

# Application of LED lights-related technique in pest controls in organic-tea garden

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## Abstract

LED is suitable for trapping pests in tea garden according to its characters are low power consumption and long electrical endurance. In this study, the effect of purple and blue light trapped the stink bugs and *Adoxophyes* sp. is better than the others among five colors. Otherwise, different light emitting diode(LED)sources combinations could make the difference of trapping effects. The trapping mechanism is still need to do further research.

**Key words** : organic tea garden, light emitting diode(LED), insect, color preference