A3 Agricultural or agricultural business ownership (in case that already harvested)
Explanation In case some crops are cultivated in more than 1 land plot or more than one cycle, the answer must include information of all plots and all cycles that have been already harvested since last interview. In case of not yet harvested, skip to A4

1. <u>In the past 12 months,</u>did the household invest in agriculture or own agricultural business? (in case the harvest already done)

(a3) ☐ yes   ☐ no (<u>skip to next chapter</u>)

a3_table1

(agriid)　(agri)		**(a3_ba)**　**(a3_bb)**　**(a3_bc)**
1.1 Sticky rice in-season	<u>In the past 12 months</u>, how many cycles did you harvest ?...............**(a3_a)** Total area used…........ sqm.......... sqm........ sqm	
(a3_do) ☐ yes ☐ no	Total quantity of products...........................**(a3_ca)** ☐ kilogram ☐ ton **(a3_cb)**	
	Total value in cash........................baht **(a3_d)**	
	Total amount paid for plowed,sowed, planted, harvested or hired workers	**(a3_e)**
	Cost of seeds (purchase)...........baht **(a3_ia)** Cost of seeds (owned)....................baht **(a3_ib)**	
	Total cost of fertilizer and manuring fertilizer.......**(a3_f)** Total cost of pesticide, insecticide or fungicide and hired worker ...	**(a3_g)**
	Total of other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. **(a3_h)**	
(agriid)　(agri)		**(a3_ba)**　**(a3_bb)**　**(a3_bc)**
1.2 Jasmine rice in-season	<u>In the past 12 months</u>, how many cycles did you harvest ?...............**(a3_a)** Total area used…........ sqm.......... sqm........ sqm	
(a3_do) ☐ yes ☐ no	Total quantity of products...........................**(a3_ca)** ☐ kilogram ☐ ton **(a3_cb)**	
	Total value in cash........................baht **(a3_d)**	
	Total amount paid for plowed,sowed, planted, harvested or hired workers	**(a3_e)**
	Cost of seeds (purchase)...........baht **(a3_ia)** Cost of seeds (owned)....................baht **(a3_ib)**	
	Total cost of fertilizer and manuring fertilizer.......**(a3_f)** Total cost of pesticide, insecticide or fungicide and hired worker ...	**(a3_g)**
	Total of other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. **(a3_h)**	

(agriid) (agri)		(a3_ba) (a3_bb) (a3_bc)
1.3 Chainat rice in-season	In the past 12 months, how many cycles did you harvest ?...............(a3_a) Total area used…........ sqm.......... sqm........ sqm	
(a3_do) ☐ yes	Total quantity of products...........................(a3_ca) ☐ kilogram ☐ ton (a3_cb)	
☐ no	Total value in cash.........................baht (a3_d)	
	Total amount paid for plowed,sowed, planted, harvested or hired workers	(a3_e)
	Cost of seeds (purchase)...........baht (a3_ia) Cost of seeds (owned)...................baht (a3_ib)	
	Total cost of fertilizer and manuring fertilizer.......(a3_f) Total cost of pesticide, insecticide or fungicide and hired worker ...	(a3_g)
	Total of other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. (a3_h)	

(agriid) (agri)		(a3_ba) (a3_bb) (a3_bc)
1.4 Pitsanulok rice in-season	In the past 12 months, how many cycles did you harvest ?...............(a3_a) Total area used…........ sqm.......... sqm........ sqm	
(a3_do) ☐ yes	Total quantity of products...........................(a3_ca) ☐ kilogram ☐ ton (a3_cb)	
☐ no	Total value in cash.........................baht (a3_d)	
	Total amount paid for plowed,sowed, planted, harvested or hired workers	(a3_e)
	Cost of seeds (purchase)...........baht (a3_ia) Cost of seeds (owned)...................baht (a3_ib)	
	Total cost of fertilizer and manuring fertilizer.......(a3_f) Total cost of pesticide, insecticide or fungicide and hired worker ...	(a3_g)
	Total of other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. (a3_h)	

(agriid) (agri)		(a3_ba) (a3_bb) (a3_bc)
1.5 Sticky rice off-season	In the past 12 months, how many cycles did you harvest ?...............(a3_a) Total area used…........ sqm.......... sqm........ sqm	
(a3_do) ☐ yes	Total quantity of products...........................(a3_ca) ☐ kilogram ☐ ton (a3_cb)	
☐ no	Total value in cash.........................baht (a3_d)	
	Total amount paid for plowed,sowed, planted, harvested or hired workers	(a3_e)
	Cost of seeds (purchase)...........baht (a3_ia) Cost of seeds (owned)...................baht (a3_ib)	
	Total cost of fertilizer and manuring fertilizer.......(a3_f) Total cost of pesticide, insecticide or fungicide and hired worker ...	(a3_g)
	Total of other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. (a3_h)	

(agriid) (agri)		(a3_ba) (a3_bb) (a3_bc)

1.6 Chainat rice off-season

In the past 12 months, how many cycles did you harvest ?...............(a3_a) Total area used…........ sqm.......... sqm........ sqm

(a3_do) ☐ yes
☐ no

Total quantity of products...........................(a3_ca) ☐ kilogram ☐ ton (a3_cb)

Total value in cash........................baht (a3_d)

Total amount paid for plowed,sowed, planted, harvested or hired workers (a3_e)

Cost of seeds (purchase)...........baht (a3_ia) Cost of seeds (owned)....................baht (a3_ib)

Total cost of fertilizer and manuring fertilizer.......(a3_f) Total cost of pesticide, insecticide or fungicide and hired worker ... (a3_g)

Total of other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. (a3_h)

(agriid) (agri)		(a3_ba) (a3_bb) (a3_bc)

1.7 Pitsanulok rice off-season

In the past 12 months, how many cycles did you harvest ?...............(a3_a) Total area used…........ sqm.......... sqm........ sqm

(a3_do) ☐ yes
☐ no

Total quantity of products...........................(a3_ca) ☐ kilogram ☐ ton (a3_cb)

Total value in cash........................baht (a3_d)

Total amount paid for plowed,sowed, planted, harvested or hired workers (a3_e)

Cost of seeds (purchase)...........baht (a3_ia) Cost of seeds (owned)....................baht (a3_ib)

Total cost of fertilizer and manuring fertilizer.......(a3_f) Total cost of pesticide, insecticide or fungicide and hired worker ... (a3_g)

Total of other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. (a3_h)

(agriid) (agri)		(a3_ba) (a3_bb) (a3_bc)

1.8 Corn farm

In the past 12 months, how many cycles did you harvest ?...............(a3_a) Total area used…........ sqm.......... sqm........ sqm

(a3_do) ☐ yes
☐ no

Total quantity of products...........................(a3_ca) ☐ kilogram ☐ ton (a3_cb)

Total value in cash........................baht (a3_d)

Total amount paid for plowed,sowed, planted, harvested or hired workers (a3_e)

Cost of seeds (purchase)...........baht (a3_ia) Cost of seeds (owned)....................baht (a3_ib)

Total cost of fertilizer and manuring fertilizer.......(a3_f) Total cost of pesticide, insecticide or fungicide and hired worker ... (a3_g)

Total of other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. (a3_h)

(agriid) (agri)		(a3_ba) (a3_bb) (a3_bc)
1.9 Sugar cane farm	In the past 12 months, how many cycles did you harvest ?...............(a3_a)	Total area used…........ sqm.......... sqm........ sqm
(a3_do) ☐ yes ☐ no	Total quantity of products...........................(a3_ca)	☐ kilogram ☐ ton (a3_cb)
	Total value in cash........................baht (a3_d)	
	Total amount paid for plowed,sowed, planted, harvested or hired workers	(a3_e)
	Cost of seeds (purchase)...........baht (a3_ia)	Cost of seeds (owned)....................baht (a3_ib)
	Total cost of fertilizer and manuring fertilizer.......(a3_f)	Total cost of pesticide, insecticide or fungicide and hired worker ... (a3_g)
	Total of other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc.	(a3_h)

(agriid) (agri)		(a3_ba) (a3_bb) (a3_bc)
1.10 Cassava farm	In the past 12 months, how many cycles did you harvest ?...............(a3_a)	Total area used…........ sqm.......... sqm........ sqm
(a3_do) ☐ yes ☐ no	Total quantity of products...........................(a3_ca)	☐ kilogram ☐ ton (a3_cb)
	Total value in cash........................baht (a3_d)	
	Total amount paid for plowed,sowed, planted, harvested or hired workers	(a3_e)
	Cost of seeds (purchase)...........baht (a3_ia)	Cost of seeds (owned)....................baht (a3_ib)
	Total cost of fertilizer and manuring fertilizer.......(a3_f)	Total cost of pesticide, insecticide or fungicide and hired worker ... (a3_g)
	Total of other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc.	(a3_h)

(agriid) (agri)		(a3_ba) (a3_bb) (a3_bc)
1.11 Vegetables farm	In the past 12 months, how many cycles did you harvest ?...............(a3_a)	Total area used…........ sqm.......... sqm........ sqm
(a3_do) ☐ yes ☐ no	Total quantity of products...........................(a3_ca)	☐ kilogram ☐ ton (a3_cb)
	Total value in cash........................baht (a3_d)	
	Total amount paid for plowed,sowed, planted, harvested or hired workers	(a3_e)
	Cost of seeds (purchase)...........baht (a3_ia)	Cost of seeds (owned)....................baht (a3_ib)
	Total cost of fertilizer and manuring fertilizer.......(a3_f)	Total cost of pesticide, insecticide or fungicide and hired worker ... (a3_g)
	Total of other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc.	(a3_h)

(agriid) (agri)		(a3_ba) (a3_bb) (a3_bc)
1.12 Other.........................	In the past 12 months, how many cycles did you harvest ?.............. (a3_a) Total area used…........ sqm.......... sqm........ sqm	
(a3_do) ☐ yes ☐ no	Total quantity of products............................ (a3_ca) ☐ kilogram ☐ ton (a3_cb)	
	Total value in cash........................baht (a3_d)	
	Total amount paid for plowed,sowed, planted, harvested or hired workers	(a3_e)
	Cost of seeds (purchase)...........baht (a3_ia) Cost of seeds (owned)....................baht (a3_ib)	
	Total cost of fertilizer and manuring fertilizer........ (a3_f) Total cost of pesticide, insecticide or fungicide and hired worker ...	(a3_g)
	Total of other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. (a3_h)	

(agriid) (agri)		(a3_ba) (a3_bb) (a3_bc)
1.13 Others.......................	In the past 12 months, how many cycles did you harvest ?.............. (a3_a) Total area used…........ sqm.......... sqm........ sqm	
(a3_do) ☐ yes ☐ no	Total quantity of products............................ (a3_ca) ☐ kilogram ☐ ton (a3_cb)	
	Total value in cash........................baht (a3_d)	
	Total amount paid for plowed,sowed, planted, harvested or hired workers	(a3_e)
	Cost of seeds (purchase)...........baht (a3_ia) Cost of seeds (owned)....................baht (a3_ib)	
	Total cost of fertilizer and manuring fertilizer........ (a3_f) Total cost of pesticide, insecticide or fungicide and hired worker ...	(a3_g)
	Total of other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. (a3_h)	

Interviewer note	(note)