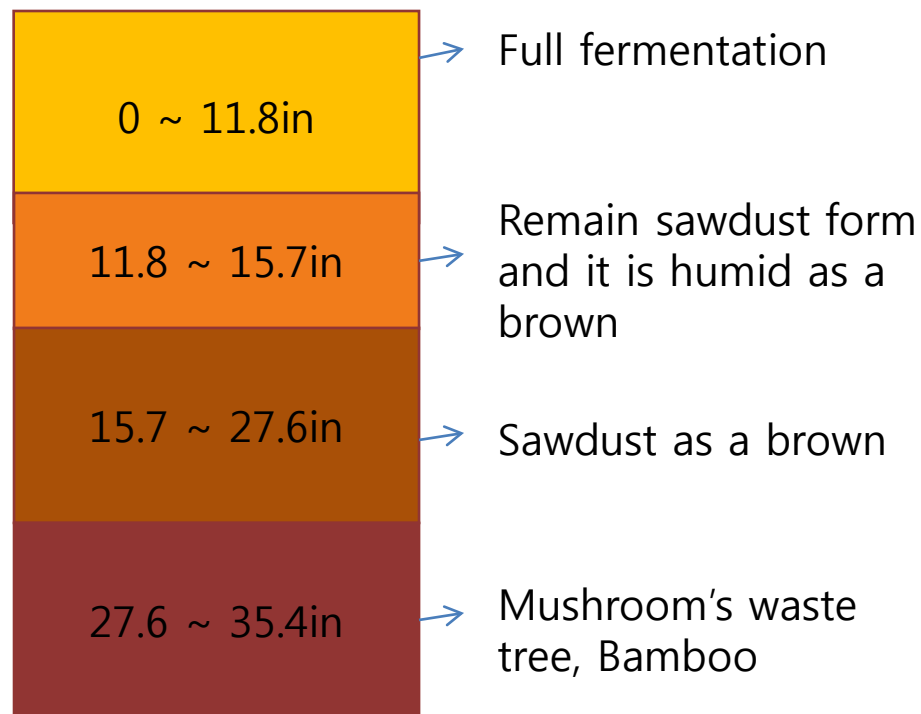
■ Making pigpen' s ground



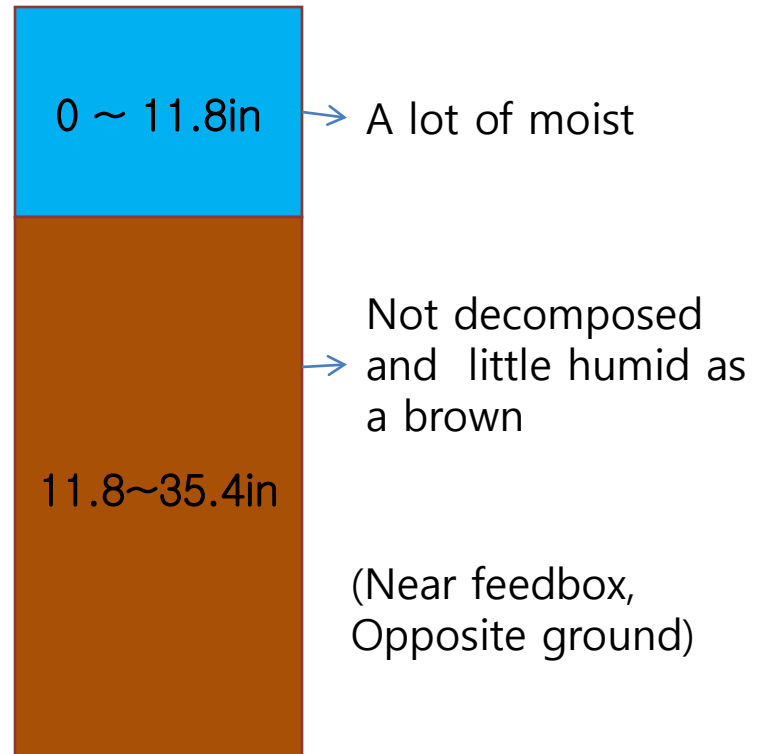
■ Making pigpen' s ground



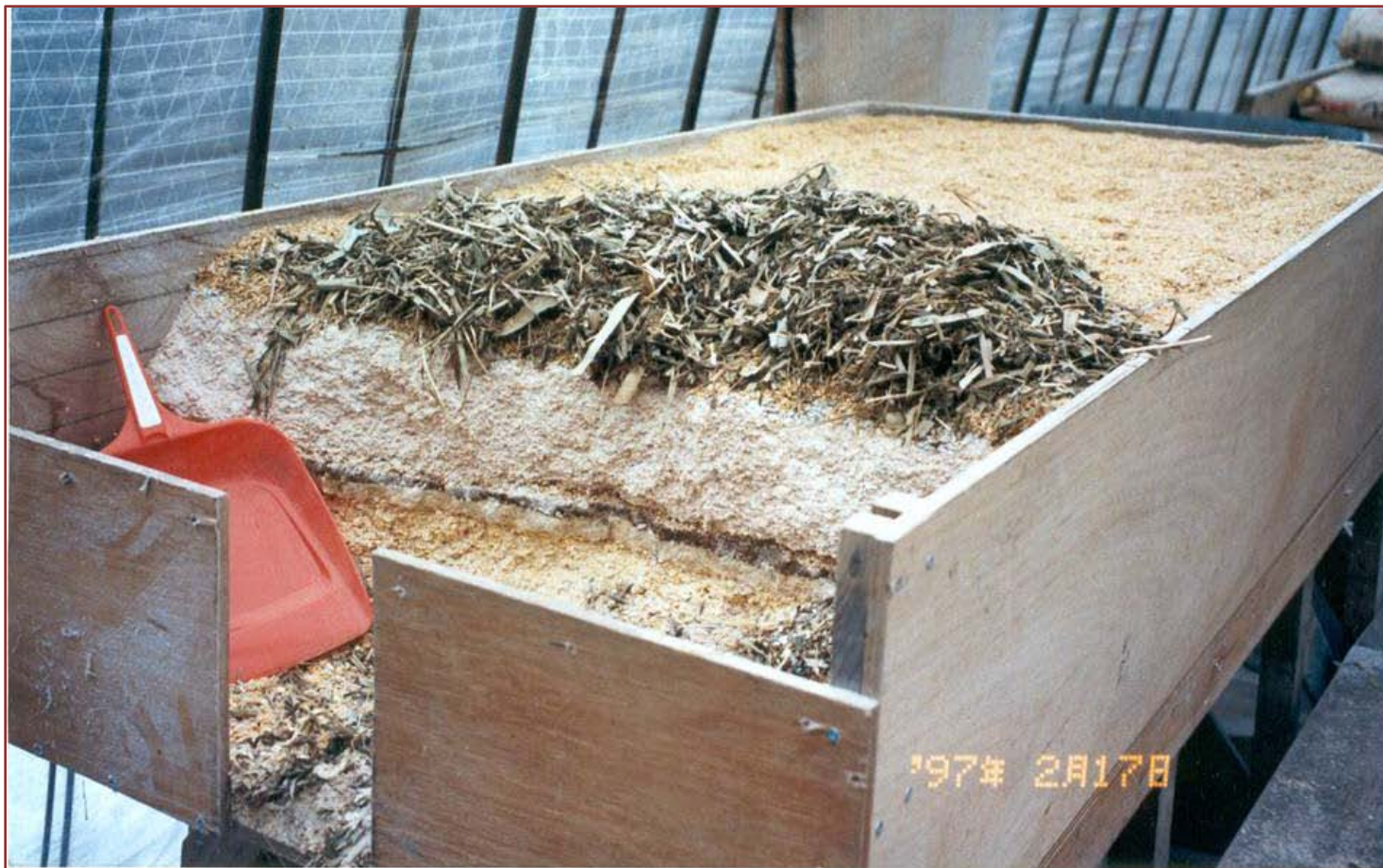
■ Utilizing manure as feed stuff



■ Characteristics of Natural Farming livestock



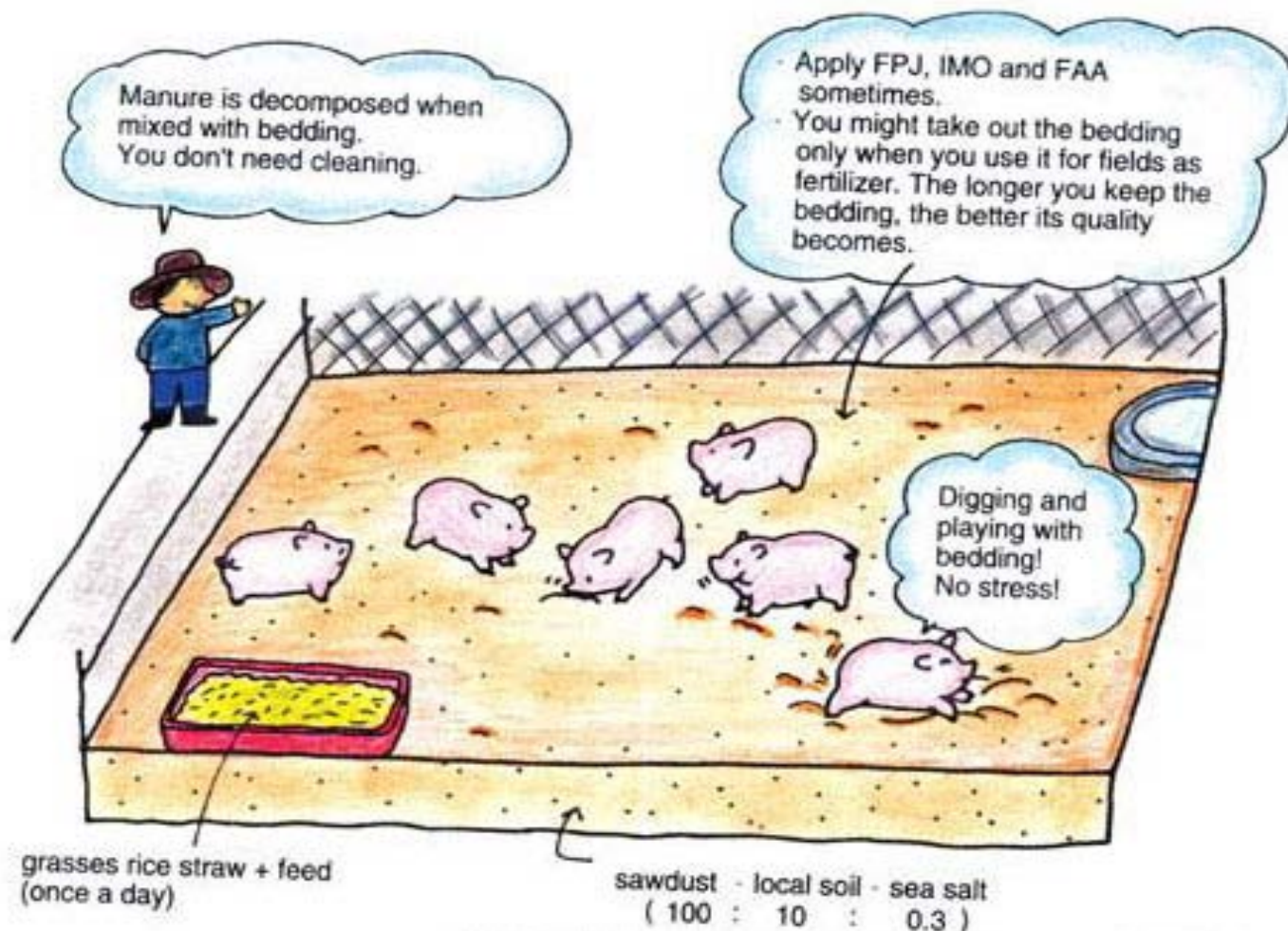
■ Self-supplying feed



■ Self-supplying feed



Interior of fattening pen



Pig feces should not be removed as they are being utilized as pig feed

■ Pigpen—interior environment

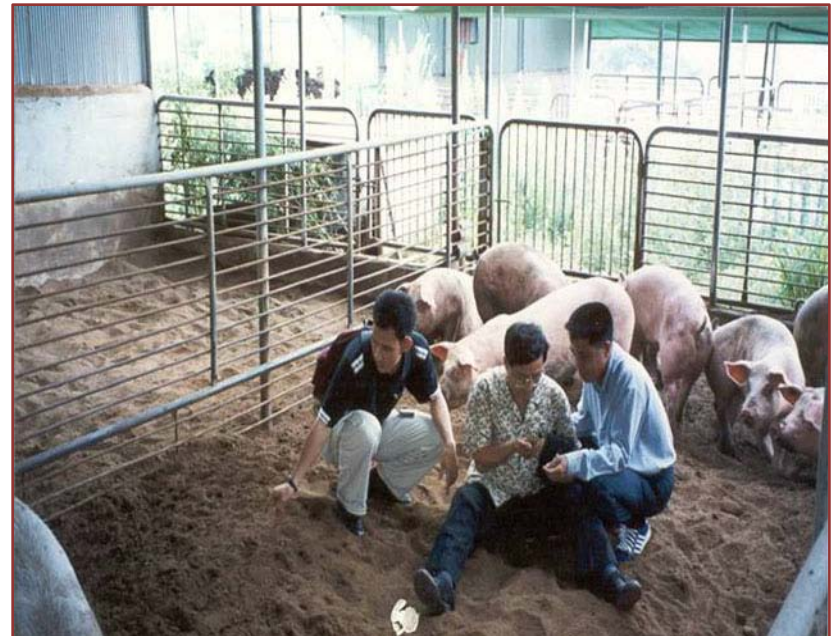
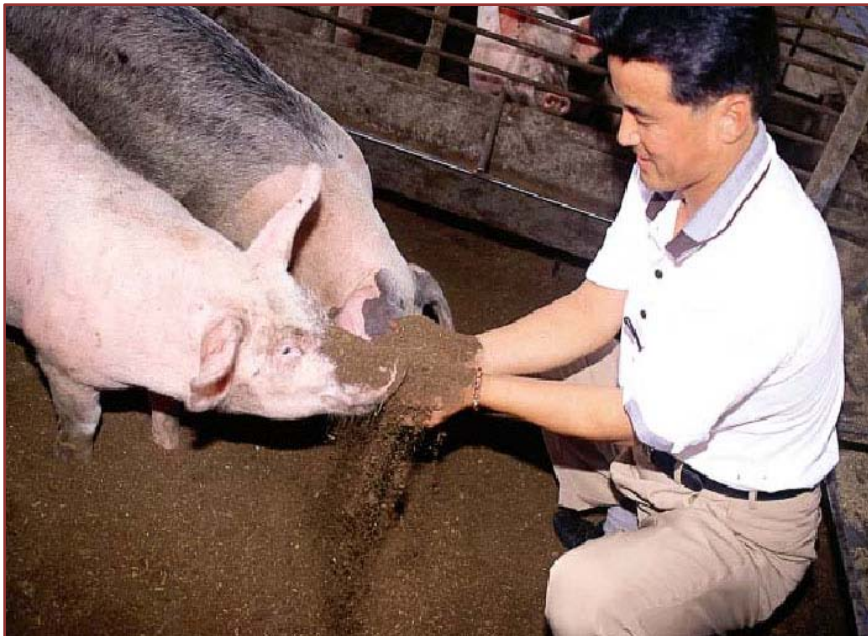


■ Interior of fattening pen



■ Characteristics of Natural Farming livestock

NO-Cleaning



■ Favorite grass



■ Characteristic of Pig



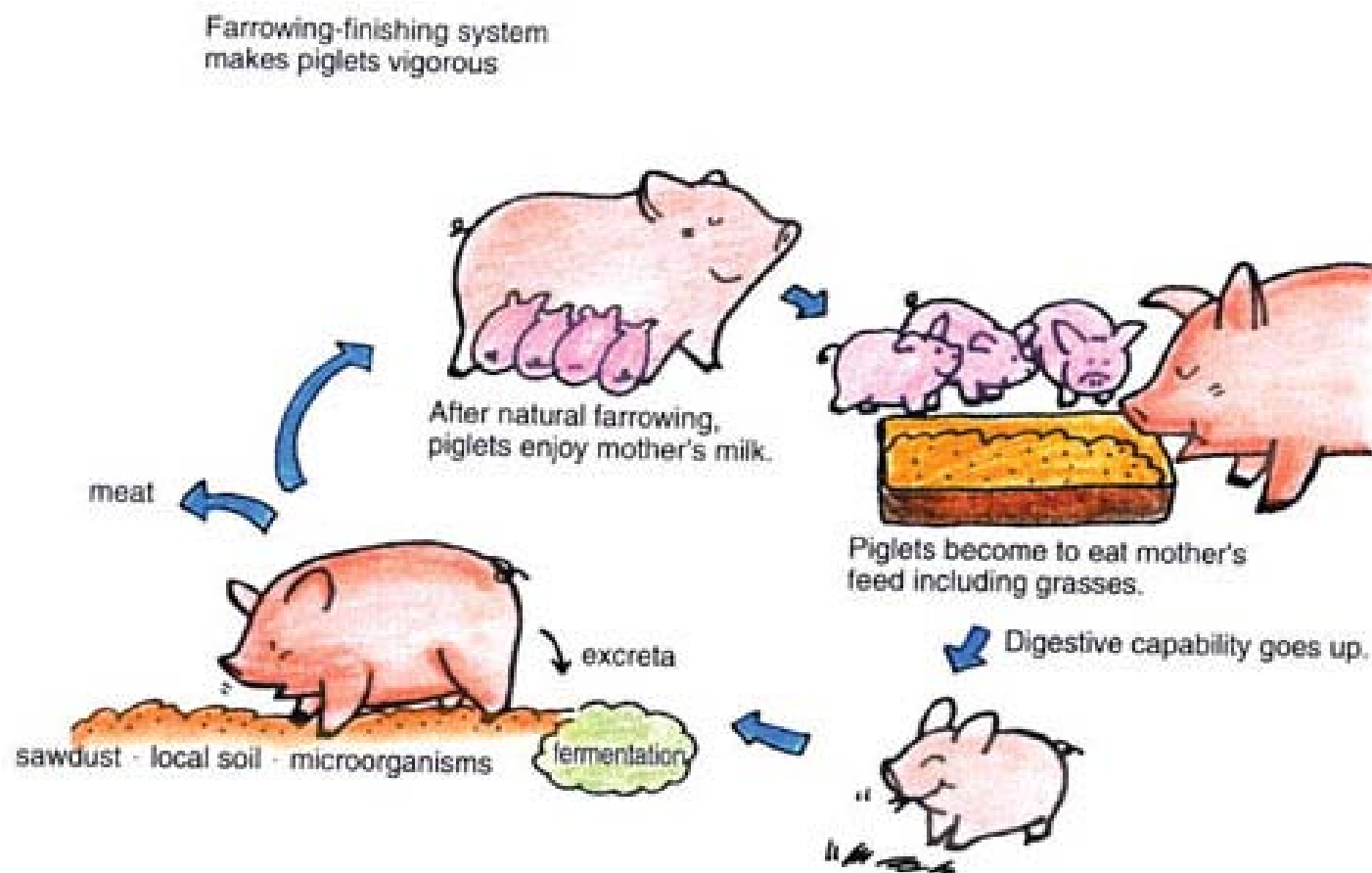
■ Full liberty and equality



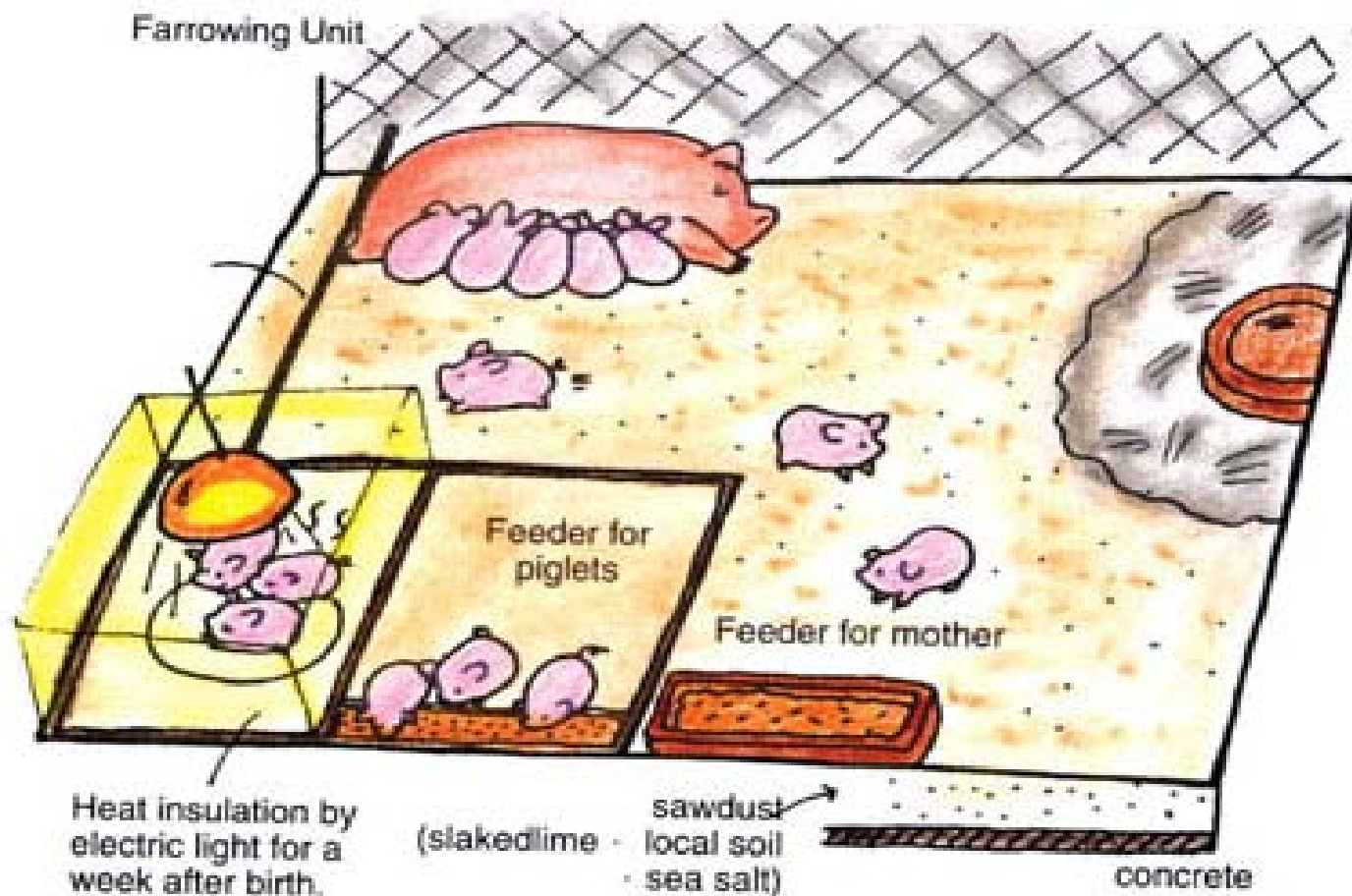
■ Not need heating system



■ Sow & piglet



■ Farrowing pen



■ Interior of Farrowing pen



■ Interior of farrowing pen



■ Characteristics of Natural Farming livestock

Help each other



■ Characteristics of Natural Farming livestock



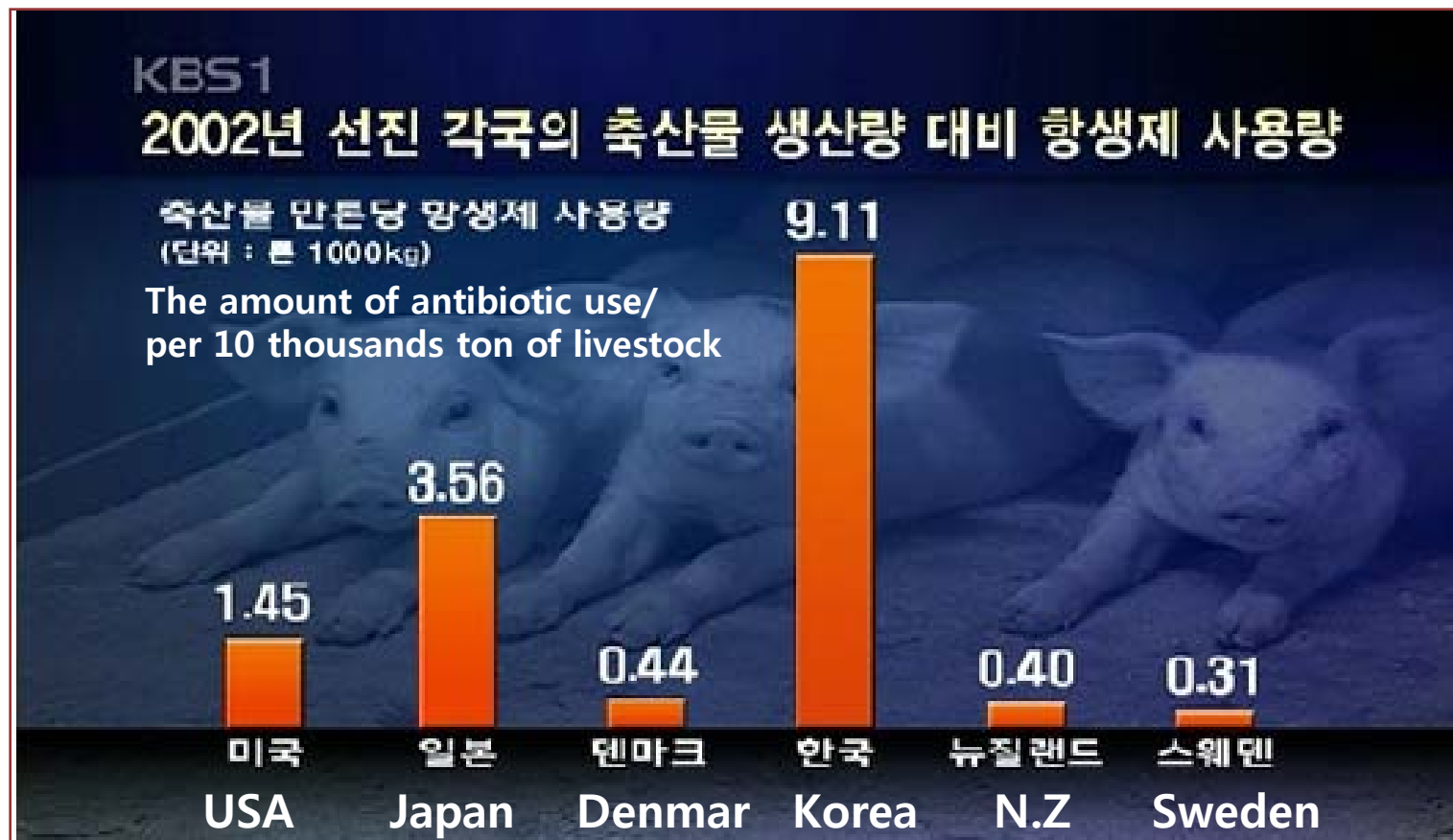
■ Mechanical farrowing pen



source : KBS1 "eco-special"-Animal factory

■ The amount of antibiotic use

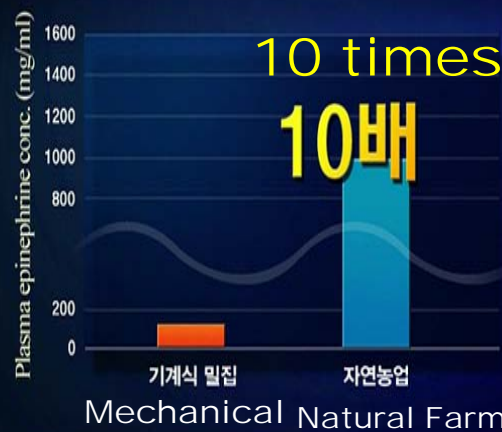
The amount of advanced countries antibiotic use in 2002



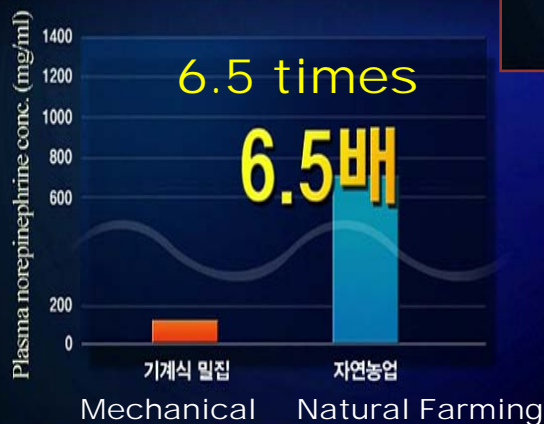
source : KBS1 "eco-special"-Animal factory

Hormone against stress

Hormone against stress 스트레스 대응호르몬 검출



Hormone against stress 스트레스 대응호르몬 검출



Hormone against stress 스트레스 대응호르몬 검출



source : KBS1 "eco-special"-Animal factory

THANK YOU



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