A4 Agricultural or agricultural business ownership (In case that not yet harvest)
<u>Explanation</u> 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 in the past 12 months.

1. <u>In the past 12 months</u>, did the household invest in agriculture or in its own agricultural business?(In case of not yet harvested)

(a4) ☐ yes ☐ no (<u>skip to next chapter</u>)

a4_table1

(agriid) (agri) 1.1 Sticky rice in-season (a4_do) ☐ yes ☐ no	(a4_aa) (a4_ab) (a4_ac) The total area used for production……...... sqm.......... sqm........ sqm Total amount paid for plowed,sowed, planted, harvested or hired workers …..........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…bath (a4_d) Other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. ....baht (a4_e)
(agriid) (agri) 1.2 Jasmine rice in-season (a4_do) ☐ yes ☐ no	(a4_aa) (a4_ab) (a4_ac) The total area used for production……...... sqm.......... sqm........ sqm Total amount paid for plowed,sowed, planted, harvested or hired workers …..........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 ... (a4_d) Other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. ....baht (a4_e)
(agriid) (agri) 1.3 Chainat rice in-season (a4_do) ☐ yes ☐ no	(a4_aa) (a4_ab) (a4_ac) The total area used for production……...... sqm.......... sqm........ sqm Total amount paid for plowed,sowed, planted, harvested or hired workers …..........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 ... (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 ....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 ... (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 ....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 ... (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)	Total amount paid for plowed,sowed, planted, harvested or hired workers ....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 ... (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 ....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 ... (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 …..........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 ... (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 …..........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 ... (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 …..........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 ... (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 …..........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 ... (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 Other.........................	The total area used for production……..... sqm.......... sqm........ sqm
(a4_do) ☐ yes	Total amount paid for plowed,sowed, planted, harvested or hired workers …..........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 ... (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 Others........................	The total area used for production……..... sqm.......... sqm........ sqm
(a4_do) ☐ yes	Total amount paid for plowed,sowed, planted, harvested or hired workers …..........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 ... (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 Agricultural or agricultural business ownership (In case that not yet harvest)

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 in the past 12 months.

1. In the past 12 months, did the households invest in agriculture or own any businesses related to perennial agriculture?

| 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_do ☐ 1- yes	In the past 12 months, Total amount paid for plowed,sowed, planted, harvested or hired workers (including food and drink) …...........	(a4a_b)
☐ 3- no	In the past 12 months, total cost of fertilizer and manuring fertilizer………….……... baht (a4a_c)	
	In the past 12 months, total cost of pesticide, insecticide or fungicide and hired worker…….baht (a4a_d)	
	In the past 12 months, other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc……....baht	(a4_e)
	In the past 12 months, did the household harvest or sell the product?	
	(a4a_f) ☐ 1- yes ☐ 3- no (Skip to the next type of plant)	
	In the past 12 months, total quantity of product…………... (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_do ☐ 1- yes	In the past 12 months, Total amount paid for plowed,sowed, planted, harvested or hired workers (including food and drink) …...........	(a4a_b)
☐ 3- no	In the past 12 months, total cost of fertilizer and manuring fertilizer………….……... baht (a4a_c)	
	In the past 12 months, total cost of pesticide, insecticide or fungicide and hired worker…….baht (a4a_d)	
	In the past 12 months, other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc……....baht	(a4_e)
	In the past 12 months, did the household harvest or sell the product?	
	(a4a_f) ☐ 1- yes ☐ 3- no (Skip to the next type of plant)	
	In the past 12 months, total quantity of product…………... (a4a_g)	
	Total value is………….......baht (a4a_h)	

(agriid) (agri)	(a4a_aa) (a4a_ab) (a4a_ac)	
1.3 Eucalyptus tree	The total area used for production……... sqm.......... sqm......... sqm	
a4a_do ☐ 1- yes	In the past 12 months, Total amount paid for plowed,sowed, planted, harvested or hired workers (including food and drink) …...........	(a4a_b)
☐ 3- no	In the past 12 months, total cost of fertilizer and manuring fertilizer………….……….. baht (a4a_c)	
	In the past 12 months, total cost of pesticide, insecticide or fungicide and hired worker….….baht (a4a_d)	
	In the past 12 months, other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc……….baht	(a4_e)
	In the past 12 months, did the household harvest or sell the product?	
	(a4a_f) ☐ 1- yes ☐ 3- no (Skip to the next type of plant)	
	In the past 12 months, total quantity of product……………(a4a_g)	
	Total value is………..…...baht (a4a_h)	
(agriid) (agri)	(a4a_aa) (a4a_ab) (a4a_ac)	
1.4 Other…………..……….	The total area used for production……... sqm.......... sqm......... sqm	
a4a_do ☐ 1- yes	In the past 12 months, Total amount paid for plowed,sowed, planted, harvested or hired workers (including food and drink) …...........	(a4a_b)
☐ 3- no	In the past 12 months, total cost of fertilizer and manuring fertilizer………….……….. baht (a4a_c)	
	In the past 12 months, total cost of pesticide, insecticide or fungicide and hired worker….….baht (a4a_d)	
	In the past 12 months, other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc……….baht	(a4_e)
	In the past 12 months, did the household harvest or sell the product?	
	(a4a_f) ☐ 1- yes ☐ 3- no (Skip to the next type of plant)	
	In the past 12 months, total quantity of product……………(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_do　☐ 1- yes	<u>In the past 12 months.</u> Total amount paid for plowed,sowed, planted, harvested or hired workers (including food and drink) …..........　　(a4a_b)
☐ 3- no	In the past 12 months, total cost of fertilizer and manuring fertilizer…………..……. baht　　(a4a_c)
	In the past 12 months, total cost of pesticide, insecticide or fungicide and hired worker.......baht　　(a4a_d)
	In the past 12 months, other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc..........baht　　(a4_e)
	<u>In the past 12 months,</u> did the household harvest or sell the product?
	(a4a_f)　☐ 1- yes　　　　☐ 3- no **(Skip to the next type of plant)**
	In the past 12 months, total quantity of product……………(a4a_g)
	Total value is………..……..baht　　(a4a_h)

Interviewer note　　　(note)