

**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 in the past 12 months.

1. **In the past 12 months**, did the household invest in agriculture or in agricultural business?(In case of not yet harvested)

(a4)  yes  no (skip to next chapter)

a4\_tAble1

(Agrid)	(Agri)	(a4_aa)	(a4_ab)	(a4_ac)
1.1 Sticky rice in-seASON		The total area used for production..... sqm..... sqm..... sqm		
(a4_do) <input type="checkbox"/> yes		Total amount paid for plowed,sowed, planted, harvested or hired workers .....		(a4_b)
<input type="checkbox"/> no		Cost of seeds (purchase) .....	(a4_fa)	Cost of seeds (owned).....baht (a4_fb) (a4_b)
		Total cost of fertilizer and manuring fertilizer.....baht (a4_c)		Total cost of pesticide, insecticide or fungicide and hired worker .....
		Other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. ....		
(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) <input type="checkbox"/> yes		Total amount paid for plowed,sowed, planted, harvested or hired workers .....		(a4_b)
<input type="checkbox"/> no		Cost of seeds (purchase) .....	(a4_fa)	Cost of seeds (owned).....baht (a4_fb) (a4_b)
		Total cost of fertilizer and manuring fertilizer.....baht (a4_c)		Total cost of pesticide, insecticide or fungicide and hired worker .....
		Other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. ....		
(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) <input type="checkbox"/> yes		Total amount paid for plowed,sowed, planted, harvested or hired workers .....		(a4_b)
<input type="checkbox"/> no		Cost of seeds (purchase) .....	(a4_fa)	Cost of seeds (owned).....baht (a4_fb) (a4_b)
		Total cost of fertilizer and manuring fertilizer.....baht (a4_c)		Total cost of pesticide, insecticide or fungicide and hired worker .....
		Other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. ....		

<p>(agriid) (agri)</p> <p>1.4 Pitsanulok rice in-season</p> <p>(a4_do) <input type="checkbox"/> yes <input type="checkbox"/> no</p>	<p>(a4_aa) (a4_ab) (a4_ac)</p> <p>The total area used for production..... sqm..... sqm..... sqm</p> <p>Total amount paid for plowed,sowed, planted, harvested or hired workers .....baht (a4_b)</p> <p>Cost of seeds (purchase) .....baht (a4_fa) Cost of seeds (owned).....baht (a4_fb) (a4_b)</p> <p>Total cost of fertilizer and manuring fertilizer.....baht (a4_c) Total cost of pesticide, insecticide or fungicide and hired worker .....baht (a4_d)</p> <p>Other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. ....baht (a4_e)</p>
<p>(agriid) (agri)</p> <p>1.5 Sticky rice off-season</p> <p>(a4_do) <input type="checkbox"/> yes <input type="checkbox"/> no</p>	<p>(a4_aa) (a4_ab) (a4_ac)</p> <p>The total area used for production..... sqm..... sqm..... sqm</p> <p>Total amount paid for plowed,sowed, planted, harvested or hired workers .....baht (a4_b)</p> <p>Cost of seeds (purchase) .....baht (a4_fa) Cost of seeds (owned).....baht (a4_fb) (a4_b)</p> <p>Total cost of fertilizer and manuring fertilizer.....baht (a4_c) Total cost of pesticide, insecticide or fungicide and hired worker .....baht (a4_d)</p> <p>Other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. ....baht (a4_e)</p>
<p>(agriid) (agri)</p> <p>1.6 Chainart rice off-season</p> <p>(a4_do) <input type="checkbox"/> no</p>	<p>(a4_aa) (a4_ab) (a4_ac)</p> <p>The total area used for production..... sqm..... sqm..... sqm</p> <p>Total amount paid for plowed,sowed, planted, harvested or hired workers .....baht (a4_b)</p> <p>Cost of seeds (purchase) .....baht (a4_fa) Cost of seeds (owned).....baht (a4_fb) (a4_b)</p> <p>Total cost of fertilizer and manuring fertilizer.....baht (a4_c) Total cost of pesticide, insecticide or fungicide and hired worker .....baht (a4_d)</p> <p>Other expenses such as water pumping, logistic of rice/fertilizer, knead/winnow of rice, weed elimination, etc. ....baht (a4_e)</p>

(agriid) (agri)	(a4_aa) (a4_ab) (a4_ac)
1.7 Pitsanulok rice off-season (a4_do) <input type="checkbox"/> yes <input type="checkbox"/> no	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) (a4_b) 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 (a4_do) <input type="checkbox"/> yes <input type="checkbox"/> no	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) (a4_b) Total cost of fertilizer and manuring fertilizer.....baht (a4_c) Total cost of pesticide, insecticide or fungicide and hired worker .....baht 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 Sugarcane farm (a4_do) <input type="checkbox"/> yes <input type="checkbox"/> no	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) (a4_b) 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 (a4_do) <input type="checkbox"/> yes <input type="checkbox"/> no	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) (a4_b) 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)
1.11 Vegetables farm (a4_do) <input type="checkbox"/> yes <input type="checkbox"/> no	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) (a4_b) 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)
1.12 Others..... (a4_do) <input type="checkbox"/> yes <input type="checkbox"/> no	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) (a4_b) 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)
1.13 Others..... (a4_do) <input type="checkbox"/> yes <input type="checkbox"/> no	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) (a4_b) 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 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	<input type="checkbox"/> 1- yes <input type="checkbox"/> 3- no (skip to the next chapter)	(a4a)
(agriid) (agri) 1.1 Orchard a4a_do <input type="checkbox"/> 1- yes <input type="checkbox"/> 3- no	(a4a_aa) (a4a_ab) (a4a_ac) The total area used for production..... sqm..... sqm..... sqm In the past 12 months, Total amount paid for plowed,sowed, planted, harvested or hired workers (including food and drink) ..... (a4a_b) 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) <input type="checkbox"/> 1- yes <input type="checkbox"/> 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) 1.2 Rubber tree a4a_do <input type="checkbox"/> 1- yes <input type="checkbox"/> 3- no	(a4a_aa) (a4a_ab) (a4a_ac) The total area used for production..... sqm..... sqm..... sqm In the past 12 months, Total amount paid for plowed,sowed, planted, harvested or hired workers (including food and drink) ..... (a4a_b) 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) <input type="checkbox"/> 1- yes <input type="checkbox"/> 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)	

<p>(agriid) (agri)</p> <p>1.3 Eucalyptus tree</p> <p>a4a_do <input type="checkbox"/> 1- yes <input type="checkbox"/> 3- no</p>	<p>(a4a_aa) (a4a_ab) (a4a_ac)</p> <p>The total area used for production..... sqm..... sqm..... sqm</p> <p><u>In the past 12 months</u>, Total amount paid for plowed,sowed, planted, harvested or hired workers (including food and drink) ..... (a4a_b)</p> <p>In the past 12 months, total cost of fertilizer and manuring fertilizer..... baht (a4a_c)</p> <p>In the past 12 months, total cost of pesticide, insecticide or fungicide and hired worker.....baht (a4a_d)</p> <p>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)</p> <p><u>In the past 12 months</u>, did the household harvest or sell the product?</p> <p>(a4a_f) <input type="checkbox"/> 1- yes <input type="checkbox"/> 3- no (Skip to the next type of plant)</p> <p>In the past 12 months, total quantity of product..... (a4a_g)</p> <p>Total value is.....baht (a4a_h)</p>
<p>(agriid) (agri)</p> <p>1.4 Other.....</p> <p>a4a_do <input type="checkbox"/> 1- yes <input type="checkbox"/> 3- no</p>	<p>(a4a_aa) (a4a_ab) (a4a_ac)</p> <p>The total area used for production..... sqm..... sqm..... sqm</p> <p><u>In the past 12 months</u>, Total amount paid for plowed,sowed, planted, harvested or hired workers (including food and drink) ..... (a4a_b)</p> <p>In the past 12 months, total cost of fertilizer and manuring fertilizer..... baht (a4a_c)</p> <p>In the past 12 months, total cost of pesticide, insecticide or fungicide and hired worker.....baht (a4a_d)</p> <p>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)</p> <p><u>In the past 12 months</u>, did the household harvest or sell the product?</p> <p>(a4a_f) <input type="checkbox"/> 1- yes <input type="checkbox"/> 3- no (Skip to the next type of plant)</p> <p>In the past 12 months, total quantity of product..... (a4a_g)</p> <p>Total value is.....baht (a4a_h)</p>

(agriid) (agri)	(a4a_aa) (a4a_ab) (a4a_ac)
1.5 Others.....	The total area used for production..... sqm..... sqm..... sqm
a4a_do <input type="checkbox"/> 1- yes <input type="checkbox"/> 3- no	<u>In the past 12 months</u> , Total amount paid for plowed,sowed, planted, harvested or hired workers (including food and drink) ..... (a4a_b)
	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) <input type="checkbox"/> 1- yes <input type="checkbox"/> 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)
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