MCA Form A

UNION OF MYANMAR
MINISTRY OF AGRICULTURE AND IRRIGATION
Settlement and Land Records Department

MYANMAR CENSUS OF AGRICULTURE 2010

Questionnaire for Crop Cultivation

A1. Geographic Identification

1. State/Division: _____
2. District: _____
3. Township:——————————————
4. Village Tract/Ward:_____
5. Village/Block: _____
6. Household Serial Number
7. Agricultural Holding Control Number
8. Name of Respondent

Copy the following from MCA Form D

Line No.:	Sex:	Age:

A2. Crop Holding/Holder Identification

2.1 Who is the main person responsible for this holding?

Name of Holder:

Copy the following from MCA Form D

Line No.:	Sex:	Age:

Hired Manager: | Organization | Address:

2.2 What is the legal status of the holder?

1 – Single holding household   5 - government
2 – Jointly with other household(s)   corporation/institution
3 – corporation   6 – other private institution
4 – cooperative   7 – other, specify

A3. Parcel Characteristics in the Crop Holding

3.1 Total number of parcels
   (Include all parcels used in agricultural activities.)

3.2 Total area of the crop holding
   (Enter in acres; round off to 2 decimal places.)

3.3 Details of each parcel. *List all parcels of the holding and its characteristics during the past 12 months. Include all lands used for crop production activities. Include also the fallow lands as well as those used for other purposes as long as these are parts of the crop holding.*

Parcel Line No.	Kwin No. *(Enter no., if unknown, "AAAA")*	Geographic Location of the Parcel						Total area of the parcel *(Enter in acres in 2 decimal places)*
		District		Township		Village Tract		
		Name	Enter code	Name	Enter code	Name	Enter code	
(1)	(2)	(3a)	(3b)	(4a)	(4b)	(5a)	(5b)	(6)
1								
2								
3								
4								
5								
6								

Parcel Line No.	Land Type *(Enter code)*	Land Use *(Enter code)*	Land Tenure *(Enter code)*	Did you practice shifting cultivation in this parcel? 1-Yes 2-No *(Enter code)*	Was the parcel irrigated during the reference period? 1-Yes ➔ *go to 11b* 2-No ➔ *go to Q3.4* *(Enter code)*	If Yes in col. 11a, Use of Irrigation	
						Area Irrigated *(Enter in acres; up to 2 decimal places)*	Main Type of irrigation *(Enter code)*
(1)	(7)	(8)	(9)	(10)	(11a)	(11b)	(11c)
1							
2							
3							
4							
5							
6							

Codes for Land type: 4. garden
1. paddy   5. dhani
2. ya   6. rubber
3. kaing   7. other lands

Code for Land Use:
1. annual crops
2. permanent crops
3. combined annual/permanent crops
4. fallow
5. livestock/poultry
6. aquaculture
7. other land use.

Code for Land Tenure:
1. owner-like
2. trespassed/squatter
3. other land tenure

Code for Type of irrigation:
1. own well   3. private dam/canal
2. creek/river   4. Gov't irrigation facilities
5. other types

3.4 Did you use part of your homelot in growing any edible crops/permanent crops at anytime during the past twelve months?
   1 – Yes ➔ *go to Q3.5*   2 – No ➔ *go to Section A4*   3 – Not Applicable ➔ *go to Section A4*   *enter code in the box provided*

3.5 What is the total area of your homelot?
   (use 3 decimal places)

3.6 What is the land tenure of this homelot?
   Refer to Q3.3 code for land tenure

A4. Crops Planted

4.1 For each parcel, indicate all Annual Crops planted to show land use intensity.

| Parcel Line No. | Annual Crops | | Cropping Duration | | | Area planted for each cropping period | Cropping Pattern |
	Name	Enter Crop Code	CD Serial No.	Enter the month when the crop was planted	Enter the month when the crop was harvested	*(enter in acres)*	1 – pure stand 2 – double crop 3 – mixed crop 4 – inter-planted *(multiple entries; enter code)*
(1)	(2a)	(2b)	(3a)	(3b)	(3c)	(4)	(5)

Codes for the months: **01** – January 2011   **02** – February 2010   **03** – March 2010   **04** – April 2010   **05** – May 2010   **06** – June 2010   **07** – July 2010   **08** – August 2010   **09** – September 2010   **10** – October 2010   **11** – November 2010   **12** – December 2010

4.2 Details of the harvest done for the ten major crops listed below during each cropping duration/period.

Note only ten major crops (if planted by the holder) will be asked in this subsection. For the purpose of this census, all major crops reported planted in subsection 4.1 in all cropping durations should have report on crop production. If no major crop reported in subsection 4.1, skip this question. See the specific ten major cops to be reported in this subsection.

| List all Parcel Line No. with major crops in Q4.1 | Major Annual Crops | | Is this major crop

1 – completely harvested
2 – partly harvested
3 – to be harvested, *go to col. 6*
4 – will no longer be harvested, *go to Q4.3*

Enter code | *If code 1 or 2 in Column 3* | | | | *If code 2 or 3 in col. 3,* **Expected Production** to be harvested or Remaining production to be harvested *Enter in local unit* |
	Name	*Enter Crop Code*		Estimated Total Area Harvested *Enter in acres*	**Estimated Production Harvested** *Enter in local unit*	Local Unit of Measure Used	Estimated Production in Tons *Enter the Equivalent*	
(1)	(2a)	(2b)	(3)	(4)	(5a)	(5b)	(5c)	(6)

List of Major Annual Crops:

001 – paddy	013 – green gram	031 – groundnut
005 – maize (seed)	021 – pigeon pea	032 – sunflower
012 – black gram	028 – sugarcane	034 – sesame
		042 – long staple cotton

A4. Crops Planted

4.3 Specify all **Permanent Crops** in the holding; indicate whether compact or scattered. *Include forest trees that the holding planted and produced. Exclude homelot.*

Parcel Line No.	Permanent Crops		*If compact plantation,* Area *Enter in acres*	*If scattered planting,* Number of Productive Trees	Parcel Line No.	Permanent Crops		*If compact plantation,* Area *Enter in acres*	*If scattered planting,* Number of Productive Trees
	Name	Enter Code				Name	Enter Code		
(1)	(2a)	(2b)	(3)	(4)	(1)	(2a)	(2b)	(3)	(4)

For codes of permanent crop, refer to coding sheet

This question is not applicable to the non-household sector holdings. Hence, skip this question for such holdings.

4.4 What were the crops planted in the homelot during the past 12 months whether scattered or not?

Crop Name	Code	*If extensive,* Area Planted	*If permanent crops,* Number of trees/plants	Crop Name	Code	*If extensive,* Area Planted	*If permanent crops,* Number of trees/plants
(1a)	(1b)	(2)	(3)	(1a)	(1b)	(2)	(3)

A5. Agricultural Practices

5.1 Did this holding use any tool/machine/equipment on the holding during the past twelve months?
    Enter the code in the box provided.   1 – Yes ➜ *go to Q5.2*   2 – No ➜ *go to Q5.3*   ☐

5.2 Specify the number of tool/machinery/equipment used on holding during the past twelve months.

Kind of Tools/ Machineries/ Equipment *(enter code)*	Number Owned	Number Rented/ Borrowed from		Kind of Tools/ Machineries/ Equipment *(enter code)*	Number Owned	Number Rented/ Borrowed from	
		Government	Other			Government	Other
(1)	(2)	(3a)	(3b)	(1)	(2)	(3a)	(3b)

Codes for tools/machineries/equipment:

01 – plough	06 – sickle	11 – harvester	17 – bullock cart
02 – rotary harrow	07 – fork	12 – thresher	18 – trollergy
03 – other harrow	08 – rake	13 – water pump	19 – vehicle/car/ motorcycle
04 – inter-cultivator	09 – roller	14 – power tiller	20 – motorboat
05 – hoe	10 – sprayer	15 – huller	21 – other, specify
		16 – tractor	

A5. Agricultural Practices

5.3 Did this holding use any agricultural building/structure in the holding during the past 12 months?
Enter the code in the box provided.   1 – Yes ➔ *go to Q5.4*   2 – No ➔ *go to Q5.5*   ☐

5.4 Specify the type of building/structure and the number used in the holding during the past 12 months.

Type of Building/ Structure *(enter code)*	Number	Is it occupied? 1-Yes 2-No *(enter code)*	Type of Building/ Structure *(enter code)*	Number	Is it occupied? 1-Yes 2-No *(enter code)*
(1)	(2)	(3)	(1)	(2)	(3)

Codes for the type of building: 1 – office   2 – storage/silos   3 – other, specify

5.5 Did this holding use/apply the following agricultural practices in the past twelve months?
Enter code in each box provided.   1 – Yes   2 – No

1. Organic fertilizers (manure, compost, etc.)   ☐
2. Inorganic/chemical fertilizers (phosphate, etc.)   ☐
3. Pesticides/herbicides/insecticides, etc.   ☐
4. Local rice seeds   ☐
5. Rice seeds of high yielding variety (HYV)   ☐
6. Other crop seeds of HYV   ☐
7. Contour/Terrace farming   ☐
8. Weeding of crop fields   ☐
9. Building dike to preserve water/prevent flood   ☐

5.6 If Yes in Q5.5 Item 5, what high yielding variety of rice seed did you use? *(Note: this accepts multiple entries; enter code(s) in the box provided below.)*

1 – Manawthukha   4 – Yezin Lonethwe
2 – Sinae Kayi   5 – Sin Thwe Latt
3 - Theehtat Yin   6 – Other, specify

☐ ☐ ☐ ☐ ☐ ☐

5.7 Total area of parcel(s) sown with regards to Items 4 and 5 in Q5.5:

1. Local rice seed	2. HYV rice seed

A6. Hiring/Exchanging Farm Labor

6.1 Did this holding exchange labor with other household agricultural holdings?
1 – Yes   2 – No   3 – Not applicable (for non-household sector's holdings)   ☐

6.2 Did you avail any agricultural services from other household/individual/private companies?
1 – Yes   2 – No   3 – Not applicable (for non-household sector's holdings)   ☐

6.3 Did this holding hire the following outside labor in the operation of the holding at anytime during the past twelve months?
Enter   1 – Yes   2 – No   in the box provided; If household-based, end interview

1. Agricultural laborers working either full time or part time   ☐
2. Seasonal workers

6.4 For non-household sector only, ask for the number of hired laborers by sex and kind of worker.

Sex	Kind of Worker		
	Manager	Farm laborer	Other workers
(1)	(2)	(3)	(4)
Male			
Female			
Total			

Status of Enumeration	Status of Submission/Field Editing
Date Started: _____ Date Completed:_____	Date Started: _____ Date Completed:_____
Name of Enumerator:_____	Name of Supervisor:_____
Signature of Enumerator:_____	Signature of Supervisor:_____

REMARKS

MCA Form B	B1. Geographic Identification

UNION OF MYANMAR
MINISTRY OF AGRICULTURE AND IRRIGATION
Settlement and Land Records Department

MYANMAR CENSUS OF AGRICULTURE 2010

Questionnaire for Keeping/Breeding Livestock/Poultry

B1. Geographic Identification
1. State/Division:_____
2. District:_____
3. Township:_____
4. Village Tract/Ward:_____
5. Village/Block:_____
6. Household Serial Number
7. Agricultural/LP Holding Control No.
8. Name of Respondent

Copy the following from MCA Form D

Line No.:	Sex:	Age:

B2. Livestock/Poultry Holding/Holder Identification

2.1 Who is the main person responsible for this holding? *Copy from MCA Form D*

Name of Holder:	Line No.:	Sex:	Age:
Hired Manager:	Organization	Address:	

2.2 What is the legal status of the holder?

1 – Single household holding
2 – Jointly with other household(s)
3 – corporation
4 – cooperative
5 - government corporation/institution
6 – private institution
7 – other, specify

B3. Livestock/Poultry kept as of day of visit

3.1 Do this holding keep/breed livestock and/or poultry as of this day? *Enter code* ➔
1 – Yes ➔ *go to Q3.2*   2 – No ➔ *go to Section B4*

3.2 Indicate the type, age, sex and number of large livestock kept as of this day by age & sex

Kind of Large Livestock *enter code*	Breed *enter code*	Under 1 year		1-under 3 years		3 years and over	
		M	F	M	F	M	F
(1)	(2)	(3a)	(3b)	(4a)	(4b)	(5a)	(5b)

Codes for large livestock:
01 – draught catte
02 – dairy cattle
03 – other cattle
04 – draught buffalo
05 – dairy buffalo
06 – other buffalo
07 – horse
08 – mule
09 – donkey
10 – other large livestock

Codes for small livestock:
11 – sheep
12 – goat
13 – pig
14 – other small livestock

Breed of Cattle:
1 – Friesian cattle
2 – Jersey cattle
3 – Red Sandhi cattle
4 – Local breed

Breed of Buffalo:
5 – swamp buffalo
6 – murrah buffalo

3.3 Indicate the type, age, sex and number of small livestock kept as of this day by age & sex

Kind of Small Livestock *enter code*	Under 2 mos.		2–under 6 months		6 months & over	
	M	F	M	F	M	F
(1)	(2a)	(2b)	(3a)	(3b)	(4a)	(4b)

3.4 Indicate the number of poultry below. Be sure to refer to the number of weeks by type of chicken, specifically, L – for layers; B – for broilers; and, S – for semi-broiler for the different columns.

Kind of Poultry	Presence 1- Yes 2- No *(Enter code)*	Total Fowls/Birds	No. of Starter L - 0-6 wks B- 0-2 wks S- 0-4 wks	No. of Grower L - 7-18 wks B- 3-5 wks S- 5-8 wks	No. of Pullets L – 19 –over wks B- 6-9 wks S- 9-over wks
(1)	(2)	(3)	(4)	(5)	(6)
15 – native chicken					
16 – layer chicken (L)					
17 – broiler chicken (B)					
18 – semi-broiler (S)					
19 – ducks					
20 – quails					
21 – other poultry					

3.4 Where do you keep the livestock/poultry?

Type of Place	Location where Livestock/Poultry are kept; if "No" in col. 2, ask cols.3a-5b; if Yes go to col. 6							Total Area of the Place *(enter in acres)*	Land Tenure *(enter code; see Section A3 of MCA Form A)*
	Same as Residence? 1-Y 2-N	District	code	Township	code	Village Tract	code		
(1)	(2)	(3a)	(3b)	(4a)	(4b)	(5a)	(5b)	(6)	(7)
1 - Homelot									
2 - Cropland									
3 -Other lands									

B4. Disposal during the past 12 months

4.1 Did this holding dispose any livestock/poultry during the past twelve months? *Enter code*

   1 – Yes ➜ *go to Q4.2*   2 – No ➜ *go to Q4.3*   ☐

4.2 Disposal of livestock and poultry in the past twelve months

Enter L/P code from B3	Means of Disposal				Enter L/P code from B3	Means of Disposal			
	Con-sumed	Sold	Given away	Other means		Con-sumed	Sold	Given away	Other means
(1)	(2)	(3)	(4)	(5)	(1)	(2)	(3)	(4)	(5)

4.3 Disposal of livestock/poultry products

Name of Product	Disposed in past 12 months? 1-Yes 2-No *enter code*	If Yes in col. 2, Quantity/Volume Disposed				*If sold in col. 3b,* How often? 1- Daily 3-Monthly 2- Weekly 4-Seldom *enter code*	Unit of Measure
		Consumed	Sold	Given away	Other specify		
(1)	(2)	(3a)	(3b)	(3c)	(3d)	(4)	(5)
1 – Milk							Viss
2 - Chicken eggs							Pieces
3 - Duck eggs							Pieces
4 - Quail eggs							Pieces
5 - Raw wool							Viss
6 - Raw leather							Viss/Sheet
7 - Other products							

B5. Hired Labor

5.1 Did this holding hire laborers for the livestock/poultry activity during the past twelve months?

   1 – Yes ➜ *go to Q5.2*   2 – No ➜ *go to Section B6*   ☐

5.2 How many laborers did you hire during the past 12 months?   Male: Female:

B6. Machinery/Equipment Used in Livestock/Poultry Holding

Machinery/ Equipment	Did you use? 1-Yes 2-No enter code	Machinery/ Equipment	Did you use? 1-Yes 2-No enter code	Machinery/ Equipment	Did you use? 1-Yes 2-No enter code
(1)	(2)	(1)	(2)	(1)	(2)
01. Generator		05. Feed Mixer		09. Tractor	
02. Heater		06. Mill		10. Other, specify	
03. Lamp		07. Extruder			
04.Trough		08. Vehicle			

B7. Building/Structure Used in the Livestock/Poultry Holding

Building/ Structure	Did you use? 1-Yes 2-No enter code	If Yes in col. 2, Number	Building/ Structure	Did you use? 1-Yes 2-No enter code	If Yes in col. 2, Number
(1)	(2)	(3)	(1)	(2)	(3)
1 – Livestock house/shed			3 – Poultry house		
2 – Stockyard			4 – Other, specify		

B8. Agricultural Crops around the Livestock/Poultry Holding

8.1 Are there any crops planted within the Livestock/Poultry holding as of the time of visit?

Enter code in the box provided. 1 – Yes ➜ *go to Q8.2* 2 – No ➜ *end interview* 3 – Not applicable ➜ *end interview*   ☐

8.2 List down below the crops found on the holding. List first all annual crops and permanent crops.

   (Refer to coding sheet for the codes of annual and permanent crops.)

Name of annual crop	Crop code	Area planted	Name of permanent crop	Crop code	No. of productive trees
(1)	(2)	(3)	(4)	(5)	(6)

Status of Enumeration:

Date Started: _____ Date Completed:_____

Printed Name of Enumerator:_____

Signature of Enumerator:_____

Status of Submission/Field Editing:

Date Started: _____ Date Completed:_____

Printed Name of Supervisor:_____

Signature of Supervisor:_____

MCA Form C

UNION OF MYANMAR
MINISTRY OF AGRICULTURE AND IRRIGATION
Settlement and Land Records Department

MYANMAR CENSUS OF AGRICULTURE 2010

Aquaculture Holding Questionnaire

C1. Geographic Identification

1. State/Division:_____
2. District:_____
3. Township:_____
4. Village Tract/Ward:_____
5. Village/Block:_____
6. Household Serial Number
7. Aquaculture Holding Control Number
8. Name of Respondent

Ask the specified items below

Sex: | Age:

C2. Aquaculture Holding/Holder Identification

2.1 Who is the main person responsible for this holding?

Name of Holder:

Ask the specified data items below:

Sex: | Age:

Hired Manager: | Organization | Address:

2.2 What is the legal status of the holder?

1 – Single holding household
2 – Jointly with other household(s)
3 – corporation
4 – cooperative
5 - government corporation/institution
6 – private institution
7 – other, specify

C3. Details of the Aquaculture Activities

3.1 How many types of aquaculture did this holding operate in the past 12 months? *enter here* ➔

3.2 Indicate all the information regarding all aquaculture activities operated in the past 12 months.

Aqua-farm No.	Type of Aquaculture *Enter code*	Location of Aquaculture Activities						Surface Physical Area *enter in acres if fishpond/paddy field; otherwise, in sq. ft.*
		District		Township		Village Tract		
		Name	*Enter Code*	Name	*Enter Code*	Name	*Enter Code*	
(1)	(2)	(3a)	(3b)	(4a)	(4b)	(5a)	(5b)	(6)

Aqua-farm No	Type of water used 1 – fresh 2 – brackish 3 – Sea *enter code*	Production Facility		Main Species Cultured		Means of Disposal *accepts multiple responses; enter code*	Is this aquafarm producing fry? 1–Yes 2- No *enter code*	Is this aquafarm producing fingerling? 1–Yes 2- No *enter code*
		Type 1 – pond 2 – pen 3 – cage 4 – cement tanks 5 – paddy fields 6 – other *enter code*	Number of facility	Name	*Enter Code*			
(1)	(7)	(8a)	(8b)	(9a)	(9b)	(9c)	(10)	(11)

Codes for type of aquaculture:

1-hatchery/nursery 4 – fish pen
2-fishpond 5– fish cage
3-rice-cum-fish culture 6 – other, specify

Codes for main species cultured:

01-catfish 05-tilapia 09-crab
02-snakehead 06-sea bass 10-eel
03-common carp 07-rohu (myit chin) 11-seaweeds
04-Chinese carp 08-shrimp/prawn 12-other, specify

Codes for means of disposal:

1-Consumed
2-Sold
3-Given away
4-Other, specify

C4. Machinery/Equipment Used in the Aquaculture Holding

Machinery/Equipment	Used? 1-Yes 2-No *enter code*	Machinery/Equipment	Used? 1-Yes 2-No *enter code*
(1)	(2)	(1)	(2)
1 – Generator		5 – Vehicle mainly used for aquaculture	
2 – Water pump		6 – Tractor mainly used for aquaculture	
3 – Aerator		7 – Other, specify	
4 – Feed Mixer/Mill/Extruder			

C5. Building/Structure Used in the Aquaculture Holding

Building/Structure	Did you use? 1-Yes 2-No *enter code*	If Yes, Number	Building/Structure	Did you use? 1-Yes 2-No *enter code*	If Yes, Number
(1)	(2)	(3)	(1)	(2)	(3)
1 – office			4 – fish processing facility		
2 – storage building(s)			5 – other, specify		
3 – laboratory					

C6. Household Members Involved (for household-based only)

Note this section will be asked for household-operated aquaculture holding. Skip this for non-household sector aquaculture holding.

Age of Household Members	Involved in Aquaculture Holding		Not Involved in Aquaculture Holding	
	Male	Female	Male	Female
(1)	(2a)	(2b)	(3a)	(3b)
10 – 15 years old				
16 – 64 years old				
65 years old and over				

C7. Hired Labor

7.1 Did this holding hire laborers (outside labor) in this aquaculture holding during the past twelve months? □
    1 – Yes ➔ go to Q7.2   2 – No ➔ go to Section C8

7.2 Ask for the number of hired laborers by sex and type of worker.

Sex	Manager	Aquafarm laborer	Other workers
(1)	(2)	(3)	(4)
Male			
Female			
Total			

C8. Agricultural Crops Around the Aquaculture Holding

8.1 Are there some crops planted within the aquaculture holding as of the time of visit? *Enter the code* □
    1 Yes ➔ *enter code; then go Q8.2*   2 No ➔ *End of interview*

8.2 List down below the crops found on the holding. List first annual crops then   permanent crops
    (Refer to coding sheet for the codes of annual and permanent crops)

Name of Crop (annual)	Enter Crop code	Area planted	Name of Crop (permanent)	Enter Crop code	Number of productive trees
(1)	(2)	(3)	(4)	(5)	(6)

Status of Enumeration:	Status of Submission/Field Editing:
Date Started: _____ Date Completed:_____	Date Started: _____ Date Completed:_____
Printed Name of Enumerator:_____	Printed Name of Supervisor:_____
Signature of Enumerator:_____	Signature of Supervisor:_____

MCA Form D

UNION OF MYANMAR
MINISTRY OF AGRICULTURE AND IRRIGATION
Settlement and Land Records Department

MYANMAR CENSUS OF AGRICULTURE 2010

Household Questionnaire

D1. Geographic Identification

1. State/Division:_____

2. District:_____

3. Township:_____

4. Village Tract/Ward:_____

5. Village/Block:_____

6. Household Serial Number

Name of Respondent

Copy the following from Section D2

Line No.:	Sex:	Age:

D2. Household Population

List all members of the household starting with the household head, spouse, unmarried children from eldest to youngest, then married children and their family, relatives of spouses, other relatives and other unrelated persons who are members of the household.

2.1 Total Members ➔		2.2 Male Members ➔		2.3 Female Members ➔	

2.4 Details of the Characteristics of the Household Members

Line No.	Name of Household Members (as of the time of visit)	Rela-tion-ship to Head (enter code)	Sex 1 – M 2 – F (enter code)	Age as of last birth-day	*If age is 5 & over,* Educa-tion At-tained (enter code)	*If age is 10 & over,* Marital Status (enter code)	*If age is 10 years & over,* Did ___ work at anytime during past 12 months? 1 - Yes 2 – No (enter code)	*If Yes or code 1 in col. 8,* what is ___ economic activity? [multiple entries; enter code(s)]	*If there is Code 1 in col. 9,* what is ___ involvement in the holding? [multiple entries; enter code(s)]
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
01									
02									
03									
04									
05									
06									
07									
08									
09									
10									
11									
12									
13									
14									
15									

Code for Relationship to Head:
1 – Head
2 – Spouse
3 – Son/Daughter
4 – Son-in-law/Daughter-in-law
5 – Grandchildren
6 – Parent/Parent-in-law
7 – Brother/Sister
8 – Other relatives
9 – Other non-related members

Code for Education Attained:
1 – Never attended school/ No grade completed
2 – Primary school level
3 – Middle school level
4 – High school level
5 – High school graduate
6 – College undergraduate
7 – College graduate
8 – Post graduate
9 – Other education, n.e.c.

Code for Marital Status:
1 – Never married/Single
2 – Married
3 – Widowed
4 – Divorced/Separated
5 – Other, specify

Code for Economic Activity:
1-Work in own agricultural holding
2- Work in other agricultural holding
3-Engaged in fishing/ aquaculture
4-Worked in forestry-related activities
5- Work in non- agricultural/ fishing/forestry industry

Code for Involvement in the Holding:
1 – Land preparation
2 – Planting/Transplanting
3 – Care of crops
4 – Harvesting/Picking/ Threshing
5 – Marketing of produce
6 – Care of livestock/poultry
7 – Fishing on the holding
8 – Other, specify

D3. Other Economic Activities

3.1 Did you or any member of your household engage in any forestry-related activities during the past twelve months?

    1 – Yes ➔ *go to Q3.2*   2 – No ➔ *go to Q3.3*

3.2 Specify the type of forestry-related activities during the past 12 months. *(accepts multiple entries)*

   1 – Gathering firewood/Cutting bamboo   5 – Collecting medicinal plants
   2 – Cutting sandalwood or sawmill timber   6 – Hunting wildlife/animals
   3 – Gathering candlenuts, coconuts, etc.   7 – Other forestry-related activities
   4 – Gathering wild fruits/food

3.3 Did you or any member of your household engage in any fishing activity during the past 12 months?
(Excluding sport/hobby fishing. Enter the code in the box provided.)

    1 – Yes ➔ *go to Q3.4*   2 – No ➔ *go to Section D4*

3.4 Who is the main person responsible for the fishing activity? *Ask the details below.*

Name of household member mainly responsible in fishing:	Line No.: *(copy from D2 col.1)*	Sex *(copy from D2 col.4)*

3.5 What was your household's main purpose of fishing?

    1 – Mainly for home consumption   2 – Mainly for sale

3.6 Specify the type of fishing location and type of fishing gears used

Type of fishing location *enter code* (1)	Type of fishing gears used *enter code* (2)	Type of fishing location *enter code* (1)	Type of fishing gears used *enter code* (2)	Type of fishing location *enter code* (1)	Type of fishing gears used *enter code* (2)

Codes for fishing location:
1 – paddy fields   3 – canal/stream/creek   5 – mangrove
2 – rivers   4 – lake   6 – sea/close to shore
                                    7 – other, specify

Codes for fishing gears:
1 – hand gear   4 – small trap   7 – large fixed trap
2 – cast net   5 – lift net/push net 8 – other, specify
3 – fishing rod   6 – gill net   9 – no gear

3.7 Did you use boat in fishing during the past twelve months? *Enter code in the box provided.*

    1 – Yes ➔ *go to Q3.8*   2 – No ➔ *go to Section D4*

3.8 What type of fishing boat did you use during the past twelve months? *Enter code in the box provided.*

    1 – Powered   2 – Not powered

D4. Food Accessibility

4.1 Did your household consume any of the following basic food items during the past twelve months?

Basic Food Items (1)	Enter the code for each food item corresponding to the answer in the above question. 1 – Yes 2 – No (2)	If Yes in column 2, Frequency of Eating this food 1 – daily 3 – monthly 2 – weekly 4 – seldom *Enter code* (3)	Where did you get this food? 1 – own produced 2 – given by relatives, etc. 3 – bought 4 – other source *Multiple Respnses; Enter code(s)* (4)
1 – Rice & other cereals			
2 – Potato & other root crops			
3 – Edible beans/pulses			
4 – Any kind of vegetables			
5 – Any kind of fruits			
6 – Any kind of edible nuts			
7 – Any kind of meat			
8 – Any kind of fish & other seafood			

D4. Food Accessibility (continued)	

4.2 Was there anytime in the past twelve months that you had difficulty in accessing any of these food items?
   1 – Yes ➔ *go to Q4.3*   2 – No ➔ *go to Q4.6*

4.3 Why did you have difficulty in accessing some of these basic food items in sometime of the past twelve months?
   Note this question accepts multiple responses; enter all codes corresponding to the responses.
   1 – low production of such food due to shortage of capital and less land area
   2 – low production due to illness/disability of the holder
   3 – crop loss due to heavy rain or draught or calamities
   4 – seasonal food items; hence, not available always in the market
   5 – very costly and cannot afford to eat more frequently
   6 – limited food budget due to loss of main non-agriculture job
   7 – other reasons, specify_____

4.4 Did you take any steps in order to solve such food inaccessibility in sometime of the past twelve months?
   1 – Yes ➔ *go to Q4.5*   2 – No ➔ *go to Q4.6*

4.5 What steps did you take to solve food inaccessibility in sometime of the past twelve months?
   Note this question accepts multiple responses; enter all appropriate codes in the boxes provided.
   1 – sell other cash non-food crops/some livestock/properties
   2 – barter some goods such as livestock, mats, baskets, etc. for food
   3 – gather food and some products from the forest and sell these
   4 – send some household members to look for other source of income
   5 – ask assistance from relatives within the country or in abroad
   6 – borrow money or food on credit
   7 – change food routine to alternative food items
   8 – other steps, specify _____

4.6 In the coming days or months, do you think you can buy and eat all or some of these basic food items?
   1 – Yes ➔ *end interview*   2 – No ➔ *go to Q4.7*

4.7 What steps will you take to buy and eat all or some of these basic food items in the coming days/months ?
   Note this question accepts multiple responses; enter all appropriate codes in the boxes provided.
   1 – increase crop production using HYV crop seeds
   2 – start/increase effort in keeping/breeding livestock/poultry
   3 – find other jobs/business aside from farming/keeping/breeding livestock/poultry
   4 – train/guide household members in helping/operating the agricultural holding
   5 – other steps, specify

Status of Enumeration:	**Status of Submission/Field Editing:**
Date Started: _____ Date Completed:_____	Date Started: _____ Date Completed:_____
Printed Name of Enumerator:_____	Printed Name of Supervisor:_____
Signature of Enumerator:_____	Signature of Supervisor:_____

REMARKS/SPACE FOR COMPUTATION

MCA Form E Union of Myanmar ◈ MINISTRY OF AGRICULTURE AND IRRIGATION Settlement and Land Records Department **MYANMAR CENSUS OF AGRICULTURE 2010** **Village Tract Questionnaire**	**E1. Geographic Identification**	
	1.State/Division_____	
	2.District_____	
	3.Township_____	
	4.Village Tract/Ward_____	

E2. Identification of the Village Tract Leader

Name & Signature of Village Tract Leader:	Age:

Please provide the number of villages in your village tract.

Number of office staff/officials by sex	Male	Female

E3. Type of Soil Existing in the Village Tract

Which of the following soil types does your village tract have?

Types of soil	Existing? 1-Y 2- N *enter code*	Types of soil	Existing? 1-Y 2- N *enter code*
1-sandy land		4-loamy soil	
2-clayey land		5-black cotton soil	
3-sandy loam		6-other, specify	

E4. Topographical features of the Villages in the Village Tract

4.1 Indicate all types of topography in your village tract.
Multiple responses; Enter all possible codes.

1 – Mountain/Hilly	3 – Central plain dry	5 - Delta
2 – Coastal	4 – Central plain normal	

E5. Mode of transport (multiple entries)

5.1 Indicate all transportation facilities available in the villages of your village tract. Enter all appropriate code(s).

1 – bus	4 – motorcycle
2 – train	5 – boat
3 – trollergy	6 – other, specify

E6. Economic activities

6.1 Indicate all economic activities of the villages in your village tract. Enter all appropriate code(s).
1 - crop production
2 – fisheries incl. aquaculture
3 – livestock/poultry
4 – forestry
5 – non-agriculture/fisheries/forestry

E7. Existence of seasonal labor movement

7.1 Does any seasonal labor movement exist in your village tract?
1 – Yes   2 – No   *enter code* ➔ [ ]

E8. Prone to disaster within previous five years

8.1 Was your village tract prone to disaster within last five years?
1 – Yes ➔ *go to Q8.2*   2 – No ➔ *go to E9*   *enter code* ➔ [ ]

8.2 How many times was your village tract prone to disaster within last five years?
1 – once   3 – 4-5 times   *enter code* ➔ [ ]
2 – 2-3 times   4 – more than 5 times

E9. Agricultural land area

9.1 Please provide the total estimated area of agricultural land in your village tract.(in acres) [ ]

E10. Number of times of crop cultivation

10.1 Please provide the number of times of crop cultivation in your village tract.
1 – once   3 – three times   *enter code* ➔ [ ]
2 – twice   4 – more than 3 times

E11. Agro-processing equipment/machines

11.1 Which of the following agro-processing equipment/machines are available (rented or owned) in your village tract?

Agro-processing equipment/machines	*Enter* 1 –Yes 2 - No	*If yes in col. 2* Number of equipment	Agro-processing equipment/machines	*Enter* 1 –Yes 2 – No	*If yes in col. 2* Number of equipment
(1)	(2)	(3)	(1)	(2)	(3)
1 – thresher			5 – crop dryer		
2 – rice mill			6 – feed mill		
3 – sugar mill			7 – other, specify		
4 – edible oil mill					

E12. Available School

12.1 Which of the following type of school is existing in your village tract?

Type of school	Enter 1 –Yes 2 - No	If yes in col. 2 Number of school	Type of school	Enter 1 –Yes 2 - No	If yes in col. 2 Number of school
(1)	(2)	(3)	(1)	(2)	(3)
1 – primary			4 – collage/university		
2 – middle			5 – other, specify		
3 – high school					

E13. Communication Facilities

13.1 Do you have the following communication facilities in your village tract? *Enter the code*

1 – Yes   2 – No

1 – Post office

2 – Telegraph/auto exchange

3 – Internet

4 – Mobile phone/land telephone

5 – Other, specify

E14. Health Facilities

14.1 Do you have the following health facilities in your village tract? *Enter the code*

1 – Yes   2 – No

1 – Hospital

2 – Clinic

3 – Health Center

4 – Other, Specify

E15. Water Facilities

15.1 What are the sources of potable drinking water in your village tract? *Enter code(s) in box provided.*

1 – tubed/piped   4 – water pond   7 – rain

2 – well   5 – river   8 – other, specify

3 – spring   6 – creek   9 – none

E16. Access to Roads and Markets

16.1 Is there a nearest national road accessible to your village tract? 1 – Yes 2 – No *Enter the code*

16.2 How far away is the nearest national road from your village tract?   *Enter distance in miles*

16.3 Is there a public market in your village tract?   1 – Yes   2 – No   *Enter the code*

E17. Presence of Women's Organization

17.1 Are there any women's organization/ association in your village tract?

1 – Yes   2 – No

Enter the code

E18. Existence of NGO and/or INGO

18.1 Are NGO and/ or INGO existing in your village tract? *Enter the code* 1 – Yes   2 – No

NGO

INGO

E19. People Residing in your Village Tract

19.1 Total households =	19.2 Total Population =	19.3 Male =	19.4 Female =

19.5 What are the different ethnicity/national races of the population in your village tract?
Accepts multiple responses. Enter the code(s) in the boxes provided.

1 – Bamar   5 – Kachin

2 – Shan   6 – Chin

3 – Kayah   7 – Mon

4 – Kayin   8 – Rakhine

9 – Other, specify

19.6 What are the different religions of the people in your village tract?
Accepts multiple entries. Enter code(s) in the boxes provided.

1 – Buddhist   3 – Christian

2 – Hindi   4 – Muslim

5 – Other, specify

Thank you very much for your cooperation.