

### Outbreak Control of Dengue Fever in Taichung City, 2018

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#### Abstract

In August 2018, Taichung City experienced the largest outbreak of dengue fever since 1995, with a total of 113 cases. The outbreak was difficult to control due to the lack of knowledge about dengue fever among the public, the rainy season, and the outdoor hot spots where breeding sites were hard to reach and difficult to eliminate. Outdoor breeding sites elimination should focus on people's staying places. Chemical control should be done at places where equipment is accessible. In addition to closing the farm, the farm leaser list can be obtained through the landlord, warning signs should be displayed in orchards and mountainous areas to restrict people from entry, and education of personal protective measures for residents or farmers nearby should be carried out. It is also critical to avoid occupational injuries on personnel such as dengue fever infection and chemical poisoning. The outbreak was under control in December 2018 after continuous control and prevention management.

**Keywords:** Taichung City, dengue fever, farm, orchards

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