

SAISEKO

CASE STUDY

Farming Calculation

Benefits

1. Improving the physical health of the stock
 - Improved digestive system
 - Improved hydration
2. Reducing the odour of the stock and their waste
 - FAR Infrared from the ceramic powder to help evaporate ammonia
3. Reducing the stress level of the stock
 - Number 1 and 2 to attribute to 'happier' stock
4. Decreased mortality rate
 - Numbers 1-3 leads to drop the mortality rate of the stock
5. Healthy and quality meat produced
 - Higher profit for farmers and better products for consumers
6. Environmental friendly
 - Our farming method does not harm the environment.

Profit calculation(breeding)

	Normal breeding method	SAISEIKO Farming Technology method	Difference (%)
Breeding period(days)	185-200	170-185	App. 15 days shorter (7.5% more effective)
Weight when slaughtered(kg)	110-115	115-120	5kg heavier (App. 4.3% more effective)
Mortality rate (%)	4-6%	1-2%	66% more effective

*Based on the case study conducted in Korea.

1. By shortening the breeding period feeding cost can be saved. Adult pigs eat about 3kg or more feed everyday
2. No need for growth hormone, antibiotics, or growth promoting agents
3. Better quality meat produced.
4. By improving the breeding condition, less labour is required.

Profit calculation(meat)

	1	2	3	4	5	6	Total	Aver weight (lb)
Normal breeding method	69.3	77.2	66.5	62.7	82.9	81.7	440.3	73.38
SAISEIKO Technology method	96.6	98.2	92.8	102.3	106.5	108.3	606.7	101.11
Difference	27.3	21	26.3	39.6	23.6	26.6	166.4	27.73(App. 38%)

*Only the meat weight was weighed without any bones.

**In general, minimum 30% of breeding cost can be reduced and almost 40% more meat is produced while labour can be cut into half.