

Appendix A: Survey on Apple Growers

Zhiyao (Yao) Ma

1. Name: _____
2. Age: _____
3. Town: _____
4. Village: _____
5. Highest education level among currently living family members:
 - a) Primary School
 - b) Junior High School
 - c) Senior High School
 - d) College or Higher
6. Number of Household Members (#): _____
7. Number of Active Labor Force in the Household (#): _____
8. Ownership of vehicles (circle if YES):
 - a) Motorcycle
 - b) Car
 - c) Tricycle
9. Are you a "Filed and registered poor household"?
 - a) YES
 - b) NO
10. Number and Type of Crop Insurance participated: # _____
 - a) Natural-Disaster Insurance
 - b) Price Insurance
 - c) Yield Insurance
 - d) Revenue Insurance
11. How much did you pay for the premium of the insurance (\$): _____
12. The total compensation paid last year (\$): _____
13. How would you rate your own risk preference: _____ (1-5 points, 1 point is very conservative and hates taking risks)
14. Acres of Farmland (mu): _____
15. Major Variety of Apples you plant and the share (%):
 - a) Red Fuji: _____%
 - b) Gala: _____%
16. Ownership of on-farm Storage:
 - a) YES, total cost is (\$): _____
 - b) NO
17. If you have a self-built cold storage, the government subsidizes _____ \$, and you spend _____ \$ yourself.
18. Do you use/rent the on-farm storage:
 - a) YES, when (Y/M) and where: _____
 - b) NO
19. If YES in storage adoption, what is the type of the storage you use:
 - a) Refrigerated Storage (0~4°C)
 - b) Controlled Atmosphere Storage
20. The cost of storage per month (\$): _____
21. Distance from farmland to your storage (meters): _____
22. If NO in storage adoption, what is the reason behind? _____
23. Total cost of labor in apple growing (\$): _____
24. Daily wages for hiring others to do farm work (\$): _____
25. Total cost of planting in apple growing (\$): _____
26. Total Harvest this cropyear (in tons): _____
27. Above-standard Ratio of the harvest (%): _____
28. Do you use E-Commerce platform to sell the harvest?

b) NO

a) YES (Total Sales:)

b) NO

31. Total Income in previous croyear (\$):

33. Total Income from Apple Growing in previous cropyear (\$):

34. Did you sell all of your crop one month after fruiting (harvesting)?

Time	October	November	December	January	February	After
Number of complete transactions (#)						
Weight of complete transactions (tons)						
Remaining Stock (tons)						
Sales of complete transactions (\$)						
Max &Min Price Offers received (\$)						
Quotation frequency of fruit merchants this month (high/medium/low)						

High: no less than 2 to 3 quotation calls per day

Medium: Receive at least 2 quotation calls per week

Low: Less than 1 quote call per week

Enumerator's Signature: _____

Date: _____