

Viet-GAHP fattening pig producer questionnaire**No:**

[] VietGAHP

[] Non - VietGAHP

Data entry number:	
Interviewer's name :	
District:	
Commune:	
Interview date:	
Time interview started:	
Time interview ended:	

A GENERAL INFORMATION OF HOUSEHOLD**A1. General information of respondent:**

a, Respondent's name :	
b. Respondent's phone number:	
c. Position in the household	1 = Head 2 = Spouse 3= Other:_____
d. Gender	1= Male 2= Female
e. Age (years)	
f. Are you the main labour raising pigs in your household?	1= Yes 2= No

A2: General information of household members (living and eating together for 3 months)

No.	Members of your household, [FIRST NAMES] starting with the Household head	Age in Years	Sex 1=Male 0=Female	Relationship to household head CODE	Highest education level attained CODE		Primary Occupation CODE	Ethnicity CODE	Do you/Does (use names provided in column 2) participate in pig raising? 1=Yes 2= No
					Highest level	Years			
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
Relationship to household head		Highest education level attained				Primary Occupation		Ethnicity	
1 = Head 2 = Spouse 3 = Child 4 = Sibling 5 = Parent 6 = Grand parents 7 = Other (specify)_____		0 = No formal education 1=primary 2=secondary 3=Tertiary training 4 = Vocational training 5= Collegde 6=University 7= others (specify)				1= Framer 2=Government Employee 3=Trader 4=Wage worker 5 = Homemaker 6=Other (specify)_____		1= Kinh 2=other (specify)	

2. Who is the main labor in pig raising?

[]1. Self []2. Spouse []3. Daughters []4. Sons
 []5. Other female hh member []6. Other male hh members []7. Other (Specify).....

Experience years of the main labor in pig production..... (Years)

A3. Household income in 2014

A3.1 On-farm income and production

Item	Unit	Quantity	Price (million đ)	Total income (million đ)	Use for pig raising (tick)
1. Rice	kg				
2. Maize	kg				
3. Vegetable					
4. Other crops					
5. Poultry					
Chicken					
Duck					
Musk duck					
6. Cattle					
7. Fish					
8. Other					

A3.2 Off-farm income

Item	Source of income 1= Husband 2= Wife 3= Son 4= Daughter 5= Other (specify)	Average quantity/month (000' VND)	No month/ year (month)	of	Total income/year (000' VND)
Salaries/wages					
Remittances/donations/ gifts					
Business					
Hired labor					

B. PRODUCTION RESOURCES

B. 1 Capital and land

1. Currently, does someone in your household have access to credit loan for pig production? ☐ 1= yes; ☐ 2= no

2. If yes, Specify:

Source of capital	Who in the household accesses credit loans? CODE	Quantity (million VND)	Interest rate (%/year)	Purpose 1= Improve infrastructures for pig production 2= Purchase feed 3= Breeding 4= Others (specify)
1. Bank				
2. Credit funds				
3. Brother/neighbor				
4. Others				

1= self, 2=Spouse, 3=Daughters, 4=Sons

5=other female hh members 6=other male hh members 7=other(specify)

3. Did someone in your household try to access loans or credit and did not succeed?

1. Yes 2. No

If yes, who was it? (Tick the code that applies)

☐ 1= Self ☐ 2= Spouse ☐ 3= Son ☐ 4= Daughter ☐ 5= other female hh members

☐ 6=other male hh members ☐ 7= other (specify)

4. Difficulties in borrowing credit for pig production

.....

5. Production system

☐ 1. VAC (garden-pond-shelter)

☐ 2. Non- VAC

5.1.Land area for pig production in the household:

	Total area (m2)	Hired area (m2)	Renting cost/year (Mil. VND/year)	Who in the household: (multiple options apply)			
				Owns the land	Makes decision over its use	Has name appearing on the title/certificate	Controls the revenues generated through the use of the land
Total land owned by the household							
Total land for pig production							

Who in the household:

1=Self

2=Spouse

3=Daughters

4=Sons

5=other female household members

6 =other male household members 7=other (specify)

5.2 Does your household have enough land (area) to expand production scale (building more shelters)?

1. yes

2. No

If yes, how much is it?.....(m2)

B.2 Infrastructure for pig production

1. Are your pig shelters located in the local planned zone?

☐ 1. Yes ☐ 2. No ☐ 3. Don't know

2. Distance from pig shelters to residential area(Km)

3. Who is responsible for designing and constructing the pig shelters? (Code)

1=Self

2=Spouse

3=Daughters

4=Sons

5=other female household members

6 =other male household members 7=other (specify)

4. Characteristics of pig shelters

☐ 1. Having barrier to separate animal keeping area

☐ 2. Having private area for sick pig

☐ 3. Having antiseptic system in the entrance to animal keeping area.

☐ 4. Having bathroom, changing clothes, antiseptic for labor and guest

☐ 5. Having feed store

☐ 6. Having veterinary/antiseptic store

☐ 7. Having private door to sell pig

☐ 8. Having feed transport road separate from waste transport road

☐ 9. Other (please specify)

5. Specify pig shelter

Number of shelter Distance between shelters.....(m)

No. of barns In shelter	Area (m2)	Type of barns 1= enclosure barn 2= open barn	Direction 1= East – North 2=East north – West south 3= other (specify) 88= don't know	Floor 1= Brick 2= Cement 3= Soil 4= Other	Roof 1= Tile 2= Fibro cement 3= Other	Barn wall 1= Grilled 2= Inox 3= Brick 4= Cement 5= Other (Specify)	Ventilation system 1= Yes 2= No
Shelter 1							
Shelter 2							
Shelter 3							

6. Pig equipment owned by the household members

Items	Does your household own: (1=Yes, 2=No)	Initial cost (Mil. VND)	Repairing cost (Mil. VND)	Who in the household (use the codes below) (multiple codes apply)
Pig shelter systems				
Waste treatment system				
Generator				
Feed crusher				
Cooler system				
Feed mixing machine				
Water pump				
Pig transporter				
Fan				
Other (specify)				

1=Self

2=Spouse

3=Daughters

4=Sons

5=other female household members

6 = other male household members 7=other (specify)

C. Input source in raising fattening pig of household

C1. Breed/piglet

1. How many type of breed that you are raising?

☐ 1. Domestic ☐ 2. Exotic ☐ 3. Cross-bred

2. Who decides what type of pig breed to raise?

☐ 1. Self ☐ 2. Spouse ☐ 3. Daughters ☐ 4. Sons

☐ 5. other female hh members ☐ 6. Other male hh members

☐ 7. Other (specify)

4. Resource and quality of breed

<input type="checkbox"/> self-produce	<input type="checkbox"/> purchase outside
Did your household vaccinate all piglets as required? <input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No <input type="checkbox"/> 3. Don't know	Sources <input type="checkbox"/> 1. Other household <input type="checkbox"/> 2. trader <input type="checkbox"/> 3. Breeding farm
Did your household record of the vaccination process? <input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No	Origin of piglets 1. Within the commune 2. Other communes in the district 3. Other districts in the province 4. Don't know

Did your household record of the disease treatment process <input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No Frequency of records? 1= Rarely 2= Sometimes 3= Always	Who decides where to purchase piglets to raise? <input type="checkbox"/> 1. Self <input type="checkbox"/> 2. Spouse <input type="checkbox"/> 3. Daughters <input type="checkbox"/> 4. Sons <input type="checkbox"/> 5. other female hh members <input type="checkbox"/> 6. other male hh members <input type="checkbox"/> 7. Other (specify).....																									
	Criteria used in choice of breed/piglet <table border="1"> <thead> <tr> <th>Criteria</th> <th>1 = yes 2 = no</th> <th>Ranking (<i>Is the most important criteria</i>)</th> </tr> </thead> <tbody> <tr><td>Age</td><td></td><td></td></tr> <tr><td>Weight</td><td></td><td></td></tr> <tr><td>Color</td><td></td><td></td></tr> <tr><td>Price</td><td></td><td></td></tr> <tr><td>Overall appearance</td><td></td><td></td></tr> <tr><td>Sex</td><td></td><td></td></tr> <tr><td>Other (specify)</td><td></td><td></td></tr> </tbody> </table>			Criteria	1 = yes 2 = no	Ranking (<i>Is the most important criteria</i>)	Age			Weight			Color			Price			Overall appearance			Sex			Other (specify)	
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Sex																										
Other (specify)																										
Content of the notes <input type="checkbox"/> 1. Type of medicine <input type="checkbox"/> 2. Using time for medicine <input type="checkbox"/> 3. Injector <input type="checkbox"/> 4. Other (specify) Who did record in your household? <input type="checkbox"/> 1. Self <input type="checkbox"/> 2. Spouse <input type="checkbox"/> 3. Daughters <input type="checkbox"/> 4. Sons <input type="checkbox"/> 5. other female hh members <input type="checkbox"/> 6. other male hh members <input type="checkbox"/> 7. Other (specify)..... Evaluation of breed quality in 2014? <input type="checkbox"/> 1. Not good <input type="checkbox"/> 2. Average <input type="checkbox"/> 3. Good <input type="checkbox"/> 4. Don't know	Who does the final inspection of piglets before making the purchase? <input type="checkbox"/> 1. Self <input type="checkbox"/> 2. Spouse <input type="checkbox"/> 3. Daughters <input type="checkbox"/> 4. Sons <input type="checkbox"/> 5. other female hh members <input type="checkbox"/> 6. other male hh members <input type="checkbox"/> 7. Other (specify).....																									
	Documents received when purchasing piglets <input type="checkbox"/> 1. Quarantine certificate <input type="checkbox"/> 2. Vaccination and drug treatment records <input type="checkbox"/> 3. Other (specify)																									
	How many sources of piglet for a litter of fattening? <input type="checkbox"/> 1. 1 <input type="checkbox"/> 2. 2 <input type="checkbox"/> 3. More than 2																									
	Did you isolated new buy piglets regularly? <input type="checkbox"/> 1. Yes <input type="checkbox"/> 2. No If yes, time of isolation:(days																									
	Evaluation of breed quality in 2014 <input type="checkbox"/> 1. Good <input type="checkbox"/> 2. Average <input type="checkbox"/> 3. Not good <input type="checkbox"/> 4. Don't know																									
	Total of sick breed which purchased from outside household (2 weeks after purchased) in the last year (7/2014-6/2015).....																									

5. Number of piglet got sick in 2014 compare to 2012?

☐ 1= Increase; ☐ 2. Stable ☐ 3= Decrease

6. Number of piglet got sick in 2014 compare to 2013?

☐ 1= Increase; ☐ 2. Stable ☐ 3= Decrease

7. Did your household have difficulties in sourcing piglets? 1=yes; 2= no

If yes, please specify? (List out three most difficulties)

.....

C2. Feed and drink

1. Do you know of any feed material/ingredient that was banned?

☐ 1. Yes, I know clearly ☐ 2. Yes, but not clearly ☐ 3. Don't know

If Yes, specify

2. Who make decision on what brand of feeds to purchase in your farm?

☐ 1. Self ☐ 2. Spouse ☐ 3. Daughters ☐ 4. Sons

☐ 5. other female hh members

☐ 6. other male hh members

☐ 7. Other (specify).....

3. What type of feed does your household use for pigs regularly?

☐ 1. Industrial feed ☐ 2. Crop by-products

☐ 3. Both 1 & 2 ☐ 4. Kitchen food and leftover [5] Other (specify)

Reasons for choosing this type of feed

4. What is the main method of feed processing?

☐ 1. No mixing ☐ 2. Mix its own have compound feed

☐ 3. Mix its own without compound feed ☐ 4.

5. When you buy feed materials (**Except industrial feed**) you are:

Content	Do you check or not? 1 = yes 2 = no	Who in your household does the activities? CODE
1. Test feed materials by observing color, smell, humidity when purchase		
2. Clean tools, machine before using		
3. Periodical Test the scale and tool before using in period time		
4. Store the material in separate containers		
5. Record and profile all the mixing formulas of feed		
6. Record name of people who mixing feeds, type of feed have added medicine		
7. Keep samples of feed mixed for fattening pig		

1=Self

2=Spouse

3=Daughters

4=Sons

5=other female household members

6 =other male household members

7=other

(specify)

6. If it is own mixing, what is your source knowledge on feed mixing? []

☐ 1. Experience; ☐ 2. TV, radio, newspaper;

☐ 3. Other famers; ☐ 4= other (specify)

7. For households who use industrial feed, what is the most important attribute of feed that you look for?

	Do you usually check or not? 1= Yes, 2= no	If yes, did you give back if one of the criteria below is not satisfied ? 1= yes , 2= no
<input type="checkbox"/> 1. Feed name and quantity		
<input type="checkbox"/> 2. Name, address of producer		

[]3. Serial number, expiration date		
[]4. Instruction for use		
[]5. Contra-indication/caution in use		
[]6. Check the packaging(broken ...)		
[]7. Visual inspection of quality (color, smell, touch , ...)		
[]8. Record feed information		

8. Who in your household check feed information before purchase?

1= Self, 2=Spouse, 3= Daughters, 4=Sons

5=other female hh members 6=other male hh members 7= other (specify)

9. Does your household buy feed to reserve ? 1= Yes ; 2= No

9.1 IF yes, when does this person buy feed?

[1] Before run out of feed 1 week

[2] Before run out of feed 2 weeks

[3] Other

9.2 If yes, who buys feeds to reserve ?

1= Self, 2=Spouse, 3= Daughters, 4=Sons

5=other female hh members 6=other male hh members 7= Other (specify)

10. How does this person keep feed after purchasing?

[] 1. Store in private warehouse, keep away from floor and separate in group

[] 2. Store in private warehouse, put in floor and separate in group

[] 3. Store with other inputs

[] 4. Other (specify).....

11. If storing in warehouse, does someone in your household repair it regularly?

[] 1. Yes [] 2. No

12. Who is responsible for storing feed after purchasing?

1= Self, 2=Spouse, 3= Daughters, 4=Sons

5=other female hh members 6=other male hh members 7= Other (specify)

13. Relationship with feed supplier? (tick)

Type of supplier	Transaction mode			Who decides what type/brand of feed to buy? CODE
	Verbal contract	Written contract	no contract	
[] 1. Neighbour				
[] 2. Feed company/agent				
[] 3. Other				

1=Self 2=Spouse 3=Daughters 4=Sons

5=other female household members 6=other male household members

7=other (specify)

14. Before feeding, does someone check (test) quality and package of feed?

[] 1. Never [] 2. Sometimes [] 3. Usually

14.1 If yes, who checks quality of package?

1=Self, 2=Spouse, 3= Daughters, 4=Sons

5=other female hh members 6=other male hh members 7= other (specify)

14.2 In which case would you stop feeding?

[] 1. Bad smell

[] 2. Over date (expired)

☐ 3. Package was bitten by insect, rat...

☐ 4. other (specify).....

15. Does your household usually save samples of feed used in pig raising to test?

1. Yes 2. No

16. Has feed ever been musty (moldy)?

1. Yes 2. No

17. Are you satisfied with quality of feed that you are feeding in 2014?

1= not satisfied ; 2= neutral; 3= satisfied

why:

18. Do you have enough water for pig raising?

☐ 1. Yes ☐ 2. No

19. Water source for pig raising (eating and drinking)

☐ 1. Tap water ☐ 2. Pump-water ☐ 3. Rain-water ☐ 4. Pond, lake water, ☐ 5.
Other (specify)...

20. Water source for pig cleaning

☐ 1. Tap water ☐ 2. Pump-water ☐ 3. Rain-water ☐ 4. Pond, lake water, ☐ 5.
Other (specify)...

21. Is water used for your pigs is tested for quality?

1. Yes 2. No

If yes:

21.1 If yes, who did make decision water source checking?

1=Self, 2=Spouse, 3= Daughters, 4=Sons

5=other female hh members 6=other male hh members 7= other (specify)

21.2 If yes, how many times it was checked per year? (Times)

21.3 Do you record the results of water quality test?

☐ 1. Never ☐ 2. Sometimes ☐ 3. Usually

D. Production cost and income

Net Income from pig raising from 7/2014 to 6/2015: (million đ)

1. Number of fattening pig litter was raised for the same period: 7/2014 to 6/2015
(litters)

2. Number of fattening pig was sold for the same period (7/2014 to 6/2015).....(times)
(specify):

Time selling	Pig number (heads)	Total quantity (kg)	Buyer * code	Selling price (‘000VND/kg)	Revenue (Mi. VND)	Net income (gain/ lost) (Mil. VND)

1 st						
2 nd						
3 rd						
4 th						
5 th						

*1. Local slaughter, 2. Slaughterhouse; 3. Trader , 4. Other (specify)

3. Who decides to whom pigs would be sold?

1=Self, 2=Spouse, 3= Daughters, 4=Sons
5=other female hh members 6=other male hh members 7= other (specify)

4. How did fattening pig production in 2015 change in comparison with 2014?

4.1 Production scale 1=Increase 2=Decrease 3=Stable

Why?.....

4.2 Income 1=Increase 2=Decrease 3=Stable

Why?.....

5. How did fattening pig production in 2015 change in comparison with 2013?

5.1 Production scale 1=Increase 2=Decrease 3=Stable

Why?.....

5.2 Income 1=Increase 2=Decrease 3=Stable

Why?.....

6. During production process, how often do you record of all the cost, income?

[] 1. never [] 2. sometimes [] 3. usually

- If yes, who did record all information above?

1=Self, 2=Spouse, 3= Daughters, 4=Sons
5=other female hh members 6=other male hh members 7= other (specify)

II. Production Cost and revenue for the latest cycle

1. Number of pig: At the beginning of the cycle:(head)

At the selling time:(head)

2. Time of the last cycle: from..... to.....

3. Breeding cost

3.1 For households who self-produce piglets

Number of piglets in the latest litter:(head)

Number of piglets kept by household.....(heads)

Average weight of piglets:(kg/head) (at time of selling piglet if applicable)

Cost items	Quantity	Unit price (‘000VMD)	Total cost (‘000VND)	Who in the household is responsible for: (use codes below)
1. Initial cost for sow				
2. No. of times farrowing per per sow				
3. Feeding cost in waiting time				
4. AI cost for the latest cycle				
5. Feeding cost in pregnant period				
6. Feeding cost in lactation period				
7. Feeding cost in weaning period				
8. Other costs				

1=Self,

2=Spouse,

3= Daughters,

4=Sons

5=other female hh members

6=other male hh members

7= other (specify)

3.2 For households who buy piglets

Number of piglets purchased:(heads),

Average weight of piglets:(kg/head)

Total cost:(000 VND)

4. Feeding costs

Type of feed	quantity/(kg) per cycle	Unit price (‘000/kg)	Total cost (000VND)	Who in the household is responsible for purchasing: (use codes below)
Concentrated				
Mixed for piglet				
Mixed for growing pig				
Rice bran				
Maize				

1=Self,

2=Spouse,

3= Daughters,

4=Sons

5=other female hh members

6=other male hh members

7= other (specify)

5. Veterinary costs

Cost item	Total cost (000 VND) in 2014	Who in the household caters for the cost of: (use the codes below)
1. Preventive care (e.g., vaccination)		
2. Treatment of disease (e.g., medicine)		
3. Disinfectant		
4. Other (specify)		

1=Self, 2=Spouse, 3= Daughters, 4=Sons
5=other female hh members 6=other male hh members 7= other (specify)

6. Other costs (average/month)

Cost item	unit	Quantity	Unit price ('000VND)	Total cost ('000VND)	Who in the household caters for the cost of: (use the codes below)
Hired labor					
Electricity cost					
Water					
Feed transportation cost					
Pig transportation cost (buy, sell)					
Small tools					

1=Self, 2=Spouse, 3= Daughters, 4=Sons
5=other female hh members 6=other male hh members 7= other (specify)

7. Revenue

Specify	Number of pigs (head) per cycle	Weight (kg) per head	Selling price ('000VND/kg)	Total revenue ('000VND)
Total number of pigs				
- Sold				
- Died				
- other				

8. Time allocation for the latest pig cycle

Activity	Main responsible household member:CODE	Labor (hours/day)	Number of day
1. Buying pigs (hours/time)			
2. Preparing feed & feeding			
3. Cleaning pig barn			
4. Treating/ sick pig			
5. Vaccination			
6. Selling (contacting buyers, weighing pigs...) (hours/time)			
7. Buy feeds			
8. Others			

1=Self, 2=Spouse, 3= Daughters, 4=Sons
5=other female hh members 6=other male hh members 7= other (specify)

E. Pig selling/marketing

1. Who does make decision time selling in your household?

1=Self, 2=Spouse, 3= Daughters, 4=Sons
5=other female hh members 6=other male hh members 7= other (specify)

2. Who does make decision number of pig selling in your household?

1=Self, 2=Spouse, 3= Daughters, 4=Sons

5=other female hh members 6=other male hh members 7= other (specify)
 3. Who decides price of pigs on selling?
 1=Self, 2=Spouse, 3= Daughters, 4=Sons
 5=other female hh members 6=other male hh members 7= other (specify)

4. Time of stop using industrial feed before selling(Days)

5. In summer, what time you selling pig? (24h)?h

6. Before selling pigs, how does your household have notes of origin, treatment, feeding process, number and selling prices of pigs each time?

☐ 1. Never ☐ 2. Sometimes ☐ 3. Usually

7. If yes, who takes notes?

1=Self, 2=Spouse, 3= Daughters, 4=Sons
 5=other female hh members 6=other male hh members 7= other (specify)

8. Before selling pigs, Does your hh keep pigs in a separate temporary shelter?

1= Yes 2= No

If yes, does this shelter share the same feeding and drinking system of the farm?

1= Yes 2= No

9. Do your pigs have quarantine certificates? ☐

1= never 2 = sometimes 3 = usually

- If yes , who provide quarantine certificates?

☐ 1. Vet commune ☐ 2. Vet district ☐ 3. Other _____

- Are quarrentined pigs sold at higher prices? 1= Yes 2= No

- If yes, how much higher the selling price was compared to non-quarrentined pigs?
 ('000VND/kg)

10. At the selling time, you are:

☐ 1. self-transported pigs through the main entrance
☐ 2. self-transported pigs through a private entrance
☐ 3. Buyers themselves enter the shelters to catch pigs
☐ 4. Other (specify).....

10.1 In case of self-transport, Who in your household transported pigs out of the farm?

1=Self, 2=Spouse, 3= Daughters, 4=Sons
 5=other female hh members 6=other male hh members 7= other (specify)

10.2 In case of self-transport, which means of transport are used?

☐ 1. Specialized pig transport means

☐ 2. The same transport means for inputs (drug, feed,...)

☐ 3 Others (specify).....

10.3 Does your household clean the transport means by antiseptic after use?

[] 1. Yes [] 2. No

11. Does your household know where the destinations of your pigs after selling away? []

. 1= Yes 2= No

If yes, where are the destinations?

1= Within the commune 2= Within the district 3= Within the province 4= Other province

12. Does your household know what criteria pig buyers often consider when buying pigs?

1= Yes 2= No

If yes, please clarify the criteria

Criteria	1= Yes 2= No	Ranking from 1 to 5 (1 is the most important)
1. Appearance		
2.Price		
3.Breed		
4.Weight		
5.Sex		
6. other		

13. Is it easier to sell your pigs in comparison with other households?

1= Yes 2= No

Why:

.....

14.Compare to your neighbor, the selling price of your pig:

[] 1= cheaper; 2= equal; 3= higher

If not equal, why?

15. Compare to 2014, the pig selling price in 2015:

[] 1= cheaper; 2= equal; 3= higher

If not equal, why?

16. Compare to 2013, the pig selling price in 2015:

[] 1= cheaper; 2= equal; 3= higher

If not equal, why?

17. Did you record all the information during selling pig process?

1. Yes 2. no

If yes, (specify frequency level)

[] 1. usually 2. sometimes 3. Rarely

If yes, Who did record in your household?

1=Self, 2=Spouse, 3= Daughters, 4=Sons
5=other female hh members 6=other male hh members 7= other (specify)

If yes, What did you record?

☐ 1. Selling time ☐ 2. Selling price ☐ 3. Buyer ☐ 4. Other

18. Did your household inform the buyer about time using of feed, medicine,... before selling?

☐ 1. Yes ☐ 2. No

19. Have you ever found that your pigs were sick or had risk of unsafety after selling?

1. Yes 2. no

If yes, what do you do?

1. Inform the buyers

2. Do nothing

3. Other.....

20. What are difficulties facing in pig selling?

1. Low price

2. Low market demand (sometimes)

3. Price fluctuation

4. Other (specify).....

F. ANIMAL HEALTH SERVICES AND DISEASES PREVENTION

1. Does your farm have vaccination schedule for pigs?

☐ 1. Yes ☐ 2. No

2. If yes, what kind of vaccination do you use for pigs ?

1. Pseudorabies

2. FMD (foot and mouth disease)

3. Cholera

4. Pasteurellosis

5. PRRS (Porcine Reproductive and Respiratory Syndrome – PRRS)

6. Other (specify).....

3. How does your household often vaccinate for your pigs?

☐ 1. Never ☐ 2. Sometimes ☐ 3. Periodically as guided

4. Do you know “list of veterinary products allowed to be produced and used in Vietnam”?

☐ 1. No, I do not ☐ 2. Yes, but not clearly ☐ 3. Yes, I know clearly

5. Does your household make a plan of buying vaccine or veterinary drugs for your pigs

☐ 1. Yes ☐ 2. No

5.1 If yes, how often does this person make a plan?

1. Yearly 2. Quarterly 3. Seasonally 4. Others.....

5.2 Who makes the plan in your household?

1=Self, 2=Spouse, 3= Daughters, 4=Sons
5=other female hh members 6=other male hh members 7= other (specify)

6. What information is checked when you buy vaccine or vet drugs?

Type of information	Checking	If yes, do you return	Who	in	the
---------------------	----------	-----------------------	-----	----	-----

	(1= Yes , 2= No)	vaccine or verterinary drugs to suppliers if they are not good? (1= Yes , 2= No)	household did it? (use the codes below)
Name of product			
Package status			
Name and address of production factory, origin,...			
Expiry date			
Instruction for use			
Other(specify)			
Record all information above follow direction			

1=Self, 2=Spouse, 3= Daughters, 4=Sons
5=other female hh members 6=other male hh members 7= other (specify)

7. . How does your hh preserve vaccine or veterinary drugs in your farm?

- [] 1. Store in private chest/rack, Store in refrigerator
[] 2. Put together with other input
[] 3. Other (specify).....

8. Who is responsible for preserves them?

1=Self, 2=Spouse, 3= Daughters, 4=Sons
5=other female hh members 6=other male hh members 7= other (specify)

9.How do you records on all the pig diseases and treatments?

- [] 1. Never [] 2. Sometimes [] 3. Usually

9.1. If yes : What information did you record:

- [] 1. Name of medicine [] 2. Time treatment
[] 3. Name of person doing treatment [] 4. Other

9.2 Who in the hh records on all pig diseases and treatments?

1=Self, 2=Spouse, 3= Daughters, 4=Sons
5=other female hh members 6=other male hh members 7= other (specify)

10. In last year (7/2014 đến 6/2015), Does it have any sick pig?

- [] 1. Yes [] 2. No If yes, specify?

Type of pig	Name of disease/symptom	Number of sick pig (head)	Number of dead pig (head)	Who diagnosed CODE	Who treated CODE
Sow					
piglet					
Growing					
Fattening					

CODE: 1=Self, 2=Spouse, 3= Daughters, 4=Sons 5=other female hh members 6=other male hh members 7= Veterinarian inside commune; 8 = Trained Veterinarian
9 = Paravet; 10 = other (specify)_____

11. Compare to 2015, number of sick pig in 2014:
☐ 1. Increase ☐ 2. Decrease ☐ 3. Stable
12. Compare to 2015, number of sick pig in 2013:
☐ 1. Increase ☐ 2. Decrease ☐ 3. Stable
13. Does your household prepare protective clothing for: (tick)
☐ 1. Pig raising labor ☐ 2. Visitor/guest
- If yes:
 13.1 Did he/she wear protective clothings regular?
☐ 1. Yes ☐ 2. No
- 13.2 Does your farm have visitor regularly?
☐ 1. Yes ☐ 2. No

If yes, they are?

- ☐ 1. Wearing protective cloth ☐ 2. Spraying antiseptic
- ☐ 3. Wearing normal cloth ☐ 4. Record

13.3 How does the protective cloth antiseptic?

- ☐ 1. never ☐ 2. Sometimes ☐ 3. Usually

14. What did you do when **you know pig of your neighbor get sick**?

Choices	Frequency level? 1= never 2= sometimes 3= usually	Who decided? CODE
<input type="checkbox"/> 1. Sell pigs immediately		
<input type="checkbox"/> 2. Increasing antiseptic		
<input type="checkbox"/> 3. Not allow visitors access pig shelters		
<input type="checkbox"/> 4. Using antibiotic medicines		
<input type="checkbox"/> 5. Do nothing		
<input type="checkbox"/> 6. Other:.....		

1=Self, 2=Spouse, 3= Daughters, 4=Sons
 5=other female hh members 6=other male hh members 7= other (specify)

15. What did you do when your pigs **get sick**?

Response	Frequency level? 1= never 2= sometimes 3= usually	Who decided? CODE
<input type="checkbox"/> 1. Isolate immediately		
<input type="checkbox"/> 2. Report to veterinarian		
<input type="checkbox"/> 3. Self-treat		
<input type="checkbox"/> 4. Sell pigs immediately		
<input type="checkbox"/> 5. Ask neighbors for advice		
<input type="checkbox"/> 6. Slaughter and consume by household		
<input type="checkbox"/> 7. Do nothing		
<input type="checkbox"/> 8. Other		

1=Self, 2=Spouse, 3= Daughters, 4=Sons

5=other female hh members

6=other male hh members

7= other (specify)

16. What did you do when your **pigs died**?

Response	Frequency level? 1= never 2= sometimes 3= usually	Who decided? CODE
<input type="checkbox"/> 1. Isolate immediately		
<input type="checkbox"/> 2. Report to veterinarian		
<input type="checkbox"/> 3. Sell with low price		
<input type="checkbox"/> 4. Slaughter and consume by household		
<input type="checkbox"/> 5. Throw away		
<input type="checkbox"/> 6. Burn		
<input type="checkbox"/> 7. Bury.		
<input type="checkbox"/> 8. Other (specify).....		

1=Self,

2=Spouse,

3= Daughters,

4=Sons

5=other female hh members

6=other male hh members

7= other (specify)

16.1 **In cases of burning or/and burying dead pigs**, How far is the place of burial from farm and residential areas?m? deepm?

16.2 . Was there barrier around the burial holes?

☐ 1. Yes

☐ 2. No

16.3 Do you spread powdered lime above the burial holes? ☐ 1. Yes ☐ 2. No

16.4 Did you wear protective clothings while burying dead pigs?

☐ 1. Yes

☐ 2. No

If yes, what did you do with the protective clothings after burying dead pigs?

1. Burn or wash and sterilize

2. Wash

3. Do nothing

4. Other

16.5 Who in your household is responsible for burning or/burying dead pigs?

1=Self,

2=Spouse,

3= Daughters,

4=Sons

5=other female hh members

6=other male hh members

7= other (specify)

16.6 How often does this activity is recorded?

☐ 1. Never

☐ 2. Sometimes

☐ 3. Usually

- If yes, Who in your household takes notes of all the dead pig treatment process?

1=Self,

2=Spouse,

3= Daughters,

4=Sons

5=other female hh members

6=other male hh members

7= other (specify)

17. Comparision with 2014, the number of dead pig in 2015

☐ 1. Increase

☐ 2. Decrease

☐ 3. Stable

18. Comparision with 2013, the number of dead pig in 2015

☐ 1. Increase

☐ 2. Decrease

☐ 3. Stable

19. How did your household records of all the disease and disease treatment process?

☐ 1. Never

☐ 2. Sometimes

☐ 3. Usually

- If yes, Who in your household takes notes of all the disease and disease treatment process?

1=Self,

2=Spouse,

3= Daughters,

4=Sons

5=other female hh members

6=other male hh members

7= other (specify)

20. Do you satisfy with the quality of animal health service?

Source of supply	Quality * (Code)	If not good, reason?
<input type="checkbox"/> 1. Veterinarian inside commune		
<input type="checkbox"/> 2. Trained Veterinarian		
<input type="checkbox"/> 3. Paravet		
<input type="checkbox"/> 4. Other		

CODE: 1= not good,

2 = average;

3 = good

G. Cleaning and disinfection

1. Who in the household cleans the pig shelter?(multiple choices)

1=Self,

2=Spouse,

3= Daughters,

4=Sons

5=other female hh members

6=other male hh members

7= other (specify)

2. How does this person clean pig shelters? (Multiple choices)

☐ 1. By schedule: (Times per week)

☐ 2. After selling pig

☐ 3. Before a new litter: (how many days)

☐ 4. At the time of litter movement

3. How often do you do spraying antiseptic/ disinfection?

☐ 1. By schedule: (Times per week)

☐ 2. After selling pig

☐ 3. Before a new litter: (how many days)

☐ 4. At the time of litter movement

4. What kind of antiseptic is used?

1. Antiseptic, name:

2. Smoking

3. Lime

4. Other (specify)

5. Who in household spray antiseptic? (Multiple choices)

1=Self,

2=Spouse,

3= Daughters,

4=Sons

5=other female hh members

6=other male hh members

7= other (specify)

6. How often does your household check waste treatment system, waste container, feeding and drinking system?

☐ 1. Never ☐ 2. Sometimes ☐ 3. Usually

If yes, who usually checks waste treatment system, waste container, feeding and drinking system?

1=Self,

2=Spouse,

3= Daughters,

4=Sons

5=other female hh members

6=other male hh members

7= other (specify)

7. How often does your household clean weed, bushes around pig shelters?

☐ 1. Never ☐ 2. Sometimes ☐ 3. Usually

☐ 4. No weed & bush around

If yes, who usually cleans the weed, bushes around pig shelter?

1=Self, 2=Spouse, 3= Daughters, 4=Sons
 5=other female hh members 6=other male hh members 7= other (specify)

8. Does your household spray antiseptic surrounding the pig shelters? 1. Yes 2. No
 If yes, how often does this person spray?

☐ 1.1 Once a week ☐ 2. Once every 2 weeks ☐ 3. Once a month ☐ 4. Other...

9. Does your household use trap/toxic to catch or control insects, rats, and other animals
☐ 1. Yes ☐ 2. No

If yes: Does your household have a map to locate the position of putting trap/toxic bait?

☐ 1. Yes ☐ 2. No

10. Does your household check the trap/toxic bait regularly for timely cleaning?

☐ 1. Yes ☐ 2. No

11. Do you keep other animal in the pig raising area?

☐ 1. Yes ☐ 2. No

H. WASTE TREATMENT AND ENVIRONMENT PROTECTION

1. Does your household have waste treatment area?
☐ 1. Yes ☐ 2. No

If yes, how far is it from the waste treatment area to the animal keeping area or resident area?
m?

2. How does your household treat waste? (Multiple choices)

☐ 1. Biogas; ☐ 2. Composting; ☐ 3. Feeding fish;
☐ 4. Bán; ☐ 5. Other

2.1 If compost, is the manure compost hole is roofed?
☐ 1. Yes ☐ 2. No

1.2 Who in family decides on how to treat pig manure?

1=Self, 2=Spouse, 3= Daughters, 4=Sons
 5=other female hh members 6=other male hh members 7= other (specify)

3. How often does your household collect and treat daily manure?

☐ 1. Daily ☐ 2. Once in 2 days ☐ 3. Twice a week ☐ 4. Once a week

4. Does your household use bio-products to decrease bad smell and environment pollution?
☐ 1. Never ☐ 2. Sometimes ☐ 3. Usually

5. How does your household treat inorganic waste (vaccine bottle, medicine packages,)?

☐ 1. Treat together with domestic waste
☐ 2. Treat together with organic waste
☐ 3. Bury ☐ 4. Throw out ☐ 5. Collect and recycle
☐ 6. Others (specify).....

6. Is the waste drainage system shared with the rainy water drainage system?

☐ 1. Yes ☐ 2. No

7. How often does your household clean waste channel by antiseptic?

☐ 1. Once a month 2. Other (specify).....

I. Farmers with VIETGAHP

1. Do you know about VietGAHP?

☐ 1. Yes ☐ 2. No

If yes:

1.1 Who else in your household knows about VIETGAHP? (multiple codes apply)

1=Self, 2=Spouse, 3= Daughters, 4=Sons
5=other female hh members 6=other male hh members 7= other (specify)

1.2 If yes (in question1 above), what is source of information?

- ☐ Extension workers
- ☐ Neighbors, friends
- ☐ TV, radio, newspapers

☐ Training classes

☐ Projects

☐ other

1.3 Are you applying VietGAHP?

☐ 1. Yes, i'm applying ☐ 2. Applied in the past but stop now ☐ 3. Not yet

If not, why?.....

.....

If you applied in the past but stop now, why did you stop? (3 main reasons)

1).....

2).....

3).....

If you are applying, please give me some more information?

a, Who in your household decide to applies VietGAHP?

1=Self, 2=Spouse, 3= Daughters, 4=Sons
5=other female hh members 6=other male hh members 7= other (specify)

b, Why does this person apply VietGAHP for pig production?

- ☐ 1. Being supported
- ☐ 2. Being aware of benefit from VietGAHP
- ☐ 3. Following the trend
- ☐ 4. Being chosen
- ☐ 4. Other (specify).....

c, When did your household start applying VietGAHP?

.....

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why?.....
.....

8.What are benefits of getting VietGAHP certificate?

- 1) Selling product.....
- 2) Input supported (vaccine, feed.).....
- 3) Lending capital.....
- 4) Training technical.....
- 5) other

K. Advantages and disadvantages in raising pig

1. In your opinion, should we apply VietGAHP in raising pigs?

☐ 1. Yes ☐ 2. No

If yes, why?

If no, why?

2. Did your household get any support in husbandry/raising animal (Non-GAHP)?

☐ 1. Yes ☐ 2. No

If yes , please specify

Specify	Supporter	Type of support
<input type="checkbox"/> Capital		
<input type="checkbox"/> Feed		
<input type="checkbox"/> Breed		
<input type="checkbox"/> Technique		
<input type="checkbox"/> Marketing		
<input type="checkbox"/> Tools		
<input type="checkbox"/> Other		

3. Did your household get any support in GAHP husbandry/raising animal ?

☐ 1. Yes ☐ 2. No

If yes , please specify

Specify	Supporter	Type of support
<input type="checkbox"/> Capital		
<input type="checkbox"/> Feed		
<input type="checkbox"/> Breed		

<input type="checkbox"/> Technique		
<input type="checkbox"/> Consumption		
<input type="checkbox"/> Tools		
<input type="checkbox"/> Other		

4. Have any family members been involved in pig production trainings?

☐ 1. Yes ☐ 2. No

If yes: specify your trainings received in 3 recent years?

No.	1. Non-GAHP training 2. GAHP training	Who attended the training? Code	Training content Code	Shared information with others 1 = yes 2 = no	Application level of training knowledge in your farm (CODE)	Reasons of applying a part and does not apply
1						
2						
3						
4						
5						

Code: Who attended the training?

1=Self, 2=Spouse, 3= Daughters, 4=Sons 5=other female hh members

6=other male hh members 7= Other (specify)

Code: Training content

1= pig raising technique, 2= record technique, 3= using chemical in husbandry,

4= bring heavy 5 = other.....

Code: Level apply: 1 = Apply all 2= Apply only a few; 3= Not applying

5. Who usually make decisions about the application of Viet GAHP criteria in your household/farm? 1=Self, 2=Spouse, 3= Daughters, 4=Sons 5=other female hh members

6=other male hh members 7= Other (specify)

6. What difficulties does your household face in pig production?

	Difficulty 1. Yes 2. No	Specify	Ranking 3 most difficulties
1. Capital			
2. Land			
3. Labor			
4. Technique			
5. Pig shelter/infrastructure			
6. Breeding source			
7. Input			

8. Market			
7. Input price			
8. Output price			
9. Disease			
10.			
11.			

L. TREND OF HOUSEHOLD FATTENING PIG PRODUCTION

1. Will you keep applying VietGAHP in the future?

[] 1. Yes [] 2. No [] 3. Don't know

Why :
.....

2. Trend of pig production in the future

1. Expand production scale 2. Decrease production scale
3. Stable (not change) 4. Don't know

why?
.....
.....

3. If you are supported to expand pig production scale, what type of support would you like?
(feed, consumption, technique training, breed improvement,)

.....
.....
.....
.....