Knowledge, Attitude, Practice Toward Pesticides and Toxicity Symptoms Among Farmworkers in Gaza Strip-PNA, 1999.

SN | Date: dd/mm/yy

Q1. Area: (1) North, (2) Gaza, (3) Mid Zone, (4) Khan Yunis, (5) Rafah


Q2. Name: .................................................. Tel. No...........................

Q3. Sex: (1) Male (2) Female

Q4. Age (year)

Q5. Education:
(1) Illiterate (2) Primary (3) Preparatory (4) Sec. School (5) Dip, University


In the case of married: Q6.1 [ ] Years of marriage.

Q6.2 [ ] Have you children? (1) Yes (0) No

Q7. Smoker

Q8. The Field
(1) Open, (2) Close, (3) 1+2

Q9. Type of Crops:

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Q10. Does any Agronomist come to visit your farm periodically?

(1) Yes

10.1 If reply to Q.10 is Yes, please mention to the Agronomist's sector which he is belong to: ..........................................................
Q 11. Are you using pesticides?  
(1) Yes (0) No

If No, skip to Q. 29.

Q 12. How long have you been using pesticides?

Q 13. Do you follow the instruction of pesticides bottle's label?

13.1. If reply to Q.13 is No, please, Justify

(1) Yes (0) No

Q 14. Do you spray two or more mixed pesticides?

14.1. If reply to Q.14 is Yes, please, justify

(1) Yes (0) No

Q 15. The concentration of pesticides do you use are:

(1) The recommended
(2) More than the recommended
(3) Less than the recommended
(4) Not committed with the specific concentration

Q 16. Where do you store empty pesticides bottles or cans?

16.1 In specific storage in the farm site (1) Yes (0) No
16.2 In the home (1) Yes (0) No
16.3 Other places, please specify

Q 17. What are you doing with the empty pesticides bottles or cans?

17.1 For home uses (storage water) (1) Yes (0) No
17.2 For home uses (storage food stuff) (1) Yes (0) No
17.3 Uses for storage other pesticides types (1) Yes (0) No
17.4 Throw it on the garbage sites, farm site, or along the sides of streets. (1) Yes (0) No
17.5 Burying or burning the empty pesticides bottles or cans? (1) Yes (0) No

Q 18. Do you apply pesticides by spraying?

(1) Yes (0) No

Q 19. Which of the following do you wear during preparing or spraying pesticides?

19.1 Gloves (1) Yes (0) No
19.2 Goggles (1) Yes (0) No
19.3 Wide brimmed hat (1) Yes (0) No
19.4 Mask (1) Yes (0) No
19.5 Special Boot (1) Yes (0) No
19.6 Overall (1) Yes (0) No
Q20. During spraying, are you doing the following?

- [ ] 20.1 Smoking  (1) Yes  (0) No
- [ ] 20.2 Drinking  (1) Yes  (0) No
- [ ] 20.3 Eating  (1) Yes  (0) No
- [ ] 20.4 Chewing Gum  (1) Yes  (0) No

Q21. Do you take shower after spraying?

(1) Yes  (0) No

Q22. If yes, Do you take the shower directly after spraying?

(1) Yes  (0) No

Q22.1 If reply to Q.21 is No, please specify the time period prior taking the shower?

Q23. How long after the field has been sprayed with pesticides, do you re-enter it to work?

Q24. Have you keep any first aid in the farm place?

(1) Yes  (0) No

Q25. Have you been participated in seminars or training courses related to the health impact and minimizing use of pesticides?

(1) Yes  (0) No

25.1 If reply to Q.25 is yes, please specify the organization, the institute or any other sector which conducted that?

Q26. Do you commit the safety period (the period between the last spraying and the harvesting)?

(1) Yes  (0) No

Q27. Do you know the name of pesticides do you use?

(1) Yes  (0) No

Q28. If reply in Q.27 Yes, please specify the name of it?

1........................................2 ........................................3............................4...

5........................................6 ........................................7............................8 ...

9........................................10.........................................11............................12...

Q29. Do you know any other ways for pest control rather than pesticides use?

(1) Yes  (0) No
Q30. If reply to Q.29 is yes, the pest control which you know are include the following?

- 30.1 Biological Control (1) Yes (0) No
- 30.2 Natural Control (1) Yes (0) No
- 30.3 Using agricultural ways for pest control (1) Yes (0) No

Q31. Do you know that, the exposure to the pesticides has an adverse health effect or impact on the human health? (1) Yes (0) No (9) don’t know

If reply to Q.31 is No, please don’t ask Q. 32, 34 & 35 and Qs. from (40-43).

Q32. Are all the pesticides have the same adverse health effect on the human health? (1) Yes (0) No (9) don’t know

Q33. Do pesticides enter human body through the following? (1) Yes (0) No (9) don’t know

- 33.1 Inhalation (1) Yes (0) No (9) don’t know
- 33.2 Skin (1) Yes (0) No (9) don’t know
- 33.3 Mouth (1) Yes (0) No (9) don’t know

Q34. According to your knowledge, do the adverse health effects of the pesticides include the following? (1) Yes (0) No (9) don’t know

- 34.1 Headache/Migraine (1) Yes (0) No (9) don’t know
- 34.2 Watering/Sore eyes (1) Yes (0) No (9) don’t know
- 34.3 Cough/Cold/Chest pain/Breathlessness (1) Yes (0) No (9) don’t know
- 34.4 Dizziness (1) Yes (0) No (9) don’t know
- 34.5 Weakness (1) Yes (0) No (9) don’t know
- 34.6 Burning sensation in eyes/face (1) Yes (0) No (9) don’t know
- 34.7 Skin rash (1) Yes (0) No (9) don’t know
- 34.8 Itching/Skin irritation (1) Yes (0) No (9) don’t know
- 34.9 Salivation/nausea/vomiting (1) Yes (0) No (9) don’t know
- 34.10 Abdominal pain/diarrhea (1) Yes (0) No (9) don’t know
- 34.11 Fever/rise in temperature (1) Yes (0) No (9) don’t know
- 34.12 Forgetfulness (1) Yes (0) No (9) don’t know
- 34.13 Impotence/loss of libido (for men) (1) Yes (0) No (9) don’t know
- 34.14 Infertility/miscarriages (for women) (1) Yes (0) No (9) don’t know
- 34.15 Others, please specify..........................
Q35. Are you suffering from any of the previous symptoms (for non-exposed) as a result of using pesticides (for farm-workers)?

(1) Yes (0) No

35.1–35.15 If reply to Q.35 is Yes, please specify the symptoms you have suffered from (in Q 34)

Q36. Do you know that the pesticides residue may be exist in the following?

☐ Q. 36.1 The air (1) Yes (0) No (9) don’t know
☐ Q. 36.2 The soil (1) Yes (0) No (9) don’t know
☐ Q. 36.3 Ground water (1) Yes (0) No (9) don’t know
☐ Q. 36.4 Fruits, seeds and leaves of vegetables and fruits (1) Yes (0) No (9) don’t know

Q37. Do you know that, there are an Internationally prohibited or forbidden pesticides?

(1) Yes (0) No (9) don’t know

Q38. Are you with (your opinion) pesticides use?

(1) Yes (0) No

Q.39. If reply to Q.38 whether Yes or No, please, justify your using to pesticides? .................................................................

Q40. Which of the following do you think can protect farm-workers from the harmful effects of pesticides?

☐ 40.1 Wearing gloves (1) Yes (0) No (9) don’t know
☐ 40.2 Using goggles (1) Yes (0) No (9) don’t know
☐ 40.3 Wearing wide brimmed hat (1) Yes (0) No (9) don’t know
☐ 40.4 Putting on nasal masks (1) Yes (0) No (9) don’t know
☐ 40.5 Wearing special boots (1) Yes (0) No (9) don’t know
☐ 40.6 Wearing overall (1) Yes (0) No (9) don’t know

Q41. As a farm-worker, do you believe that your body has developed an immunity against pesticides? (1) Yes (0) No (9) don’t know

Q42. Have you seen any pesticides poisoning cases or informed about it? (1) Yes (0) No (9) don’t know

Q43. Have you seen any death cases from pesticides use or informed about it? (1) Yes (0) No (9) don’t know

Q44. Is there any toxicological or medical center, in your area provides medical services to farm-workers? (1) Yes (0) No (9) don’t know

Thank you for your kind cooperation