



Agricultural Environment and Intelligent Plant Protection Equipment

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Message from the Guest Editors

The agricultural environment refers to the combination of various natural and artificially modified natural factors that affect the survival and development of agricultural organisms, including farmland, forest, grassland, irrigation water, air, light, heat and chemical fertilizer applied to farmland, pesticides and agricultural equipment. These factors constitute a comprehensive agricultural environment system, interacting with each other and affecting agricultural production together.

As a vital component of agricultural environment, plant protection equipment plays an indispensable role in agricultural production. The intellectualization of plant protection equipment is an important link to drive agricultural development processes. With the advantages of saving time and effort, precision and high efficiency, intelligent plant protection equipment makes great contributions to cost reduction, increasing incomes, as well as to the healthy and sustainable development of agriculture.

In this Special Issue, we aim to exchange knowledge on any aspect related to the agricultural environment and intelligent plant protection equipment to promote sustainable agricultural development.





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Message from the Editor-in-Chief

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