Appendix

Interview questions:

1. Orange area is: ( ) Own ( ) leased

2. Does it have irrigation? ( ) Yes ( ) no

3. If you do not have irrigation, do you intend to irrigate in the coming years? Yes ( ) No ( )

4. Time producing orange: ( ) 5 years ago ( ) 5.1 to 10 years ( ) 10.1 to 15 years ( ) 15.1 to 20 years ( ) More than 20 years

5. The cultivation of oranges has been a good deal in the last 3 seasons: ( ) Strongly agree ( ) Partly agree ( ) Indifferent (I can't say) ( ) Partially disagree ( ) Strongly disagree

6. Will you carry out new orange plantations in the near future? ( ) Certainly yes ( ) Probably yes ( ) I don't know ( ) Probably not ( ) Certainly not

7. If you plant orange, which variety would you certainly choose? ( ) ‘Pera Rio’ ( ) ‘Valencia’ ( ) ‘Folha murcha’( ) ‘Natal’ ( ) Other ( ) Early (‘American Valencia’, ‘Hamlin’, ‘Westin’, ‘Rubi’, ‘Pineaple’) ( )

8. If you plant orange, which rootstock would you certainly choose? ( ) Swingle citromelo ( ) ‘limão cravo’ ( ) ‘Tangerina Sunki’ ( ) Citrandarin ( ) ‘Tangerina Cleopatra’ ( ) Other

9. In the case of planting orange, what spacing (meters) between plants would you choose? 6 x 2 ( ) 6 x 3 ( ) 6 x 4 ( ) 7 x 2 ( ) 7 x 3 ( ) 7 x 4 ( ) 7 x 5 ( ) Other ( )

10. Would you plant orange in a different location (region) from which you already have production? () Certainly yes () Probably yes () I don't know () Probably not () Certainly not

11. Which region of the citrus belt (São Paulo and Triângulo / Sudoeste Mineiro) would certainly plant orange? ( ) Triangulo Mineiro ( ) Drinking fountain ( ) Altinópolis ( ) Votuporanga ( ) São José do Rio Preto ( ) Matão ( ) Duartina ( ) Brotas ( ) Porto Ferreira

 ( ) Limeira ( ) Avaré ( ) Itapetininga

12. In your opinion, what is the greatest risk to orange production for the next harvests?

() Phytosanitary problems: how to attack pests and diseases in orchards

() Fluctuations in orange prices due to excess or lack of fruit

() Lack of labor in the harvest and high costs

() Rising input prices (fertilizers, corrective, pesticides, diesel)

() Adverse climatic factors with impacts on production

() Other