**Preface**

1. For questions in this survey for which the answer is not known, fill in -999, fill in -888 for refusal to answer
2. This survey has many tables related to cultivated land, this location figure is to help you to communicate with the agricultural households and is to be used in the survey
3. Please list on this figure the approximate locations of all plots listed in table B1and label with appropriate plot number (see B1)
4. The same plot number is used throughout the survey, for instance, if a plot is listed in B1 as 2, then this plot should be referred to as 2 for sections B3 and B4 as well.
5. The main purpose of this survey (B1, B3, B4) is to understand the relationship between investment and production on different plots by the same agricultural household, therefore, we need to understand the detailed circumstances of the plot.

**Plot and household location Figure 1**

North

West Household East

South

Province code\_\_\_\_\_Village code\_\_\_\_\_\_\_\_\_\_Household code\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| A1. How many plots has your household contracted from the village (no rent) (including plots you subcontracted to others)? | plots | A2. How many among these are used for agriculture? | plots |
| A3. How many “motorized” village plots (rent needed) has your household contracted from the village? | plots | A4. How many among these are used for agriculture? | plots |
| A5. How many plots has your household leased (subcontracted) from other villagers? | plots | A6. How many among these are used for agriculture? | plots |
| A7. Reasons for leasing plot (check all that apply) 1=Extra labour at home; 2=Expand cultivation area; 3=There are grain subsidies; 4=Friend/family’s request; 77=Other (specify)\_\_\_ |  | A8. How many plots has your family subcontracted out? | plots |
| A9.Reasons for leasing out plot (check all that apply) Code 1=Family needed money; 2=Not enough labour at home; 3=household labour holding non-agriculture jobs in local area; 4=household labour holding jobs outside of local area ; 5=decreasing grain prices; 6=increasing production costs; 7=Income from planting too low 8=Other (specify)\_\_\_\_\_ | | |  |

**B1: All plots (includeA1+A3+A5 plots)(separate row for each plot) (if over 8 plots, choose largest 8 plots) (please draw these plots in Figure 1 and number plot, Figure 1 numbering should be the same as numbering in first column)**

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| Plot number |  |  |  | | | |  |  |  |  |  |  |  |  |  |  | |  |  |  | |
| Area of plot  ( mu) | Is this plot a paddy field or a dry field  1. Paddy  2. Dry | When did your family get this plot?  (Year) | | | | How did you get this plot?  **(Code A**  **See below)** | How far is this plot from your home?  (m) | Quality of plot  1.high  2.middle  3.low | Irrigation type (Choose all that apply)  1. surface water (rain water, ditch water, etc.)  2.groundwater  3.other (specify)\_\_\_\_  4.no irrigation | Type of plot  **(Code B see below)** | Do you think you can use this plot in 5 years if you want to?  (1=Yes  2=No, 3=Do not know) | How much is the grain subsidy per year? (yuan/mu) | Current ownership of this plot (if the answer is “subcontracted plot”, skip 12-16, skip to next plot)  **(Code C see below)** | Have you been offered to lease this plot out?  (1=yes; 2=no)  (No🡪 skip to table B2) | | What year was the most recent offer? | What was the offered rent per mu? | For the offered price, would the grain subsidy belong to you?  1=Yes  2=No  3= No subsidy | | Did you accept the offer  ?  (1=Yes  2=No) |
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Code A: 1. Contracted from village (no rent) ;2.Other contracted “motorized” village land (rent needed);. 3. Rented plot from villagers (Subcontracted plot); 4. Other (specify) \_\_\_\_\_\_\_\_

Code B: 1.plain; 2.mountain; 3.hill; 4.riverbank; 5.terraced fields; 6. Other (specify)

Code C: 1.Contracted from village (no rent) .Other contracted “motorized” village land (rent needed);. 3. Rented plot from villagers (Subcontracted plot); 4. Other (specify) \_\_\_\_\_\_\_\_

# B2: Investments in 2012 for your family’s agricultural land cultivation (subcontracted out plots not included)

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| 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9． | 10． |
| Irrigation investment (Yuan) | Cost of organic fertilizers used on this plot (Yuan，including commercial organic fertilizers, human/animal fertilizers) | Cost of chemical fertilizers used on this plot (Yuan) | Time spent by hired workers (days) | Cost of hired workers (Yuan) | Time spent by family (days) | Cost of seeds (Yuan) | Cost of pesticides, herbicides, growth agents (Yuan) | Total cost of using farm machinery and farm animals (including cost of machine fuel) | Other costs (specify)  \_\_\_\_\_\_\_\_\_\_\_\_  （such as plastic sheeting, etc.） |
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# B3: Proportion of costs on each plot’s agricultural cultivation *(in percentages, i.e. first plot’s irrigation cost is 30 yuan, the annual irrigation cost is 100 yuan, fill in 30 for the plot’s blank in 2.)*

It is now recommended to use the drawn location map to ask each family the investment situation of each plot (subcontracted plots not included)

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|  | 1. | | | 2. | | | 3. | | | 4. | | | 5. | | | 6. | | | 7. | | | 8. | | | 9. | | | | 10. | | |
| Plot number  **(Same as first column of B1）** | Nature of agricultural disaster  (choose all that apply)  **(Code D below)** | | | Proportion of irrigation investment for plot relative to total irrigation investment | | | Proportion of organic fertilizer spending for plot relative to total cost of organic fertilizers？（include commercial fertilizers, human/animal fertilizers） | | | Proportion of chemical fertilizer used for plot relative to total chemical fertilizer used | | | Proportion of hired labour used for plot relative to total hired labour used | | | Proportion of family labour used for plot relative to total family labour used | | | Proportion of cost of seeds for plot relative to total cost of seeds | | | Proportion of cost of herbicides for plot relative to total cost of herbicides | | | | Proportion of cost of farm machinery and animals for plot relative to total cost of farm machinery and animals | | | Proportion of other costs for plot relative to total costs | | |
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Code D: 1=Flood; 2=Drought; 3=Hail; 4=Typhoon; 5=Pest; 6=Disease; 7=Other (specify)\_\_\_\_\_\_\_ Code E: 1=wheat, 2=rice, 3=corn, 4=beans, 5=potato, 6=other grain crop, 7= cotton, 8=oil, 9=sugar, 10=bast fiber, 11=tobacco, 12=silkworm, 13=vegetable, 14= other cash crop, 15=fruit, 16=other garden crop, 26=other

**B4. Crops Cultivated** *Fill in one crop per row （if more than 9 kinds of crops, fill in the top 9 crops by yield）*

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| 11. Crop number（Code E）  1 | 22．Cultivation area (mu) | 43．Yield per mu (jin) | ．4. Sale price  （(yuan/jin） | 55. Which plots grow this crop? (fill in plot number)  查*(See B1)*  *((list all that apply)* | 66. Are there plots with more or less yield per mu?  1=Yes  2.=No, all relatively the same (skip 7, move on to next crop) | 77 . Which plots have yield per mu（3.) different from average yieldper mu　(*fill in plot number，see B1/figure１) (list all that apply))*  (*Fill in separately plot number and yield difference。For example，there are 2 corn-planting plots, plot 3’s yield per mu is 1000, plot 2’s yield per mu is 800, average yield per mu is 900 jin. For a.fill in 3, for b fill in +011 ((1000-900)/900=11%); for c fill in 2, d fill in -011.* | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 姆ａPlot number  **（Figure１/Table B1first column**）  力Example: 3 | 产b. difference in yield per mu  例Example: +11%  *ffill:* +011 | | | | 姆c. Plot number  **（Figure１/Table B1first column**）  力Example: 2 | 产d. difference in yield per mu  例Example: - 011%  *Ffill:* -011 | | | | 姆ｅ.Plot number  **（Figure１/Table B1first column**）  力Example: 5 | 产ｆdifference in yield per mu  例Example: -10%  *Ffill:* -010 | | | | 姆ｇPlot number  **（Figure１/Table B1first column**）  力Example: 3  力 | 产ｈdifference in yield per mu  例Example: - 50%  Ffill: -050 | | | | 姆i Plot number  **（Figure１/Table B1first column**）  力Example: 3 | 产j difference in yield per mu  例Example: - 50%  fFill: -050 | | | | 姆k Plot number  **（Figure１/Table B1first column**） | 产l difference in yield per mu  例Example: - 50%  fFill: -050 | | | |
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Code E: 1=wheat, 2=rice, 3=corn, 4=beans, 5=potato, 6=other grain crop, 7= cotton, 8=oil, 9=sugar, 10=bast fiber, 11=tobacco, 12=silkworm, 13=vegetable, 14= other cash crop, 15=fruit, 16=other garden crop, 26=other

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| **C1: All Plots leased out currently (same numbering as A8)** *Note: Fixed rent usually indicates that rent does not change depending on the tenant’s production/income. However, fixed rent can change annually. For example, if the contract states that the annual rent is 500 yuan, but the rent increases by 50 yuan every year, still answer “Yes” for 18. Non-fxzed rent usually depends on the production on the plot* | | Leased plot 1 | Leased plot2 | Leased plot 3 | Leased plot 4 | Leased plot 5 | Leased plot 6 |
| 1Plot Number **(same as figure 1/table B1 first column )** | |  |  |  |  |  |  |
| 2.Plot size (mu) |  |  |  |  |  |  |  |
| 3.current land use by tenant | 1.Agriculture 2. Manufacturing 3.Commercial (non-manufacturing) 4. animal husbandry 5. Fisheries 6. Other\_\_\_\_\_(specify) -999=. Do not know |  |  |  |  |  |  |
| 4. .relationship with the tenant (select all that apply) | 1. Relative, 2. Friend 3. Other villager (not relative or friend) 4. business 5. Cooperative (🡪skip to 8.) 6. Village office (🡪skip to 8.) 7.Out-of-village persons 8.Other (specify)\_\_\_\_\_ |  |  |  |  |  |  |
| 5. Where does the tenant live? | 1. This village, 2. Outside the village but in the same township.3. Same county but outside of the same township 4. Same province but outside of the same county 5. Other province 6. Abroad -999=Do not know |  |  |  |  |  |  |
| 6. Was the tenant originally from this village | 1.Yes 2.No |  |  |  |  |  |  |
| 7. Relationship between tenant and government/government official? | Between 1 to 5, 1=no relation at all; 2,3=some relation; 4=close relation; 5=very close relation; -999=Do not know |  |  |  |  |  |  |
| 8 .type of contract | 1. (oral) 2.(written) 3. other\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (specify) |  |  |  |  |  |  |
| 9.Any guarantors? | 1. Yes 2. No (🡪skip to 11.) |  |  |  |  |  |  |
| 10.Who is the guarantor? | (1.relative;2. Village officials; 3. acquaintance; 4.other (specify)) |  |  |  |  |  |  |
| 11.When was the first time you leased out to this leasing party? (year) | *i.e. if you leased out to the tenant in 2005 on a five year contract, and renewed the contract in 2010, the answer would be 2005.* |  |  |  |  |  |  |
| 12.Is the duration of the current contract fixed? | 1 .Yes 2.No (🡪skip to 14.) |  |  |  |  |  |  |
| 13. Duration of current contract? (years) | *For example, if you started leasing to the other party in 2005 on a one year contract that was renewed annually, the answer to this question would be 1.* |  |  |  |  |  |  |
| 14.Security deposit? | 1.Yes; 2 No (🡪skip to 16.) |  |  |  |  |  |  |
| 15. Amount of security deposit? (yuan) |  |  |  |  |  |  |  |
| 16. Is there any rent involved? | 1.是 Yes 2.否 No (🡪skip to 22.) |  |  |  |  |  |  |
| 17. When is rent paid? | 1=Pre-pay all rent; 2=Pay all rent after harvest; 3=Pay in periodical installments |  |  |  |  |  |  |
| 18. Is the rent fixed? | 1.Yes; 2.No(🡪skip to 20); 3. Part fixed, part not |  |  |  |  |  |  |
| 19. What is the average annual income from fixed rent? | (yuan) |  |  |  |  |  |  |
| 20. What is the average annual income from unfixed rent? | (yuan) |  |  |  |  |  |  |
| 21. If the rent was unfixed, how was it determined? | 1. According to a portion of tenant’s income 2. According to tenant’s decision 3.Other, please specify\_\_\_\_ |  |  |  |  |  |  |
| 22. Does grain subsidy belong to you? | 1.Yes 2. no 3.No grain subsidy |  |  |  |  |  |  |
| 23. How much is the total grain subsidy (per year) | (yuan) |  |  |  |  |  |  |

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| 24.Other than rent, is there any other type of payment that you receive from the tenant? | 1.Nothing (🡪skip to the next leased plot) 2 .Physical goods; 3.Labour 4.Other, specify\_\_\_\_\_ |  |  |  |  |  |  |
| 25. What is the market value of the service/good the tenant provides per year, in addition to rent? | (per mu) (please ask for the market price of the good/service) only fill in monetary values |  |  |  |  |  |  |
| 26. Please describe in detail the terms of the contract | | | | | | | |

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| **C2: All Plots Currently Rented (same as A3)** *Note: Fixed rent usually indicates that rent does not change depending on the tenant’s production/income. However, fixed rent can change annually. For example, if the contract states that the annual rent is 500 yuan, but the rent increases by 50 yuan every year, still answer “Yes” for 16. Non-fxzed rent usually depends on the production on the plot* | | Rented plot 1 | Rented plot2 | Rented plot 3 | Rented plot 4 | Rented plot 5 | Rented plot 6 |
| 1. Plot Number **(same as figure 1/table B1 first column )** | |  |  |  |  |  |  |
| 2. Plot size (mu) |  |  |  |  |  |  |  |
| 3. Current land use | 1.Agriculture 2. Manufacturing 3.Commercial (non-manufacturing) 4. Animal husbandry 5. Fisheries 6. Other\_\_\_\_\_(specify) -999=Do not know |  |  |  |  |  |  |
| 4. relationship with the landlord (select all that apply) | 1. Relative, 2. Friend 3. Other villager (not relative or friend) 4. business 5. Cooperative (🡪skip to 7.) 6. Village office (🡪skip to 7.) 7.Out-of-village persons 8.Other (specify)\_\_\_\_\_ |  |  |  |  |  |  |
| 5. Where does the landlord live? | 1.This village, 2 outside the village but in the same township.3. same county but outside of the same township 4. Same province but outside of the same county 5. Other province 6. Abroad -999.Do not know |  |  |  |  |  |  |
| 6. Relationship between tenant and government/government official? | Rate between 1 to 5, 1=no relation at all; 2,3=some relation; 4=close relation; 5=very close relation; -999=Do not know |  |  |  |  |  |  |
| 7 .type of contract | 1. oral; 2. (written) 3. Other\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |  |  |  |  |  |
| 8. Any guarantors? | 1=Yes; 2=No (🡪skip to 10.) |  |  |  |  |  |  |
| 9.Who is the guarantor? | 1.relative;2. Village officials; 3. acquaintance; 4.other (specify) |  |  |  |  |  |  |
| 10.When is the first time you rented from this landlord? (year) | (Year) *i.e., if rented from the other party in 2005 on a five year contract, and renewed the contract in 2010, the answer would be 2005* |  |  |  |  |  |  |
| 11.Is the duration of the current contract fixed? | 1.Yes 2.No (🡪skip to 13.) |  |  |  |  |  |  |
| 12. What is the duration of the current contract? (years) | *i.e., if you started renting from the other party in 2005 on a one year contract that was renewed annually, the answer would be 1.* |  |  |  |  |  |  |
| 13. Is there any deposit? | 1.Yes 2 No (🡪skip to 15.) |  |  |  |  |  |  |
| 14. What is the amount of the deposit? (yuan) |  |  |  |  |  |  |  |
| 15. Is there any rent involved? | 1. Yes 2. No (🡪skip to 20.) |  |  |  |  |  |  |

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| 16.Is the rent fixed? | 1.yes 2.no (skip to 18.) 3. Part fixed, part not |  |  |  |  |  |  |
| 17. What is the average annual cost for fixed rent? | (Yuan) |  |  |  |  |  |  |
| 18. What is the average annual cost for non- fixed rent? | (Yuan) |  |  |  |  |  |  |
| 19.If the rent is unfixed, how was it determined? | 1. According to a portion of tenant’s income 2. up to landlord 3.Other, please specify\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |  |  |  |  |  |
| 20. Does grain subsidy belong to you? | 1.Yes 2. no 3. No grain subsidy) |  |  |  |  |  |  |
| 21. How much is the total farm subsidy? (Yuan per year) | (yuan) |  |  |  |  |  |  |
| 22. Other than rent, is there any other type of payment that you make for this plot? | 1. Nothing(🡪skip to next rented plot)) 2 .Physical goods; 3. Labor; |  |  |  |  |  |  |
| 23. If there is, what is the equivalent market value of the service/good you provide per year? (per mu) | (please ask for the market price of the good/service) only fill in monetary values |  |  |  |  |  |  |
| 24. Please describe in detail the terms of the contract | | | | | | | |

**C3 If the tenant is a business or large agricultural household (renting 50 mu + is considered to be large agricultural household), please fill out the form C3 below**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1. Plot Number **(same as figure 1/table B1 first column )** |  | |  |  |  |  |  |  |
| 2. Business name (skip if large agricultural household) |  | |  |  |  |  |  |  |
| 3. Estimated number of employees of business/large agricultural household in this village |  | |  |  |  |  |  |  |
| 4. How many mu of land would you estimate this firm currently rents in this village in total? |  | |  |  |  |  |  |  |
| 5. What was the first year this firmstart renting land in this village? |  | |  |  |  |  |  |  |
| 6. Did you work for this business/large agricultural household in the past 12 months? | 1=Yes; 2=No | |  |  |  |  |  |  |
| 7.On average, how many days did you work for this firm per month | (Days) Split by season | harvest |  |  |  |  |  |  |
| Non-harvest |  |  |  |  |  |  |
| 8. On average, how much do you get paid per day in wages for your work with this business/large agricultural household (including bonus) ? | (Days) Split by season | harvest |  |  |  |  |  |  |
| Non-harvest |  |  |  |  |  |  |

**Section D：Risk Preferences (Questions below are imaginary cases)**

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| 1. You can pick two lotteries, for the first lottery, you have 100% chance of winning 400 Yuan.  For the second lottery, you can take a bet with 50 / 50 chance of winning either 0 or 600 Yuan | What would you do?  Take the 400 Yuan or take the bet?  1=400 Yuan 2=bet |  |
| 1. You can pick two lotteries, for the first lottery, you have 100% chance of winning 400 Yuan.  For the second lottery, you can take a bet with 50 / 50 chance of winning either 0 or 800 Yuan | What would you do?  Take the 400 Yuan or take the bet?  1=400 Yuan 2=bet |  |
| 1. You can pick two lotteries, for the first lottery, you have 100% chance of winning 400 Yuan.  For the second lottery, you can take a bet with 50 / 50 chance of winning either 0 or 1000 Yuan | What would you do?  Take the 400 Yuan or take the bet?  1=400 Yuan 2=bet |  |
| 1. You can pick two lotteries, for the first lottery, you have 100% chance of winning 400 Yuan.  For the second lottery, you can take a bet with 50 / 50 chance of winning either 0 or 1200 Yuan | What would you do?  Take the 400 Yuan or take the bet?  1=400 Yuan 2=bet |  |
| 1. You can pick two lotteries, for the first lottery, you have 100% chance of winning 400 Yuan.  For the second lottery, you can take a bet with 50 / 50 chance of winning either 0 or 1400 Yuan。 | What would you do?  Take the 400 Yuan or take the bet?  1=400 Yuan 2=bet |  |
| 1. You can pick two lotteries, for the first lottery, you have 100% chance of winning 400 Yuan.  For the second lottery, you can take a bet with 50 / 50 chance of winning either 0 or 1600 Yuan | What would you do?  Take the 400 Yuan or take the bet?  1=400 Yuan 2=bet |  |

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| --- | --- | --- | --- | --- | --- | --- |
| 1. In the past 5 years, has the government reassigned your landholdings or performed compulsory acquisition? 1=yes 2=no*（🡪skip to 3.）* | | | | | |  |
| 2. Characteristics of Reassigned Land or land taken away during compulsory acquisition | | | | | |  |
|  | a.Total area (mu) | b. How was the plot taken away?  1=Major Reassignment  2=Minor Reassignment  3=Death in the family  4=Compulsory acquisition  5=Specify \_\_\_\_\_\_\_\_\_ | c. In use at time of reassignment?  1=Yes, agricultural use; 2=Yes, non-agricultural use;  3. Not in use; | d. Quality of plot  1.Good  2.Mediocre  3.Bad | e. Estimated annual rental income of plot (yuan) | f. Compensation for land from the government (yuan) |
| **Plot #1** |  |  |  |  |  |  |
| **Plot #2** |  |  |  |  |  |  |
| **Plot #3** |  |  |  |  |  |  |
| **Plot #4** |  |  |  |  |  |  |
| **Plot #5** |  |  |  |  |  |  |

**Section E: Societal Connections Section F: Land Distribution and Disputes**

|  |  |  |
| --- | --- | --- |
|  | 1. On a scale of 1-5, with 1 being the least connected and 5 being the most connected, how connected do you think your household is to each of the following officials? | **2. On average, how often does your household talk with these personnel?**  (1=never, 2= once every few years; 3= once a year, 4=several times a year, 5=once a month; 6=several times a month) |
| 1. illage Leader |  |  |
| 1. County Leader |  |  |
| 1. Town Leader |  |  |
| 1. Local Communist Party Head |  |  |
| 1. Other Government Official |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 3. When do you anticipate reassignment of your land holdings to occur? a= within the next year（12 months）; b= in 1-3 years; c= ; d= in 3-5 years; e= in 10 years; f= never | | | | | | | | |  | | | |
| 1. Have there been land disputes for your landholdings in the past 5 years?   1=Yes 2=No*（*🡪*Skip to Section G）* | | | | | | | | |  | | | |
| 5. | Dispute 1 | | | | Dispute 2 | | | | Dispute 3 | | | |
| a. Total Area (mu) |  | | | |  | | | |  | | | |
| b. Plot Number **(same as figure 1/table B1)***（*select all that apply） |  | | | |  | | | |  | | | |
| c. When did the dispute happen (year)? |  |  |  |  |  |  |  |  |  |  |  |  | |
| d. How long after the initial complaint was the dispute resolved? 1. Within a week; 2. Within a month; 3. Within a year;. 4. More than a year |  | | | |  | | | |  | | | |
| e. Who initiated the dispute over the land lease?  1=You, 2=The other party in the contract, 3=The government, 4=A third party, 5= Other\_\_ \_\_\_ |  | | | |  | | | |  | | | |
| f. What was the source of the dispute over the land lease?   1. Non-payment of rent 2. Intended breach of contract 3. Intended change of contract 4. Mistreatment of the land 5. Other violation of terms of the contract 6. Dispute over property rights |  | | | |  | | | |  | | | |
| g. Did you win the dispute? (1= Yes, 2 = No, 3 = still do not know) |  | | | |  | | | |  | | | |

**Section G: Law Change**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Number | Question | Code Selection | Answer | | | | | | |
| 1. | Have you heard of the 2002 <People’s Republic of China rural land contracting law>? | 1=yes; 2=no*（🡪skip to 7.* |  | | | | | | |
| 2. | Where did you hear of this law? | 1. tv/radio/newspaper 2. Village leader 3. Other farmers 4. Other, please specify \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | | | | | | |
| 3. | Has the local government formulated local regulations to implement the 2002 <People’s Republic of China rural land contracting law>? | 1=yes; 2=no*(🡪skip to 5.)* |  | | | | | | |
| 4. | When did local regulations come into effect |  |  | |  | |  | |  |
| 5. | What are the regulations from the 2002 law regarding rural land readjustment? | 1=can readjust;2=cannot readjust; 3=can readjust under special circumstances; 4=Do not know\_\_\_\_ |  | | | | | | |
| 6. | What are the regulations from the 2002 law regarding rural land small adjustments? | 1=can do small adjustments;2= cannot do small adjustments; 3= can do small adjustments under special circumstances; 4=Do not know |  | | | | | | |
| 7. | Can the village administration take back land contracted to households? | 1=can at any time;2=can under certain circumstances; 3=cannot under any circumstances; 4=Do not know |  | | | | | | |
| 8. | Do you know whether households can legally subcontract personal landholdings? | 1=Yes; do not need permission 2=Yes; but need approval from village officials 3=Yes; but need to notify village officials; 4= No*(🡪Skip to 12.)*；5=Not sure *(🡪Skip to 12.)* |  | | | | | | |
| 9. | Are there any specific requirements for contracts for subcontracting or leasing? | 1=Written contract mandatory; 2=Written contract not mandatory; 3=Written contract only mandatory for >1 year; 4=Do not know |  | | | | | | |
| 10. | What was the first year in which you had the right to rent land to other farmers (or renting from other farmers)? | (If you do not remember the year, please write-999，and answer 11; if you do remember, please skip 11.） |  | | | | | | |
| 11. | Was it before 2002, after, or in 2002? | (1=before 2002; 2 =in 2002; 3= 2002to 2005; 4=2006-2011) |  | | | | | | |
| 12. | Do you think you have the legal right to rent your lands to an agricultural firm for plantation purpose? | 1=Yes, do not need permission; 2=Yes; but need approval from village officials 3=Yes; but need to notify village officials; 4= No*(🡪Skip to 14.)*；5=Not sure *(🡪Skip to 14*) |  | | | | | | |
| 13. | What was the first year in which you had the right to rent land to other agricultural firm for planation? | *If you do not remember the year, please write -999* |  |  | |  | |  | |
| 14. | If there is a land dispute with the agricultural firm, would you be able to go to court? | (1=Yes；2=No；3=Not sure) |  | | | | | | |
| 15. | Do you think you have the legal right to rent your lands to a firm for non-agricultural use (for example, for real estate development, or industrial use)? | 1=Yes, do not need permission; 2= Yes, but need approval from village officials; 3=Yes, but need to notify village officials; 4=No*(🡪Skip to section H)*；5=Not sure *(🡪Skip to Section H)* |  | | | | | | |
| 16. | Since what year did you think you have the right to rent land to firms for non-agricultural business use? |  |  |  | |  | |  | |
| 17. | If there is a land dispute with the non-agricultural firm, would you be able to go to court | 1=Yes；2=No；3=Not sure |  | | | | | | |

**Section H. Attitudes & Market Beliefs**

|  |  |  |  |
| --- | --- | --- | --- |
| # | Question | Choice of codes |  |
| a. | Do you believe that it is possible to be successful on your own or do you think a large group that supports each other is necessary? | 1=It is possible to be successful on your own  2=A large group is necessary to be successful |  |
| b. | Do you believe that having money is important to being happy? | 1=Very important  2=Important  3=Average importance  4=Not very important  5=Not important at all |  |
| c. | In general, people who put effort into working end up much better, better, worse, or much worse than those that do not put in effort? | 1=Much better than those that do not put in effort  2=Better than those that do not put in effort  3=Worse than those that do not put in effort  4=Much worse than those that do not put in effort |  |
| d. | In general, in China, would you say that one can trust other people or that people cannot be trusted? | 1=You can trust others completely  2=You can trust most people  3=You can trust a small number of people  4=You cannot trust anyone |  |

**Section I: Agricultural Cooperatives**

|  |  |  |
| --- | --- | --- |
| 1. Are you aware of any agricultural cooperatives currently operating in your village? | 1=yes 2=no（🡪Skip section） |  |
| 2. How many agricultural cooperatives are currently operating in your village? | |  |
| 3. Does your household participate in any kind of cooperative (not limited to agricultural cooperatives)? | 1=yes 2=no（🡪skip section） |  |
| 4. Does your household participate in an agricultural cooperative? | 1=yes 2=no（🡪skip section） |  |

5. List all the agricultural cooperatives that your household currently participates in. (if you participate in more than three cooperatives, please list the three most important ones)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Coop  # | a. Coop Name | b. year you joined the coop | | | | c. Size of the Coop  **(use code A below)** | d.Main Crop or Product or the Cooperative **(use code B below, list all that apply)** | e.Any Contribution required to join coop?  (1=none (skip to g);  2=land;  3=cash;  4=labor  5. Other, please specify\_\_\_\_)  (Check all that apply) | f.Amount of Required Contribution | | | g. Do you need to pay share capital?  1=Yes  2=No (skip to i) | h.how much share capital have you paid in total?  Do you know how many shares you bought? | i. What is the annual fee? (yuan/year) | j.What is the requirement for joining the co-op?  (See code C) | k. Does your household take on the role of the leader in the coop?  1=Yes  2=No | l.Does your house receive a proportion of the cooperative’s Profits 1=Yes  2=No (Skip to 6.) | m. The proportion of your household’s profit share relative to the total profit of the cooperative  (percentage) (%) | n.how much was your profit share in the last 12 months? (yuan) |
| Land (mu) | Cash(yuan) | Labour (Days) |
| 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Code A: 1. Less than 10 households. 2. 11-25 households 3. 26-50 households 4. 51-100 households 5. Above 100 Code B: 1=wheat, 2=rice, 3=corn, 4=beans, 5=potatoes, 6=other grain crop, 7= cotton, 8=oil, 9=sugar, 10=bast fiber, 11=tobacco, 12=silkworm, 13=vegetable, 14= other cash crop, 15=fruit, 16=other garden crop, 17=pig, 18=beef, 19=sheep, 21=egg-laying animeal, 22=milk, 23=freshwater animals, 24=saltwater animals, 25=other livestock, 26=other Code C::0=no requirements; 1.minimum capital payment ( ) Yuan ;2.minimum planting areas ( ) mu or minimum livestock number; ;3.Certain skills;77=other (specify)\_\_\_\_\_\_\_

|  |  |
| --- | --- |
| 6. Does your household sell produce or products through agricultural cooperatives?  1=yes 2=no*（🡪skip to 8）* |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 7. Direct household Earnings from Agricultural Cooperative(s) in the Past twelve months | | | | | | | | |
| a.Coop  # (see 5.) | b.Crop or product Sold  (used code B above) | c. .Was there a minimum purchased price agreement?  (1= Yes  2=No) | d.Was a security deposit paid?  1.yes;  2.no | e. Was there a written contract confirming prices and quantities?  1= yes  2=no | f. How many jin of crop (or heads of livestock) did you sell to coop? | g. Were there any requirements for the quality for the crops?  1=yes;  2=no | h. Total amount of sales through this cooperative since 2011 (yuan) | i.（If not sold to cooperatives），Market value of crops/produce  *(if market value is not known, please fill in -999)*  （yuan） |
| 1. |  |  |  |  |  |  |  |  |
| 2. |  |  |  |  |  |  |  |  |
| 3. |  |  |  |  |  |  |  |  |
| 8. Did your household purchase, rent, or use inputs through agricultural cooperatives in the past twelve months?  1=yes; 2=no *(🡪skip to 10)* | | | | | | | |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 9. What inputs did your household purchase, rent, or use through agricultural cooperatives in the past twelve months? | | | | | | | | | | | | |
| a. Coop  # (see 5.) |  |  |  |  |  |  |  |  |  |  |  |  |
| b.Input #  （See Code D） |  |  |  |  |  |  |  |  |  |  |  |  |
| c.Price of purchase or rental from coop (yuan) *(if free record 0)* （write total price）（not itemized price） |  |  |  |  |  |  |  |  |  |  |  |  |
| d.market value (yuan) |  |  |  |  |  |  |  |  |  |  |  |  |
| 10．Do you have any plans to pull out of economic cooperatives? 1=yes; 2=no （*🡪*end of survey） | | | | | | | | | | | |  |
| 11．What are your reasons for pulling out of the cooperative*(choose up to three)?*  1=Pursue other professions; 2=annual fee is too high; 3=Price of coop’s services are too high; 4=Not enough services provided; 5=Did not provide all the services that were promised; 6=joining other cooperatives; 7=did not gain anything by joining a cooperative; 7=Other(**Specify**)＿＿＿＿＿＿＿＿＿＿＿ | | | | | | | | | | | | a |
| b |
| c |

1=seed, 2= fertilizer, 3=plastic sheet, 4=electricity, 5= water, 6=irrigation, 7=livestock rental, 8=machine purchase or rental, 9=fixed asset discount, 10 = agricultural tool purchase or rental, 11=land leasing, 12=labor, 13= pestici des 14. Other\_\_\_\_\_