

5-10 years

Health survey post-zafra

#### **Health Survey Post - Harvest**

Pantaleón S. A. Concepción S. A Please mark your response with CAPITAL LETTERS without marking the borders of the box. Fill the box like this: Not like this: nor like this: Write numbers according to this model: 3 4 5 7 8 Today's date Ficha number Worker initials уууу Part 1 - Demographics 1. TURMA number 2. ¿Took blood sample? ☐ Yes ☐ No 3. Lab registry number Time of sample: 4. Race/ethni Ladino (mixed ethnici ty) Indigenous Other (Specify) 5. ¿Do you know how to read or write? Yes/no 6. Work site: Pantaleon Concepción Concepción 7.Age: years 8. Did you work at Pantaleon/Concepcion last year? Yes/no 9. ¿Did you work at another mill /sugarcane harvest last year (2014-2015)? Yes/no 10. Are you employed at Pantaleon all year or only during the harvest? harvest only All year 11. How old were you when you started working in sugarcane years 12. How many sugarcane harvests have you worked in your life? 13. How long have you worked for the company? Less than 6 months 6 months to 1 year 1-3 years 3-5 years





| 14. On average, how long is your shift?  |
|--|
| Less than 8 hours per work day   |
| 8-10 hours   |
| ☐ 11-12 hours  |
| More than 12 hours   |
| 15. During the 6 months before coming to work at Pantaleon (during the off season) what type of work did you do? |
| Cotton   |
| ☐ Banana   |
| Sugarcane with another company   |
| Other agricultural products  |
| Construction   |
| Mining   |
| ☐ Factory work   |
| Transportation   |
| Other manual labor   |
| ☐ Office work  |
| Farming my own land  |
| Other (Specify)  |
| 16. At work how many hours do you spend in the sun?  |
| less than 1 hour   |
| 1-4 hours  |
| <u></u> 5-8  |
| 9-12   |
| 13 or more   |



#### Parte 2 – Health History

17. Do you suffer from any of the following health conditions?

|  |               | You |               |                  |  |  |  |
|--|---------------|-----|---------------|------------------|--|--|--|
| Condition  | Yes           | No  | Don't<br>know | Being<br>treated |  |  |  |
| Asthma (wheezing, cough, difficulty breathing)   |               |     |               |                  |  |  |  |
| Arthritis  |               |     |               |                  |  |  |  |
| Chronic back pain  |               |     |               |                  |  |  |  |
| Broken bones or fractures in the past 10 years   |               |     |               |                  |  |  |  |
| High blood pressure (hypertension)   |               |     |               |                  |  |  |  |
| Diabetes (high blood sugar)  |               |     |               |                  |  |  |  |
| Heart disease  |               |     |               |                  |  |  |  |
| Kidney disease or kidney damage  |               |     |               |                  |  |  |  |
| <ol> <li>Have you suffered from joint pain in the last 6 months</li> <li>Have you had any illness with a skin rash during the laftedications</li> <li>Of these medicines, which do you take on a daily basi</li> </ol> | ast 6 months? |     | Yes N         |                  |  |  |  |
| to reduce blood pressure to reduce cholesterol   |               |     |               |                  |  |  |  |
| for diabetes for kidneys   |               |     |               |                  |  |  |  |
| for pain   |               |     |               |                  |  |  |  |
| for allergies  for another condition   |               |     |               |                  |  |  |  |
| ☐ I do not take any medications  ifestyle  12. ¿How many hours of sleep do you get per work night ☐ Less than 5 hours  | ?             |     |               |                  |  |  |  |
| 5-6 hours  |               |     |               |                  |  |  |  |
| ☐ 7-8 hours  |               |     |               |                  |  |  |  |



|     | more than 8 hours  |
|-----|--|
|     | Do you smoke cigarettes?   |
|     | Yes currently *  |
|     | ☐ Not now, but used to *   |
|     | Never smoked (less than 100 cigarettes (-5 packs in whole life)  |
|     | When you drink alcohol ¿how many drinks do you have per day? (a standard drink is a bottle or can of beer, a small glass of alcohol like rum)  Never drink |
|     | Less than 1 drink  |
|     | 1 drink  |
|     |  |
|     | 2 drinks   |
|     | 3 drinks   |
|     | 4 drinks   |
|     | 5 or more drinks   |
| 25. | ¿Do you consume drinks that contain sugar like refrescos, Coca-Cola, Pepsi , o fruit juice   |
|     | ∐ Yes  |
|     | No 25.1 yes – how many days per week?  |
|     | 20.1 yes – now many days per week:   |
|     | 25.2 ¿How many drinks per day?   |
|     | □ 1  |
|     |  |
|     | □ 3  |
|     |  |
|     | <u></u>  |
|     | 5 or more  |
| 20  | 6. Where do you live during the harvest?  ☐ In the employee housing  |
|     | ☐ In my own local house  |
| 2   | 7. During the last work week on average, how many liters of water did you drink per  |
| _   | day? 1 or less than 1 liter  |
|     | 2-4 liters   |
|     | 5-7 liters   |
|     | 8-10 liters  |
|     | 11-13 liters   |
|     |  |



14-16 or more



28. How many bags of electrolyte solution on average do you drink per work day?

| Part 3 – Safety and Work   |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|
| 29. In general, would you say your health  |  |  |  |  |  |  |  |
| is:  |  |  |  |  |  |  |  |
| excellent  |  |  |  |  |  |  |  |
| ☐ Very good  |  |  |  |  |  |  |  |
| good   |  |  |  |  |  |  |  |
| average  |  |  |  |  |  |  |  |
| poor   |  |  |  |  |  |  |  |
| 30. ¿Did you ever leave work during this harvest because of an accident or injury during                             |  |  |  |  |  |  |  |
| work? Yes/no   |  |  |  |  |  |  |  |
| 30a. How many days were you out of work due to the injury?   |  |  |  |  |  |  |  |
| 31. How many times have you been injured at work during the past 6 months (this harvest)?                            |  |  |  |  |  |  |  |
| □ 0  |  |  |  |  |  |  |  |
| ☐ 1  |  |  |  |  |  |  |  |
| 2  |  |  |  |  |  |  |  |
| ☐ 3  |  |  |  |  |  |  |  |
| <u> </u>   |  |  |  |  |  |  |  |
| 5 o more   |  |  |  |  |  |  |  |
| 32. When you had this injury or illness did you go to the dispensary, clinic, health post or hospital for treatment? |  |  |  |  |  |  |  |
| ☐ Not applicable   |  |  |  |  |  |  |  |
| yes  |  |  |  |  |  |  |  |
| □No  |  |  |  |  |  |  |  |
| 33. If yes, where?   |  |  |  |  |  |  |  |
| ☐ Not applicable   |  |  |  |  |  |  |  |
| ☐ Hospital   |  |  |  |  |  |  |  |
| Health post  |  |  |  |  |  |  |  |
| Pantaleon clinic   |  |  |  |  |  |  |  |
| Social security clinic: IGSS (Instituto Guatemalteco de Seguridad Social)  |  |  |  |  |  |  |  |
| Other (Specify)  |  |  |  |  |  |  |  |



| 34.  | If you have had a work-related injury or illness, what type was it? (select all that apply)       |  |  |  |  |  |                  |
|--|---|--|--|--|--|--|------------------|
|  | Traumatic injury (examples: bone fracture, torn muscle, ankle sprain)                             |  |  |  |  |  |                  |
|  | Skin cut  |  |  |  |  |  |                  |
|  | ☐ Insect bite   |  |  |  |  |  |                  |
|  | Animal bite   |  |  |  |  |  |                  |
|  | Eye irritation, reddening   |  |  |  |  |  |                  |
|  | Injury by crushing or amputation (example: loss of a finger or extremity)                         |  |  |  |  |  |                  |
|  | Skin injuries (examples: bruising, blistering, scratches, punctures, burns)                       |  |  |  |  |  |                  |
|  | Skin rash or hives  |  |  |  |  |  |                  |
|  | Pain (muscular, joint or in the bone)   |  |  |  |  |  |                  |
| Heat stroke (example: dizziness or fainting, from working in the heat  |   |  |  |  |  |  |                  |
|  | Lung problem (examples: Cough, asthma, difficulty breathing)                                      |  |  |  |  |  |                  |
| <ul><li>Nausea, vomiting</li><li>☐ Head injury or head aches</li><li>☐ Hearing damage, ringing in the ears</li></ul> |   |  |  |  |  |  |                  |
|  |   |  |  |  |  |  | ☐ No injuries    |
|  |   |  |  |  |  |  | Other (describe) |
| 35.  | During the current harvest, ¿have you felt any of the following symptoms? (select all that apply) |  |  |  |  |  |                  |
|  | Headache  |  |  |  |  |  |                  |
|  | Stomach pain  |  |  |  |  |  |                  |
|  | Muscle cramping in arms or legs   |  |  |  |  |  |                  |
|  | Fever   |  |  |  |  |  |                  |
|  | Diarrhea  |  |  |  |  |  |                  |
|  | Painful urination   |  |  |  |  |  |                  |
|  | Rapid heartbeat   |  |  |  |  |  |                  |
|  | Dizziness   |  |  |  |  |  |                  |
|  | Vomiting  |  |  |  |  |  |                  |
|  | Fainting  |  |  |  |  |  |                  |
|  | Dry mouth   |  |  |  |  |  |                  |
|  | Ear pain  |  |  |  |  |  |                  |
|  | Upper back pain   |  |  |  |  |  |                  |
|  | Lower back pain   |  |  |  |  |  |                  |
|  | Difficulty breathing  |  |  |  |  |  |                  |
|  | Swelling of the hands or feet   |  |  |  |  |  |                  |





| 36.        | What do you do during your days off?  |
|------------|---|
| [          | Tourism   |
| [          | Relax   |
| [          | Sport   |
| [          | Other recreation  |
| [          | Work at home  |
| 37.<br>[   | In general, how satisfied are you with work?  Very unsatisfied              |
| [          | Somewhat unsatisfied  |
| [          | No difference   |
| [          | Very satisfied  |
| 38.        | How much does your supervisor care about your health and wellbeing?  Never  |
|            | Sometimes   |
|            | Almost always   |
|            | Always  |
| 39.        | How much does Pantaleon as a business care about your health and wellbeing? |
| [          | Never   |
| [          | Sometimes   |
| [          | Almost always   |
| [          | Always  |
| 40. \<br>[ | Where do you get your lunch?  Bring from home                               |
|            | From Pantaleon  |





Ficha number

| 41. Have you taken any of the following medicines during the past 3 months (harvest)? (select all that apply)         |         |          |        |  |
|---|---------|----------|--------|--|
| (narvest): (select all that apply)  |         |          |        |  |
| Aspirina  |         |          |        |  |
| ☐ Ibuprofeno  |         |          |        |  |
| ☐ Diclofenaco   |         |          |        |  |
| Acetaminofen  |         |          |        |  |
| ☐ Tramal  |         |          |        |  |
| Neurotropas (Compleben o Neurobion)   |         |          |        |  |
| Sin sueño   |         |          |        |  |
| Penicilina  |         |          |        |  |
| ☐ Ceftriaxona   |         |          |        |  |
| ☐ Tetraciclina  |         |          |        |  |
| Other (Specify)   |         |          |        |  |
| 42. Do you apply pesticides or insecticides on your own land?   |         |          |        |  |
| Yes   |         |          |        |  |
| □ No  |         |          |        |  |
| 42.a.Specify which pesticide or insecticide   |         |          |        |  |
|   |         |          |        |  |
| 43. When you work for employers other than Pantaleon, do you have potential exposure to pesticides, insecticides or I | nerbici | des at v | vork'? |  |
| ☐ Yes   |         |          |        |  |
| □ No  |         |          |        |  |
| ☐ Not applicable  |         |          |        |  |
| Vital signs   |         |          |        |  |
| 44 Weight: Kg.  |         |          |        |  |
| 45. Height: Meters  |         |          |        |  |
| 46. Blood pressure:   |         |          |        |  |
| 47. Pulse:  |         |          |        |  |
| 48. Medical exam :  |         |          |        |  |
| Normal  |         |          |        |  |
| Abnormal  |         |          |        |  |

| Obser | vations |  |  |  |  |
|-------|---------|--|--|--|--|
|       |         |  |  |  |  |
|       |         |  |  |  |  |
|       |         |  |  |  |  |