

Variable rate application compatible

# Nile-JZ

Japan  
Made

Auto  
pilot



Precision Agriculture from the sky



HARDWARE

# Effortless pest control, designed for easy use without advanced piloting skills required.



## High Accuracy Autopilot

Accurate flight with location info calculated by RTK-GNSS and multiple sensors. Automated battery level detection and obstacle avoidance.



## Easy Battery Replacement

Batteries can be quickly installed and removed. Charger is compact in size and space-saving.



## Spraying and Spreading

Liquid and granule tanks can be easily replaced. Drone is washable with water.



## Compact Size

Foldable and hand carryable size. Easy to move and space-saving.



## Safe and Secure

Real-time flight monitoring via LTE network. Precise customer support provided based on drone condition, flight path, battery and tank level, communication status.



## Made in Japan

Specialized for agriculture. Drone hardware designed by "Japan High Spec Drone Consortium" with Nileworks proprietary autopilot technology integrated.

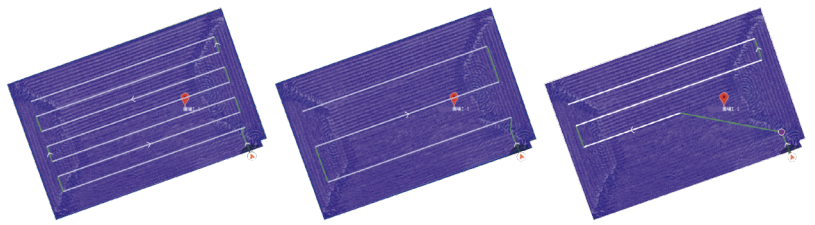
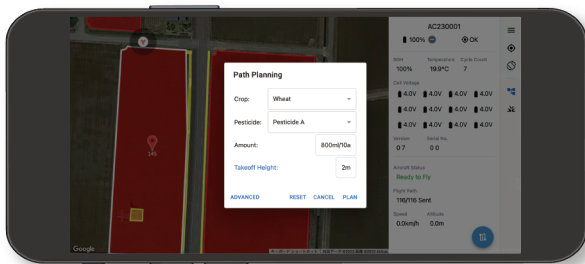


SOFTWARE

## “Design the ideal spraying route”

### Auto-generate the flight path

The flight path is automatically generated based on the user's requirements such as altitude, spray width and flow rate.



**Work efficiency - optimized by 20%**  
Compared with previous model

### On-line update

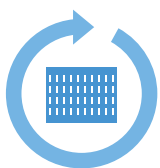
With the on-line software updates enabled, new functions / improvements can be applied to the drone.



### Variable rate application

Spray only the required amounts on specified areas from drone analysis and satellite data

### How to use



Surveying  
field and obstacles



Drone  
preparation



Auto-generate  
the path and autopilot

**Nile-JZ**

Product details



## Product Specifications

Aircraft	Maximum Weight	27kg
	Rotor Quantity	6
	Length×Width×Height	1,916mm×2,110mm×727mm ※Tank included
	Length×Width×Height (arms folded)	716mm×626mm×727mm ※Tank included
	Frame	Box-frame structure
	Arm Storage	Foldable
Propellers	Propeller Diameter	27inch
	Propeller Type	CF Reinforced Resin (Foldable)
Battery	Capacity	799Wh
	Voltage	44.4V
	Length×Width×Height	149mm×255mm×243mm
Charger	Charging Method	Fast Charging (4slots)
	Output	100V 1200W / 200V 2400W
	Length×Width×Height	350mm×250mm×155mm
Spraying System	Spraying Capacity	8ℓ
	Sprinkler Type	2Nozzles
	Spray Width	4.5m～
	Spray Speed	～ 20km/h
	Spray Amount	800ml～/10a Can be tuned
Spreading System	Spread Tank Volume	10ℓ
	Spreader Type	Impeller
	Spread Width	5m～
	Spread Speed	～ 20km/h
	Spread Amount	Can be tuned
Communication /Positioning	Communication Method	LTE / 2.4GHz
	Positioning Method	Network RTK

## Other Items

Remote Controller

Surveying Equipment

## Package



- ①Aircraft ②Battery ③Charger ④Spraying System  
 ⑤Spreading System ⑥Remote Controller  
 ⑦Surveying Equipment



**Nileworks Inc.**

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