

Chemical Pesticides and Health

Situation Analysis

Farming, Health and Environment
Nepal Project, NPHF

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Objectives of the project

To prevent occupational pesticide poisonings among farmers, pesticide spray workers and pesticide retailers by strengthening their KAP about alternatives to chemical pesticides and safety measures

To prevent pesticide poisoning by increasing awareness among communities and health workers about its prevention and management

To advocate for 'pesticide free foods' through the dissemination of research findings and experiences

Our work approach

We work broadly in 3 major areas namely research, community based interventions and advocacy.



Farmers



Pesticide Spray Workers



Pesticide Retailers



School Teachers



Health Service Providers



Local & Provincial Government

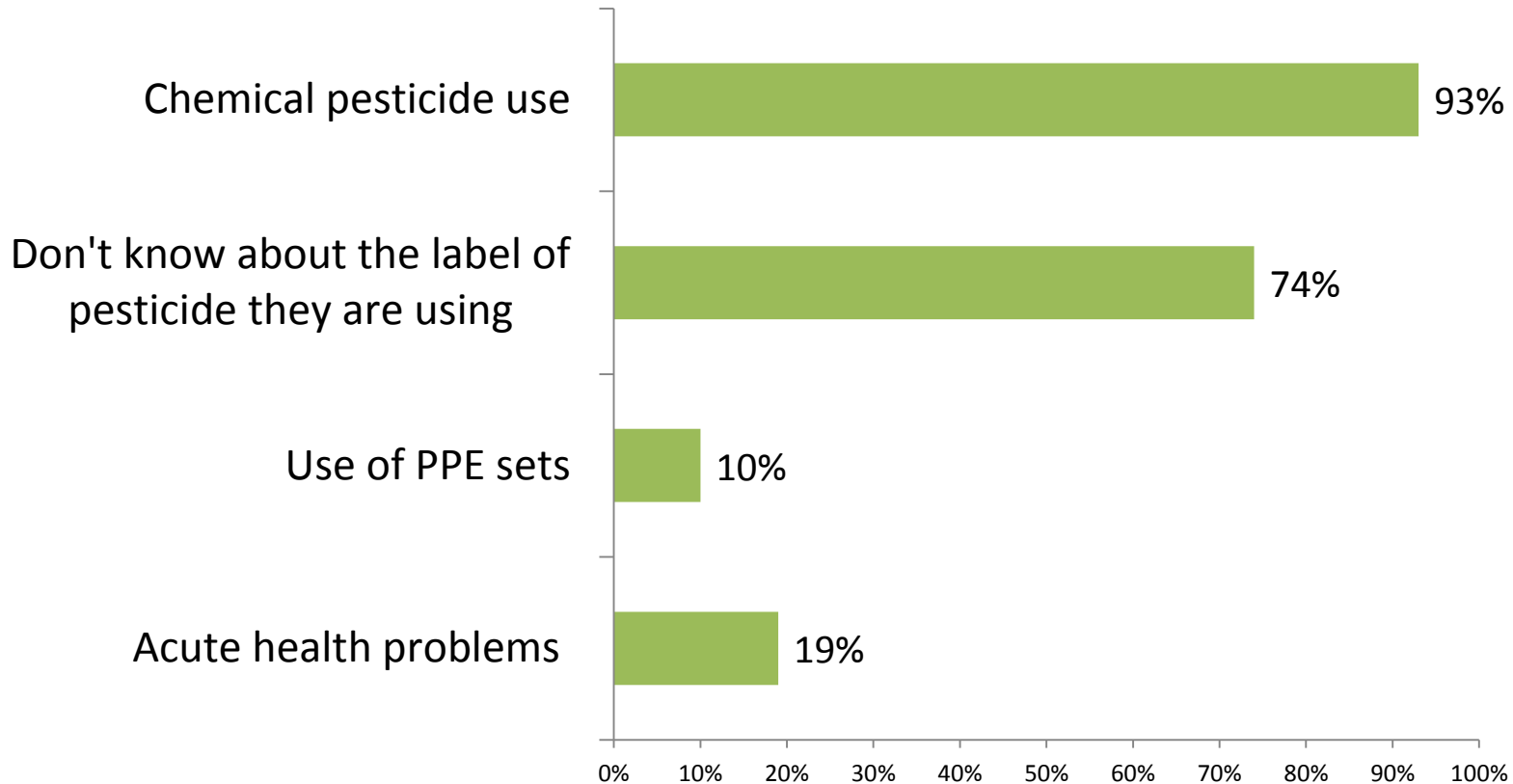


We work with

Our reach

Activities	Frequency	Participants
IPM FFS	5 groups	148
Training to pesticide spray workers	2 times	107
Pesticide retailers	2 times	41
Health workers	1 time (11 HFs)	25
FCHVs	4 groups	103
School teachers	2 groups	43
Follow up/community sensitization	100	1000
Street drama	24 places	6000

Situation assessment of pesticide use in Chitwan, 2018 (n=790)



Situation in the health facility to manage pesticide related cases (n=16)

Very few ask about pesticide exposure to related patients

Very few knew about the color code

Lack of knowledge among health workers about the subject

Very few practiced counseling

Shortage of medicines such as Atropine

Existing system of recording and reporting

Everyday 8-10 patients come with pesticide poisoning complaint - Bharatpur government hospital

Most of local health facilities do not record and report pesticide related cases. There is no system to record in IHMIS.

Advocacy meetings with local government

Pesticide minimization guideline development

Pesticide residue measurement lab establishment

Formation of task force



Learning reflections

Urgent, relevant and complex issue

Prioritization of the issue by the health sector

Need to address it by all tiers of government in an integrated way

Thank you!