



P/G-KIT Powder and Granulates Distribution Kit



The multipurpose and green tool for precision farming. P/G-KIT can distribute powder for assisted pollination and granulates for biological control with high degree of precision.

THE MULTIFUNCTIONAL PRODUCT FOR BIOLOGICAL AGRICULTURE

P-KIT can rapidly and precisely spread pollen previously collected to aid pollinating typically done by the wind. Moreover, P-KIT can distribute pollen faster than traditional ground tools.

G-KIT can as well precisely and rapidly distribute several kinds of beneficials mixed with different types of granulates over a variety of crops.

A light drone equipped with the P/G-KIT is a valuable tool for the diffusion on big scale of assisted pollinating and biological treatment methods.



FEATURES



3 liters capacity on Aermatica3D BLY-A-EVO, 5 liters on DJI Matrice 300 RTK, 10 liters on DJI Matrice 600



5 acres pollination in 10 minutes. Up to 12 acres per flight



Customizable integration on different kinds of drones



P-KIT to G-KIT and viceversa easy configuration swap on the field



Variable rate distribution for precise quantity



Automatic flight plans and distribution remote control on tablet or DJI Smart Controller by Aermatica3D BLY3D



Distributes products granting the vitality of the insects and pollen in respect of the environment

KEY CHARACTERISTICS

- Configurable to spread different products mixed with powder and granulates
- Remote indication of ongoing distribution and empty tank
- Variable rate according to prescriptions
- Precise distribution
- Distribution real time status
- Remotely monitored by the pilot by the BLY3D APP
- Release mechanism adaptable to multiple tanks for different drones

SCAN THE QR CODE AND
WATCH OUR P/G-KIT VIDEO



Operated on large scale on thousands of acres

OVERVIEW

Total weight (tank excluded): 300g

Dimension: 13*16*17cm

Compatible with Drones with $\geq 1\text{Kg}$ payload

Native integration on DJI Drones with SDK:

- DJI Matrice 100/600/210/210 RTK/300 RTK
- Drones equipped with DJI A3/N3 flight controllers

Compatible with drones other than DJI:

- Stand Alone Configuration controlled by a remote controller
- Integrated on Pixhawk Drones Mavlink compatible

YOUR KIT CAN BE CUSTOMIZED ACCORDING TO YOUR
NEEDS

AWARDED AS TECHNICAL
INNOVATION AT EIMA
2018 TECHNOLOGICAL
INNOVATION CONTEST



BLY-A-EVO FEATURES

Maximum operative speed: 14 m/s ($> 50\text{ Km/h}$)

Maximum wind resistance: 10 m/s

Operative Temperature: -10° to $+40^{\circ}$

Operative Endurance: $>20\text{ min}$

Tablet and APP BLY3D

- mission planning and control
- automatic flights
- altitude above terrain control
- distribution kit control
- distribution report generation

Rapid refilling of the tank



THE FULL DRONE SOLUTION

P/G-KIT can be purchased stand-alone or Aermatica3D can provide it installed on DJI Matrice 300RTK, the DJI Enterprise top drone.

Aermatica3D can also provide you with our custom designed and manufactured drone solution, the BLY-A-EVO, an optimized and cost effective alternative.

