

Terra Drone Agri Partners with S&H Techventure & ACM to deploy advanced Drone for Bagworm Control in Palm Oil Plantation

24 December 2024 | News

Terra Drone Agri has deployed advanced drones through its service to combat bagworm infestations across several thousand hectares of oil palm plantations in Malaysia. This collaboration with **S&H Techventure Sdn. Bhd. (S&H)**, a prominent distributor of agrochemical products, and **Agricultural Chemicals (M) Sdn. Bhd. (ACM)**, a specialized chemical supplier, represents a significant step toward modernizing pest control in Malaysia's agricultural sector.



Terra Drone Agri has deployed advanced drones through its service to combat bagworm infestations across several thousand hectares of oil palm plantations in Malaysia. This collaboration with S&H Techventure Sdn. Bhd. (S&H), a prominent distributor of agrochemical products, and Agricultural Chemicals (M) Sdn. Bhd. (ACM), a specialized chemical supplier, represents a significant step toward modernizing pest control in Malaysia's agricultural sector.

By combining Terra Drone Agri's cutting-edge drone technology with the agrochemical expertise of S&H and ACM, this operation ensures highly efficient and precise pesticide application. ACM supplies TAKUMI, a potent insecticide specifically designed for bagworm management, while S&H provides Magnetik, a specialized solution to optimize pesticide application. This partnership allows for large-scale pest control while minimizing the environmental footprint typically associated with traditional pest management practices.

Equipped with GX30 and D16 drones, Terra Drone Agri's solution delivers even and accurate pesticide distribution across hard-to-reach plantation areas, reducing chemical waste and labor costs. This technology-driven approach accelerates response times to pest outbreaks, offering an efficient and sustainable alternative to manual spraying methods.

Bagworm infestations are a significant threat to oil palm plantations, causing severe defoliation and reducing yields. Through this initiative, Terra Drone Agri, S&H Techventure, and ACM aim not only to address immediate pest control needs but to provide a scalable and sustainable solution to long-standing agricultural challenges. The collaboration underscores the growing importance of integrating technology into agriculture to safeguard productivity and long-term sustainability.

While this operation provides a direct response to the bagworm issue, it also highlights the necessity for ongoing innovation within the agricultural industry. As pests evolve and climate conditions shift, traditional pest control strategies are becoming less effective. This partnership demonstrates the essential role of technology in transforming Malaysia's oil palm plantations, setting a new standard for the industry in pest management.