



## DJI AGRAS T16 Release Notes

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| Date:                       | 2020.07.22  |
| Aircraft Firmware:          | v02.03.0223 |
| Remote Controller Firmware: | v02.03.0223 |
| DJI Agras App:              | v3.1.8      |

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### What's New?

- Updated the app built into the remote controller to the DJI Agras app, including the all-new UI 3.0.
- Added AI recognition for field planning when using Phantom 4 RTK and DJI Terra. With AI recognition, different types of objects can be recognized in the operating area.\*
- Added support for Fruit Tree 3.0\*. With six new flight route planning methods and an optimized AI recognition function in DJI Terra, Fruit Tree 3.0 can meet more operation scenarios.
- In A-B Route operation mode, added ability to adjust headings for points A and B so that the operation can cover most of the area of a triangular or trapezoidal field.
- Added ability to change start point of the flight route.
- Added ability to import shapefile (shp) files. After importing shp files through a microSD card, files can be selected in Field tag when planning a field.
- Added ability to spray manually after operation is paused in Route operation mode. In such scenarios, manually sprayed area will not be calculated.
- Optimized spray function to improve spray effect for edges of a field. When using four sprinklers with a low spray rate, rear sprinklers will spray when flying forward while front sprinklers will spray when flying backward.
- Optimized offset correction in Fruit Tree mode. There is no need to rectify offset in some scenarios. To use this function, make sure to enable elevation optimization in operation parameter settings and to set coordinate system to WGS84 in RTK settings when planning field in fruit tree area using Phantom 4 RTK.\*
- Optimized field planning. No limits to maximum number of waypoints that can be added when planning a field.
- Optimized login. Users are no longer logged out after being logged in for 7 days. Each time the app connects to the internet, the login session will be refreshed for another 7 days. Users will be logged out after 40 days.
- Improved speed to load, download, and upload the field information in app.
- Adjusted option to disable obstacle avoidance radar to "Off (alert only)". This means that when an obstacle

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is detected, the user will receive a sound alert only.

- Adjusted minimum line spacing that can be set to 1.5 m.
- Adjusted setting of spray dosage with an accuracy of up to two decimal places.
- Optimized empty tank detection of spreading system to improve accuracy of break point recorded.
- Fixed rare issue: operation records were inaccurate in app.
- Fixed rare issue: operation records in app could not be uploaded to DJI Agras platform.
- Fixed rare issue: sprayed area in A-B Route operations was inaccurate in app.
- Fixed rare issue: radar disconnected in app.

\* DJI Terra software version of v2.2.1 is required. When using a DJI Terra of v2.1.4 or earlier, new functions are unavailable and previously planned fields planned cannot be used to perform operations.

### Notes:

- Make sure to update the firmware for both the aircraft and the remote controller. Otherwise, they will not be compatible with each other.
- This remote controller firmware is only compatible with the T16 remote controller. DO NOT attempt to update an MG-1P or a Phantom 4 RTK remote controller with this firmware.