A4 Agricultural or agricultural business ownership (In case that not yet harvest)

Explanation In case some crops are cultivated in more than 1 land plot or more than 1 cycle,

the answer must include information of all land plots and all cycles that have not yet been harvested since last interview.

1. Since last interview, did the household invest in agriculture or own agricultural business? (in case the harvest is not yet done))

(a4) ☐ yes   ☐ no (skip to next chapter)

a4_table1

(agriid) (agri)		(a4_aa) (a4_ab) (a4_ac)	
1.1 Sticky rice in-season	The total area used for production……….. sqm………. sqm…….. sqm		
(a4_do) ☐ yes	Total amount paid for plowed,sowed, planted, harvested or hired workers (including food and drink) …..………..Baht		(a4_b)
☐ no	Cost of seeds (purchase) …..………….Baht	(a4_fa) Cost of seeds (owned)...................Baht	(a4_fb)
	Total cost of fertilizer and manuring fertilizer…..Baht	(a4_c) Total cost of pesticide, insecticide or fungicide and hired worker….....Baht	(a4_d)
	Other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. ………...Baht		(a4_e)

(agriid) (agri)		(a4_aa) (a4_ab) (a4_ac)	
1.2 Jasmine rice in-season	The total area used for production……….. sqm………. sqm…….. sqm		
(a4_do) ☐ yes	Total amount paid for plowed,sowed, planted, harvested or hired workers (including food and drink) …..………..Baht		(a4_b)
☐ no	Cost of seeds (purchase) …..………….Baht	(a4_fa) Cost of seeds (owned)...................Baht	(a4_fb)
	Total cost of fertilizer and manuring fertilizer…..Baht	(a4_c) Total cost of pesticide, insecticide or fungicide and hired worker….....Baht	(a4_d)
	Other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. ………...Baht		(a4_e)

(agriid) (agri)		(a4_aa) (a4_ab) (a4_ac)	
1.3 Chainat rice in-season	The total area used for production……….. sqm………. sqm…….. sqm		
(a4_do) ☐ yes	Total amount paid for plowed,sowed, planted, harvested or hired workers (including food and drink) …..………..Baht		(a4_b)
☐ no	Cost of seeds (purchase) …..………….Baht	(a4_fa) Cost of seeds (owned)...................Baht	(a4_fb)
	Total cost of fertilizer and manuring fertilizer…..Baht	(a4_c) Total cost of pesticide, insecticide or fungicide and hired worker….....Baht	(a4_d)
	Other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. ………...Baht		(a4_e)

(agriid) (agri)		(a4_aa)	(a4_ab)	(a4_ac)	
1.4 Pitsanulok rice in-season	The total area used for production……..... sqm………. sqm…….. sqm				
(a4_do) ☐ yes	Total amount paid for plowed,sowed, planted, harvested or hired workers (including food and drink) …...…...........Baht				(a4_b)
	Cost of seeds (purchase) …...…...........Baht	(a4_fa)	Cost of seeds (owned)..........................Baht		(a4_fb)
	Total cost of fertilizer and manuring fertilizer…..Baht	(a4_c)	Total cost of pesticide, insecticide or fungicide and hired worker….....Baht		(a4_d)
	Other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. ....Baht				(a4_e)

(agriid) (agri)		(a4_aa)	(a4_ab)	(a4_ac)	
1.5Sticky rice off-season	The total area used for production……..... sqm………. sqm…….. sqm				
(a4_do) ☐ yes	Total amount paid for plowed,sowed, planted, harvested or hired workers (including food and drink) …...…...........Baht				(a4_b)
☐ no	Cost of seeds (purchase) …...…...........Baht	(a4_fa)	Cost of seeds (owned)..........................Baht		(a4_fb)
	Total cost of fertilizer and manuring fertilizer…..Baht	(a4_c)	Total cost of pesticide, insecticide or fungicide and hired worker….....Baht		(a4_d)
	Other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. ....Baht				(a4_e)

(agriid) (agri)		(a4_aa)	(a4_ab)	(a4_ac)	
1.6 Chainart rice off-season	The total area used for production……..... sqm………. sqm…….. sqm				
(a4_do) ☐ yes	Total amount paid for plowed,sowed, planted, harvested or hired workers (including food and drink) …...…...........Baht				(a4_b)
☐ no	Cost of seeds (purchase) …...…...........Baht	(a4_fa)	Cost of seeds (owned)..........................Baht		(a4_fb)
	Total cost of fertilizer and manuring fertilizer…..Baht	(a4_c)	Total cost of pesticide, insecticide or fungicide and hired worker….....Baht		(a4_d)
	Other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. ....Baht				(a4_e)

(agriid) (agri)		(a4_aa)	(a4_ab)	(a4_ac)	
1.7 Pitsanulok rice off-season	The total area used for production……..... sqm………. sqm…….. sqm				
(a4_do) ☐ yes	Total amount paid for plowed,sowed, planted, harvested or hired workers (including food and drink) …...…...........Baht				(a4_b)
☐ no	Cost of seeds (purchase) …...…...........Baht	(a4_fa)	Cost of seeds (owned)..........................Baht		(a4_fb)
	Total cost of fertilizer and manuring fertilizer…..Baht	(a4_c)	Total cost of pesticide, insecticide or fungicide and hired worker….....Baht		(a4_d)
	Other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. ....Baht				(a4_e)

(agriid) (agri)		(a4_aa) (a4_ab) (a4_ac)	
1.8 Corn farm	The total area used for production……...... sqm.......... sqm........ sqm		
(a4_do) ☐ yes	Total amount paid for plowed,sowed, planted, harvested or hired workers (including food and drink) …...............Baht		(a4_b)
☐ no	Cost of seeds (purchase) …...........…….Baht (a4_fa) Cost of seeds (owned).........................Baht		(a4_fb)
	Total cost of fertilizer and manuring fertilizer…..Baht (a4_c) Total cost of pesticide, insecticide or fungicide and hired worker........Baht		(a4_d)
	Other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. ....Baht		(a4_e)
(agriid) (agri)		(a4_aa) (a4_ab) (a4_ac)	
1.9 Sugarcrane farm	The total area used for production……...... sqm.......... sqm........ sqm		
(a4_do) ☐ yes	Total amount paid for plowed,sowed, planted, harvested or hired workers (including food and drink) …...............Baht		(a4_b)
☐ no	Cost of seeds (purchase) …...........…….Baht (a4_fa) Cost of seeds (owned).........................Baht		(a4_fb)
	Total cost of fertilizer and manuring fertilizer…..Baht (a4_c) Total cost of pesticide, insecticide or fungicide and hired worker........Baht		(a4_d)
	Other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. ....Baht		(a4_e)
(agriid) (agri)		(a4_aa) (a4_ab) (a4_ac)	
1.10 Cassava farm	The total area used for production……...... sqm.......... sqm........ sqm		
(a4_do) ☐ yes	Total amount paid for plowed,sowed, planted, harvested or hired workers (including food and drink) …...............Baht		(a4_b)
☐ no	Cost of seeds (purchase) …...........…….Baht (a4_fa) Cost of seeds (owned).........................Baht		(a4_fb)
	Total cost of fertilizer and manuring fertilizer…..Baht (a4_c) Total cost of pesticide, insecticide or fungicide and hired worker........Baht		(a4_d)
	Other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. ....Baht		(a4_e)
(agriid) (agri)		(a4_aa) (a4_ab) (a4_ac)	
1.11 Vegetables farm	The total area used for production……...... sqm.......... sqm........ sqm		
(a4_do) ☐ yes	Total amount paid for plowed,sowed, planted, harvested or hired workers (including food and drink) …...............Baht		(a4_b)
☐ no	Cost of seeds (purchase) …...........…….Baht (a4_fa) Cost of seeds (owned).........................Baht		(a4_fb)
	Total cost of fertilizer and manuring fertilizer…..Baht (a4_c) Total cost of pesticide, insecticide or fungicide and hired worker........Baht		(a4_d)
	Other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. ....Baht		(a4_e)

(agriid)	(agri)		(a4_aa)	(a4_ab)	(a4_ac)	
1.12 Others........................		The total area used for production……....... sqm.......... sqm........ sqm				
(a4_do)	☐ yes	Total amount paid for plowed,sowed, planted, harvested or hired workers (including food and drink) …................Baht				(a4_b)
	☐ no	Cost of seeds (purchase) ….............……Baht	(a4_fa)	Cost of seeds (owned)..........................Baht	(a4_fb)	
		Total cost of fertilizer and manuring fertilizer…..Baht	(a4_c)	Total cost of pesticide, insecticide or fungicide and hired worker….….Baht		(a4_d)
		Other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. ....Baht				(a4_e)

(agriid)	(agri)		(a4_aa)	(a4_ab)	(a4_ac)	
1.13 Other........................		The total area used for production……....... sqm.......... sqm........ sqm				
(a4_do)	☐ yes	Total amount paid for plowed,sowed, planted, harvested or hired workers (including food and drink) …................Baht				(a4_b)
	☐ no	Cost of seeds (purchase) ….............……Baht	(a4_fa)	Cost of seeds (owned)..........................Baht	(a4_fb)	
		Total cost of fertilizer and manuring fertilizer…..Baht	(a4_c)	Total cost of pesticide, insecticide or fungicide and hired worker….….Baht		(a4_d)
		Other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. ....Baht				(a4_e)

Interviewer note	(note)	

A4 Agriculture or agricultural business ownership (In case of parennial plants)
Explanation If some crops are cultivated in more than 1 land plot or more than 1 round.
The answer must include information of all land plots and all rounds that have not yet been harvested since previous interview.

Open the perennial plant roster and ask details since last interview. And record the new kinds of perennial plants in the Roster.

1. Since last interview, did the household invest in agriculture or in its own agricultural business regarding perennial plants ?

a4a_table1	☐ 1- yes	☐ 3- no (skip to the next chapter)	(a4a)

(agriid)	(agri)	(a4a_aa) (a4a_ab) (a4a_ac)	
1.1 Orchard		The total area used for production……... sqm………. sqm……… sqm	(a4a_b)
a4a_do ☐ 1- yes		Since last interview, total amount paid for plowed,sowed, planted, harvested or hired workers (including food and drink) … …	
☐ 3- no		Since last interview, total cost of fertilizer and manuring fertilizer………………… a4a_c	(a4a_c)
		Since last interview, total cost of pesticide, insecticide or fungicide and hired worker…………………………….	(a4a_d)
		Since last interview,other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. … (a4_e)	
		Since last interview, have you harvested and sold the product ?	
		(a4a_f) ☐ 1- yes ☐ 3- no (Skip to the next type of plant)	
		Since last interview, total quantity of production……………………..……. (a4a_g)	
		Total value is………………baht (a4a_h)	

(agriid)	(agri)	(a4a_aa) (a4a_ab) (a4a_ac)	
1.2 Rubber tree		The total area used for production……... sqm………. sqm……… sqm	(a4a_b)
a4a_do ☐ 1- yes		Since last interview, total amount paid for plowed,sowed, planted, harvested or hired workers (including food and drink) … …	
☐ 3- no		Since last interview, total cost of fertilizer and manuring fertilizer………………… a4a_c	(a4a_c)
		Since last interview, total cost of pesticide, insecticide or fungicide and hired worker…………………………….	(a4a_d)
		Since last interview,other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. … (a4_e)	
		Since last interview, have you harvested and sold the product ?	
		(a4a_f) ☐ 1- yes ☐ 3- no (Skip to the next type of plant)	
		Since last interview, total quantity of production……………………..……. (a4a_g)	
		Total value is………………baht (a4a_h)	

(agriid)	(agri)	(a4a_aa) (a4a_ab) (a4a_ac)	
1.3 Eucalyptus tree a4a_do		The total area used for production……... sqm.......... sqm......... sqm	(a4a_b)
		Since last interview, total amount paid for plowed,sowed, planted, harvested or hired workers (including food and drink) … …	
		Since last interview, total cost of fertilizer and manuring fertilizer……………………. **a4a_c**	(a4a_c)
		Since last interview, total cost of pesticide, insecticide or fungicide and hired worker……………………………	(a4a_d)
		Since last interview,other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. …	(a4_e)
		Since last interview, have you harvested and sold the product ? **(a4a_f)** ☐ 1- yes ☐ 3- no **(Skip to the next type of plant)** Since last interview, total quantity of production……………………….. (a4a_g) Total value is………………baht **(a4a_h)**	
(agriid)	(agri)	(a4a_aa) (a4a_ab) (a4a_ac)	
1.4 Others…………………… a4a_do		The total area used for production……... sqm.......... sqm......... sqm	(a4a_b)
		Since last interview, total amount paid for plowed,sowed, planted, harvested or hired workers (including food and drink) … …	
		Since last interview, total cost of fertilizer and manuring fertilizer……………………. **a4a_c**	(a4a_c)
		Since last interview, total cost of pesticide, insecticide or fungicide and hired worker……………………………	(a4a_d)
		Since last interview,other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. …	(a4_e)
		Since last interview, have you harvested and sold the product ? **(a4a_f)** ☐ 1- yes ☐ 3- no **(Skip to the next type of plant)** Since last interview, total quantity of production……………………….. (a4a_g) Total value is………………baht **(a4a_h)**	

(agriid)	(agri)	(a4a_aa) (a4a_ab) (a4a_ac)

1.5 Others.........................

The total area used for production……... sqm.......... sqm......... sqm   (a4a_b)

(a4a_do) ☐ 1- yes

Since last interview, total amount paid for plowed,sowed, planted, harvested or hired workers (including food and drink) … …

☐ 3- no

Since last interview, total cost of fertilizer and manuring fertilizer........................... a4a_c   (a4a_c)

Since last interview, total cost of pesticide, insecticide or fungicide and hired worker...................................   (a4a_d)

Since last interview,other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. … (a4_e)

Since last interview, have you harvested and sold the product ?

(a4a_f) ☐ 1- yes   ☐ 3- no **(Skip to the next type of plant)**

<u>Since last interview</u>, total quantity of production……………….……..   (a4a_g)

Total value is………..…....baht   (a4a_h)

Interviewer note   (note)