

## Research report on plastic wastes in farmland for “People vs. Plastics” PP002

By YANG Honglan and ZHOU Jinfeng

**Abstract:** In response to the global themes of “Beat Plastic Pollution” and “Planet vs. Plastics”, the Plastic Reduction and Pickup Working Group of China Biodiversity Conservation and Green Development Foundation initiated the “People vs. Plastics” project. The project calls for nationwide participation and collective governance to address the increasingly severe challenge of plastic wastes and effectively mitigate the negative impact of plastic wastes on the ecosystem. Aligned with this principle, the volunteers of the Plastic Reduction and Pickup Working Group, led local farmers to carry out plastic waste cleanup actions during holidays and conducted science popularization activities on the harm of plastic wastes to the ecological environment. Besides, the collected plastic wastes were sorted, weighed and recorded. In particular, thoughtful consideration was given to the environmental pollution arising from the extensive use of plastic mulch films during agricultural production.

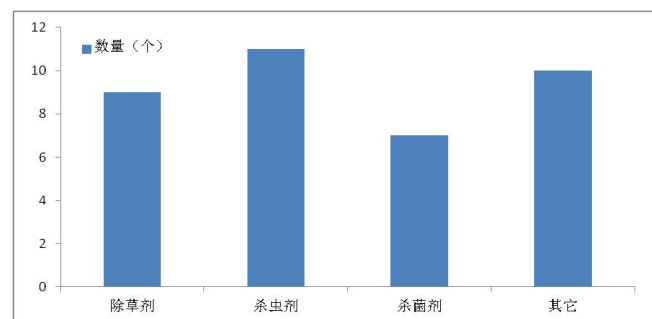
**Key words:** People vs. Plastics, public participation, plastic mulch films, agricultural production

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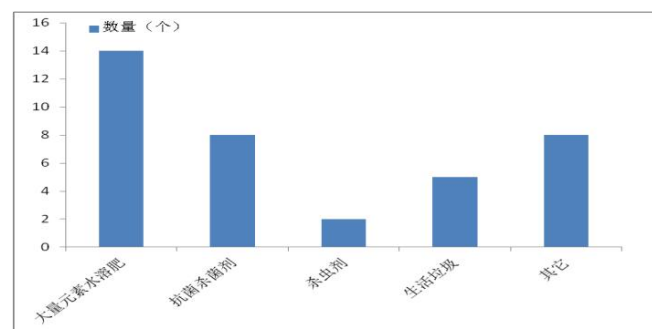




Volunteers weighed the plastic wastes they picked up one bag by one bag

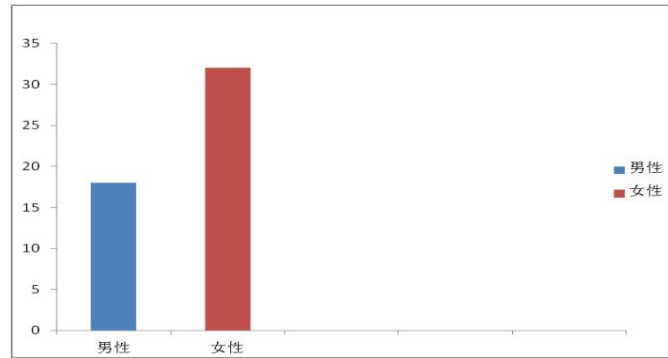


Statistical chart by plastic bottle classification

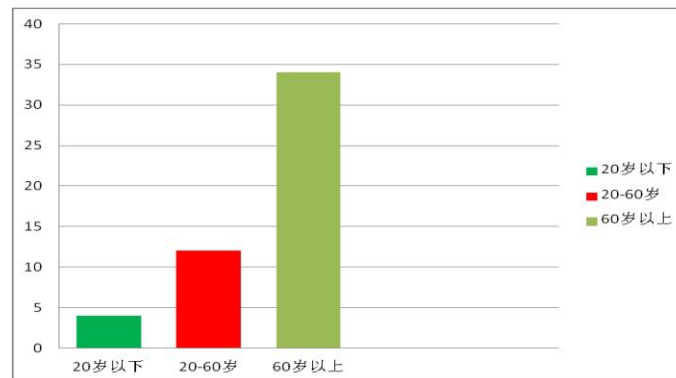


Statistical chart by plastic bag classification





Statistical chart by gender



Statistical chart by age



