




## DJI AGRAS T20 Release Notes

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Date:	2022.11.15
Aircraft Firmware:	v02.03.0404
Remote Controller Firmware:	v02.03.0404
DJI Agras App:	v3.5.6

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### What 's New?

- Changed map engine to improve map clarity.
- Supported Korean language for the app. On the home screen of the app, tap General Settings  > Android System Settings > Languages & Input, and then select the language.
- Added breakpoint spreading calibration for spreading operations. If a distance value for the calibration is set in Spreading System Settings, the aircraft will fly back with the pre-set distance after returning to the tank empty point to reduce missed areas.
- Fixed rare issue: the aircraft deviated from the planned flight route when returning to the breakpoint in Route operations.
- Fixed rare issue: there was an offset between the actual and planned flight routes when using RTK positioning.
- For Fruit Tree - Spot Spraying tasks, optimized statistics for Total Amount Used and Spraying Amount Per Plant in the Task Confirmation Letter. \*
- For Fruit Tree - Continuous Spraying tasks, fixed issue: flight speed and flow could not be changed simultaneously in spraying amount settings. \*

\* DJI Terra software version of v2.3.0 or later is required.

### Notes:

- This firmware includes Intelligent Flight Battery firmware. **If you have multiple batteries, please run this firmware update on all of them.**
- Make sure to update the firmware for both the aircraft and the remote controller. Otherwise, they will not be compatible with each other.



## DJI AGRAS T20 Release Notes

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Date:	2020.07.22
Aircraft Firmware:	v02.03.0223
Remote Controller Firmware:	v02.03.0223
DJI Agras App:	v3.1.10

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### What's New?

- 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.
- 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 radar sensitivity adjustment and distance detection on sideward directions.
- Added omnidirectional terrain following function that can be used when aircraft flies in a sideward direction.
- Added detection angle calibration to radar module.
- Adjusted option to disable obstacle avoidance radar to “Off (alert only)”. This means that when an obstacle is detected, the user will receive a sound alert only.
- 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 pump calibration. All four pumps can be calibrated simultaneously to reduce calibration time and improve calibration precision.
- 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.

<http://www.dji.com/t20>



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- Improved speed to load, download, and upload the field information in app.
- 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.