**Metadata**

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| **Dataset title:**  | **Vegetable pest management in Southeast Asia** |
| Type of data | Household survey data |
| Country tags | Vietnam; Laos; Cambodia |
| Crop tags | Yardlong bean; leaf mustard |
| Description  | Farm household survey data collected from vegetable farmers in Laos, Vietnam and Cambodia to characterize pest management of key vegetable crops (yardlong bean and leaf mustard). Key variables are pesticide use (quantities, frequency, and values), use of various IPM methods, use of protective gear, poisoning symptoms, crop output, input use, pest management knowledge and attitudes toward safe pest management. |
| Related Publication | Schreinemachers, P., Chen, H.-p., Loc, N. T. T., Buntong, B., Bouapao, L., Guatam, S., Nhu, T. L., Pinn, T., Vilaysone, P., Srinivasan, R., 2017. Too much to handle? Pesticide dependence of smallholder vegetable farmers in Southeast Asia, Science of The Total Environment. 593-594, 470–477. |
| doi | http://dx.doi.org/10.1016/j.scitotenv.2017.03.181 |
| **About the data:** | **Type of data** | **Public or private access** |
| Study protocol | Available. | Public |
| Questionnaires | Available in English, Vietnamese, Khmer and Lao | Public (pdf versions only) |
| Original data | Available (Excel) | Public subject to data use agreement |
| Analysis files | Available (Stata) | Public subject to data use agreement |
| Other files | Data collection reports | Private |
| **About the project:** |  |
| Project | Attraction in Action: Using pheromones and other safe and sustainable management strategies to reduce losses from insect pests and plant diseases on vegetable legumes and leafy brassicas in Southeast Asia |
| Maconomy nr. | 10000237 |
| Donor | Federal Ministry for Economic Cooperation and Development |
| **About the data:** |  |
| Primary sampling unit | Household |
| Sample size | 900 farm households (300 per country) |
| Sampling procedure | Stratified random sample. Stratified by country, crop, province and district. Main production villages purposively selected. Households within selected villages randomly selected.  |
| Sample weights? | None. |
| Sex-disaggregated? | No. Questions were asked to the main person managing the crop (yardlong bean or leaf mustard) and the main person in charge of pest management decisions. In about 30% of the cases this was a woman. |
| Time period covered  | 2015. See also Table 1 in the paper. |
| Related Datasets | None. |
| **About the study:** |  |
| Who designed the study? | World Vegetable Center (Pepijn Schreinemachers) |
| Who collected the data? | Mekong Development Institute (MDI, Laos); Fruit and Vegetable Research Institute (FAVRI, Vietnam), Royal University of Agriculture (RAU, Cambodia) |
| Who analyzed the data? | World Vegetable Center (Pepijn Schreinemachers; Hsiao-pu Chen) |