Natural Farmed Pork
no cleaning, no smell, no antibiotics, no disease
Natural History

• 2005 - Introduced from Korea
  • Han Kyu Cho - awarded highest Chinese honor for service during Olympics

• Proven in Hawai’i
  • 3+ years running without smell or disease

• Now NRCS approved as best practice
Natural Principles

- Harmony of environment (nature, soil, weather) and livestock
- Respect livestock’s natural urge
- Livestock barn’s structure to fit livestock. Proper raising space
Natural Farming “No Smell” Pig Technology

Building Requirements
1. Longer dimension oriented north to south
2. Opening in **top** and east/west **sides** of building to allow air to circulate naturally with heat of sun

Floor Materials
1. Plastic liner
2. 6 inches depth of Charcoal (not briquets)
3. 2 feet depth of logs greater than 4” diameter and at least 4’ long
4. 2.5 feet depth of green waste such as chopped banana stalk or wood chips

For every 100 sqft
- inoculate with 2lb IMO#4
- activate with 3 Tbsp LAB and 3 Tbsp FPJ diluted in 1.5 gallons of water

Activate floor 2 weeks before introducing animals. If smell arises, re-activate. Protect from the rain and do not let floor get excessively wet.
Why no smell

- Smell is telling you the presence of pathogenic microbes
- Pig pen has so many good microbes and is dry.
- They suck the moisture out of the waste before the pathogens have a chance to eat and propagate.
- Oxygen helps.
Piggery Barn Design

- solar radiation
- slide roof
- side curtain which can be rolled up and down
- galvanized iron
- air flow

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Barn Orientation

- 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.

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**Fattening Pen**

- Manure is decomposed when mixed with bedding. You don't need cleaning.
- Apply FPJ, IMO and FAA sometimes.
  - You might take out the bedding only when you use it for fields as fertilizer. The longer you keep the bedding, the better its quality becomes.
- Digging and playing with bedding! No stress!

**Ingredients:**
- Grasses, rice straw, feed (once a day)
- Sawdust, local soil, sea salt
  - (100 : 10 : 0.3)
Fattening Pen
Farrowing Pen

Heat insulation by electric light for a week after birth.

Feeder for piglets

Feeder for mother

(slaked lime - sawdust - local soil - sea salt)

Concrete
Farrowing Pen
Sow & Piglet

Farrowing-finishing system makes piglets vigorous.

After natural farrowing, piglets enjoy mother’s milk.

Piglets become to eat mother’s feed including grasses.

Digestive capability goes up.

meat

excreta

sawdust - local soil - microorganisms

fermentation

© CGNF
No need for heating
No need for cleaning
The Secret is Concentrated Compost

Just dilute to use
Making Concentrated Compost
Hubbel’s Hog Heaven
Hubbel’s Hog Heaven
I’m so happy with no smell
Feed Ratio

30% leaves/grasses/roughage
30% roots/grains
30% fruits
10% concentrated compost
Excellent local book on planting for hog and chicken food

Liz Hubbell

http://hubbellshogheaven.blogspot.com/
Rescue Remedies

- If pen begins to smell, spray with lactic acid bacteria
Ahupua’a System

- Pigs were outcasted to the country, now we can grow them in city centers to reduce refuse. no smell. no disease. nutrients travel from city to “farm”. close loop that was open for years.

- A piggery in every township

- drop off food waste, get credit

- Can be reserve for currency. Pork tokens. Everybody knows somebody that wants Bacon.

- Universally acceptable. Can be built anywhere.

- process human waste?
This Same Technology Grows Amazing Plants
Get Odorless Pigs into your program

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