

Work line description and considerations

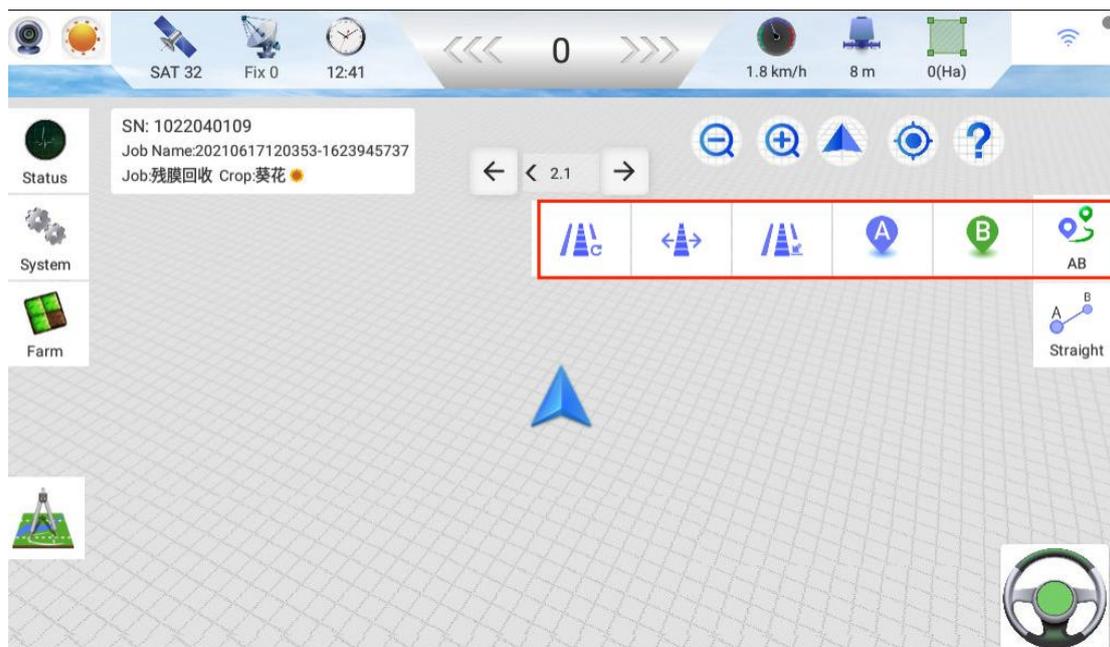
1.1 Set the AB line

In the main interface, you can set the trajectory planned when the tractor drives automatically (we call it the AB line).

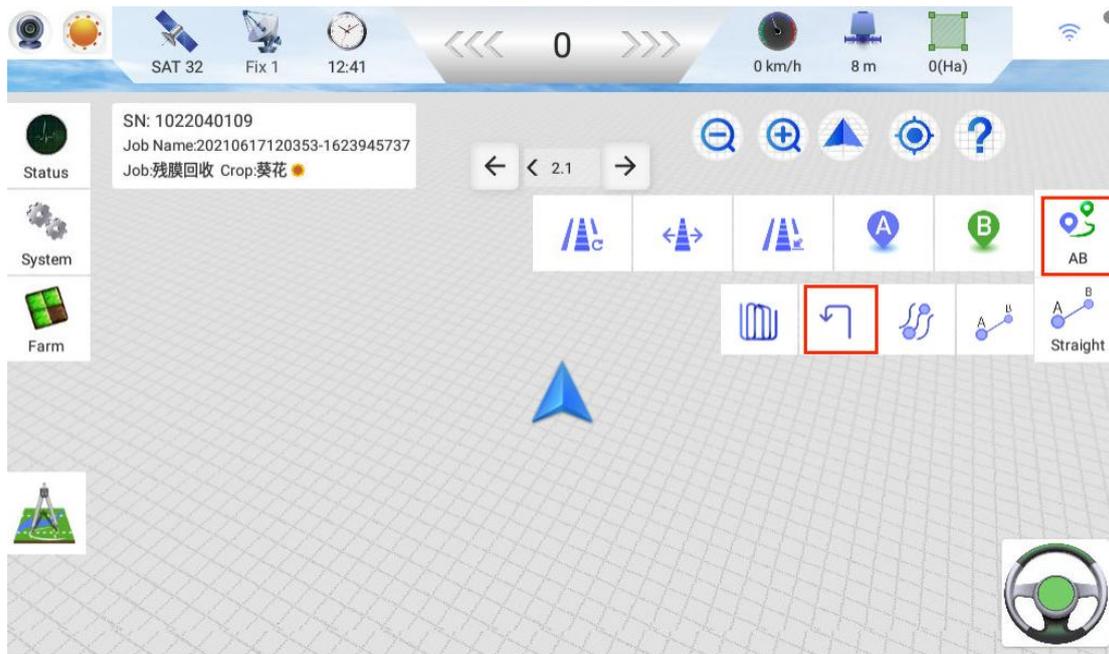
Note: When setting the AB line, the tractor must not work and must run empty.

Park the tractor on this side of the land, point the front of the tractor towards the direction of work, click the "A" button on the screen, and set the  point. Drive the tractor along the direction of the front of the vehicle to the other end of the land and stop, click the "B" button on the screen to set the  point. At this time, enter the name of this line (the default is the current time), it is recommended to enter a name that is easy to distinguish

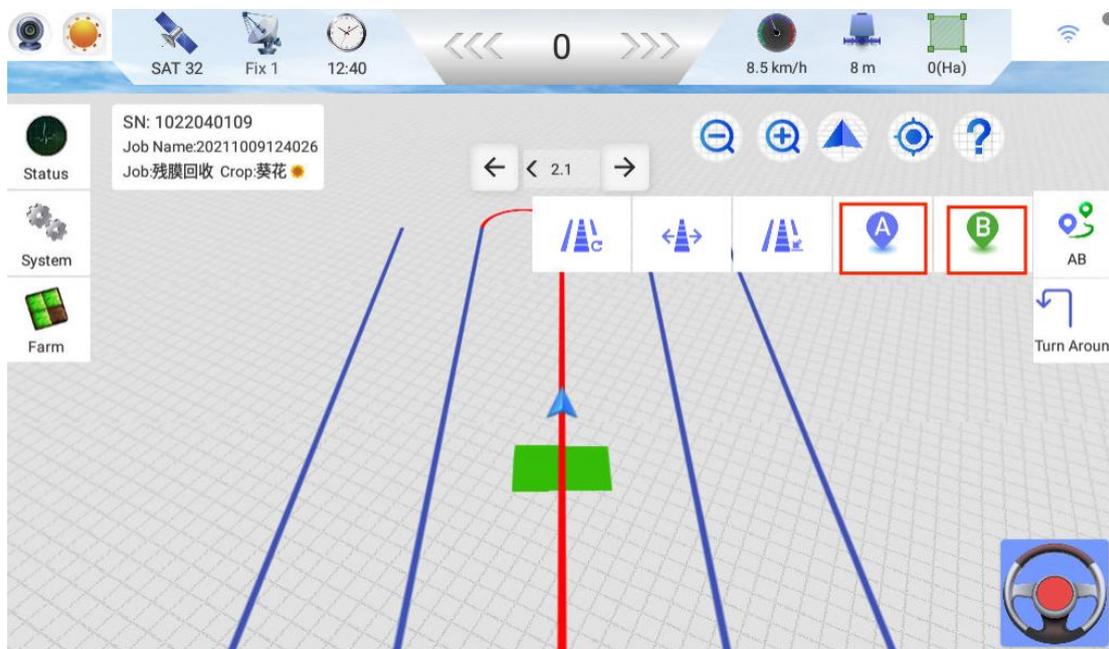
Note: Whenever the tractor arrives at a new site that has not been worked, it is necessary to reset the AB line. When setting the line, pay attention to whether the AB line is in a straight line mode. The AB line continues to work.



1.2 U-turn straight work



First select and click the AB button in the above picture, and then select the U-turn button.



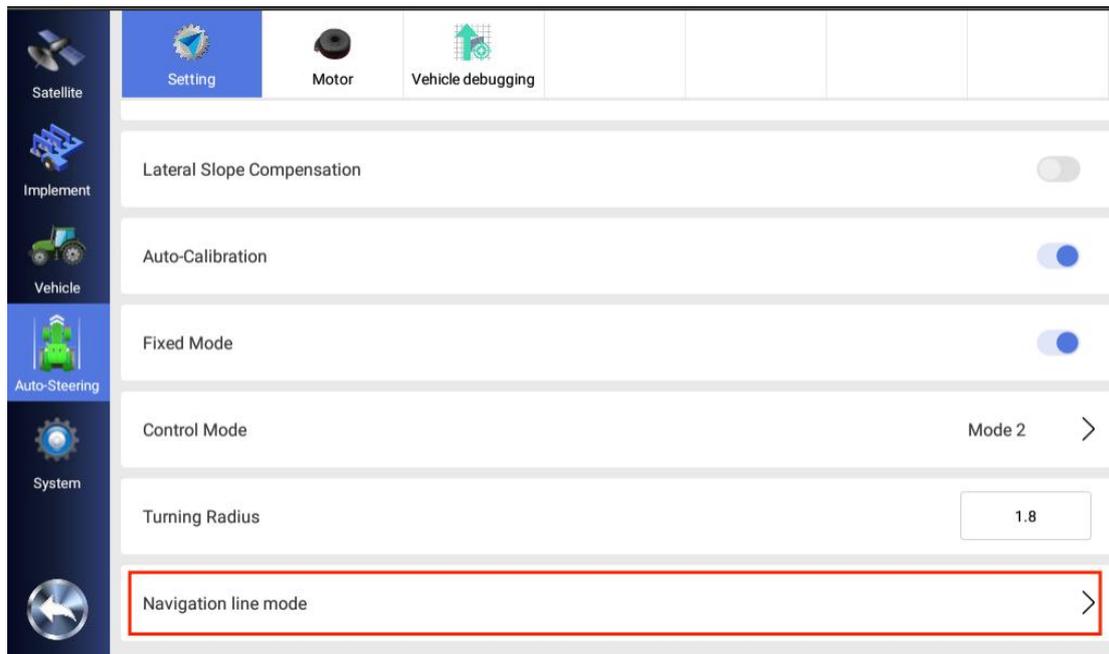
Park the tractor at one end of the ground along the vertical boundary of the work, at this time point the front of the tractor towards the direction of the work, and click

the "A" button on the screen to fix the  point. Drive the tractor along the

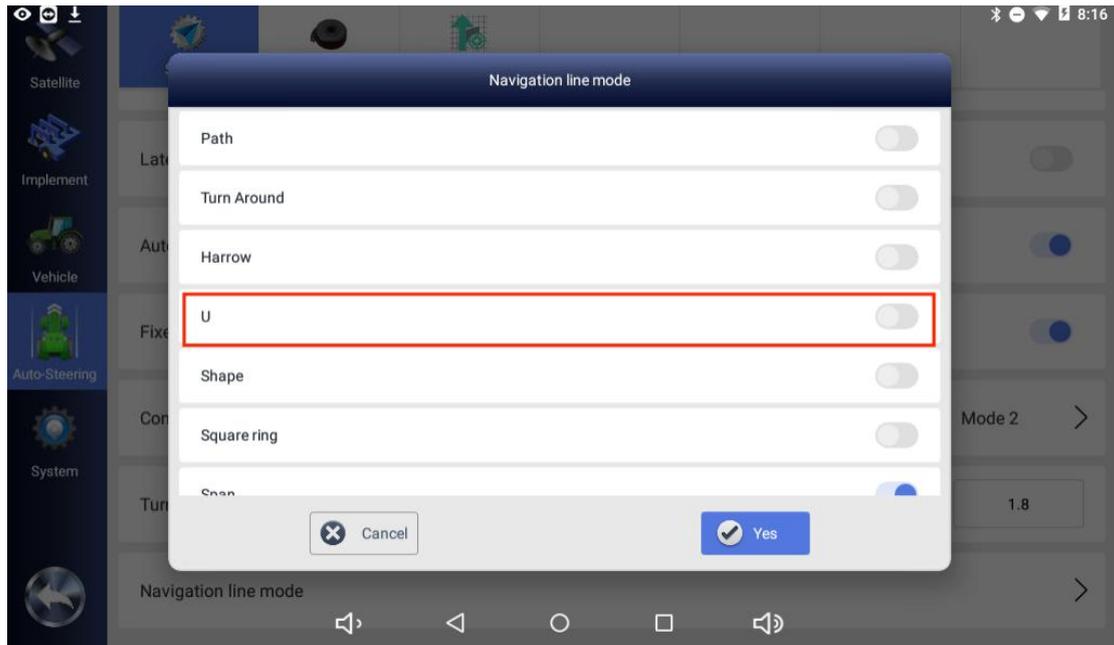
direction of the front of the vehicle (two widths from the center of the rear wheels to the edge of the ground) to the other end of the ground (two widths from the center of the rear wheels to the edge of the ground) and stop, click the "B" button on the screen

to set next  point. At this time, enter the name of this line (the default is the current time), and it is recommended to enter a name that is easy to distinguish.

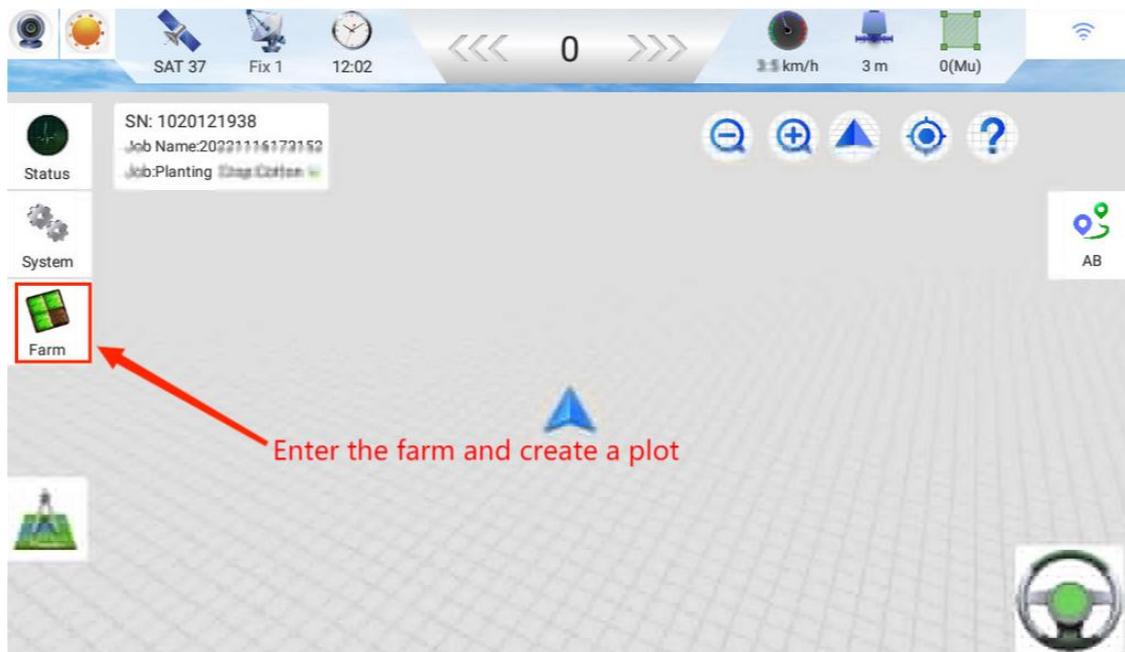
2、 Four Points of Planning Considerations

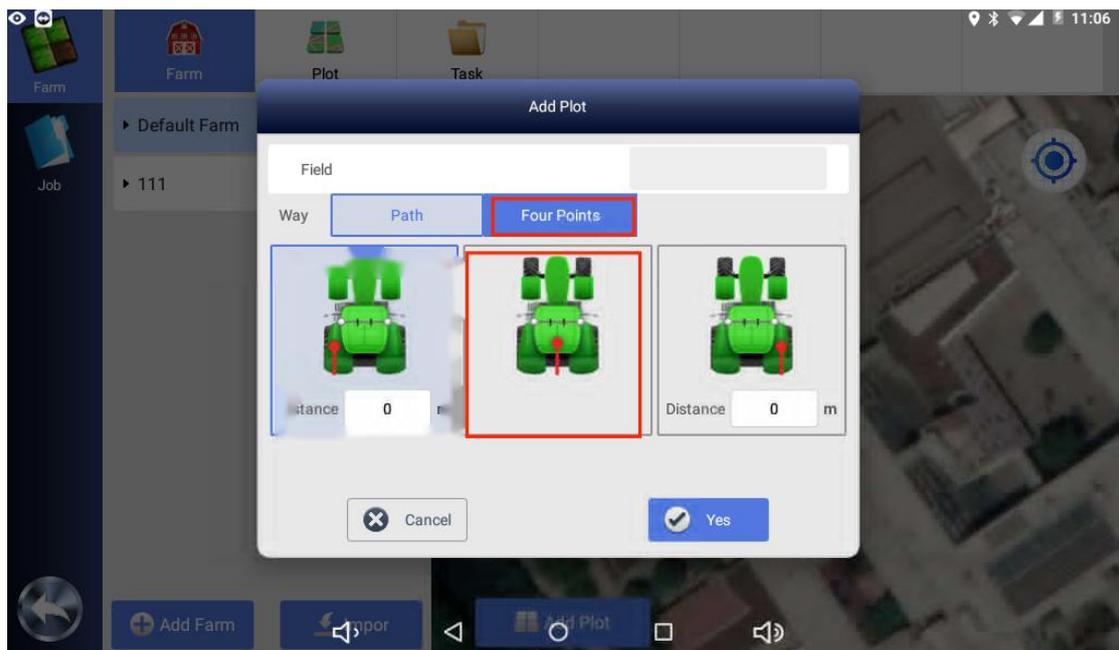
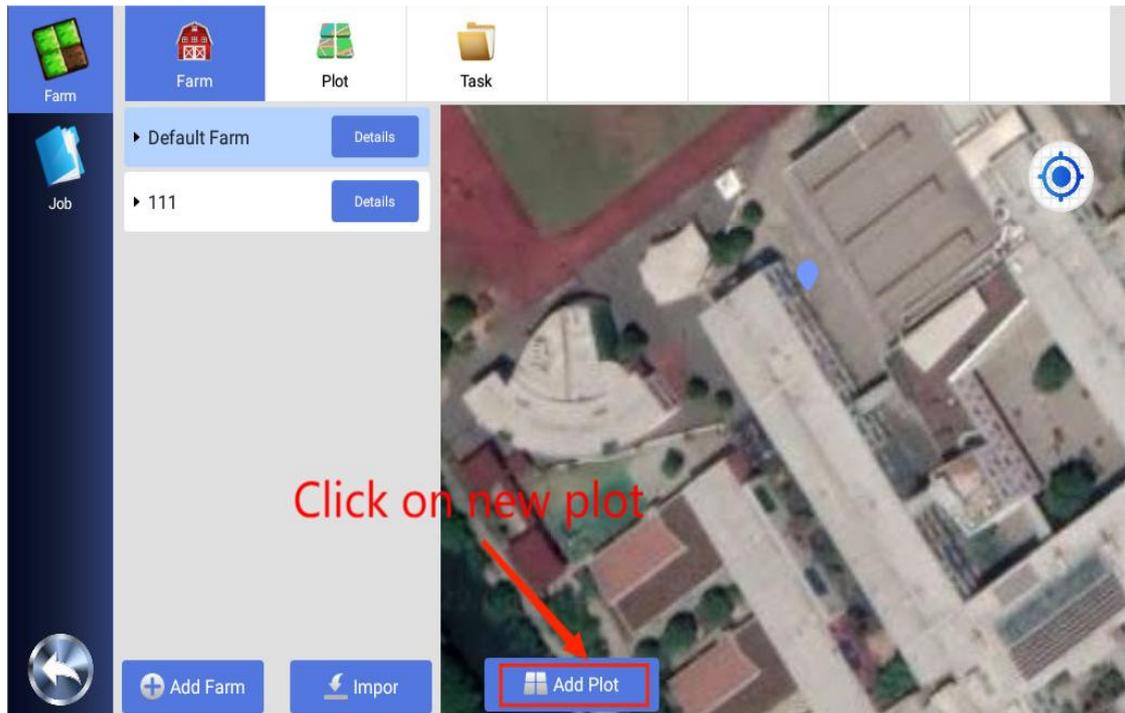


First, click on the autopilot interface to find the operation mode selection window.



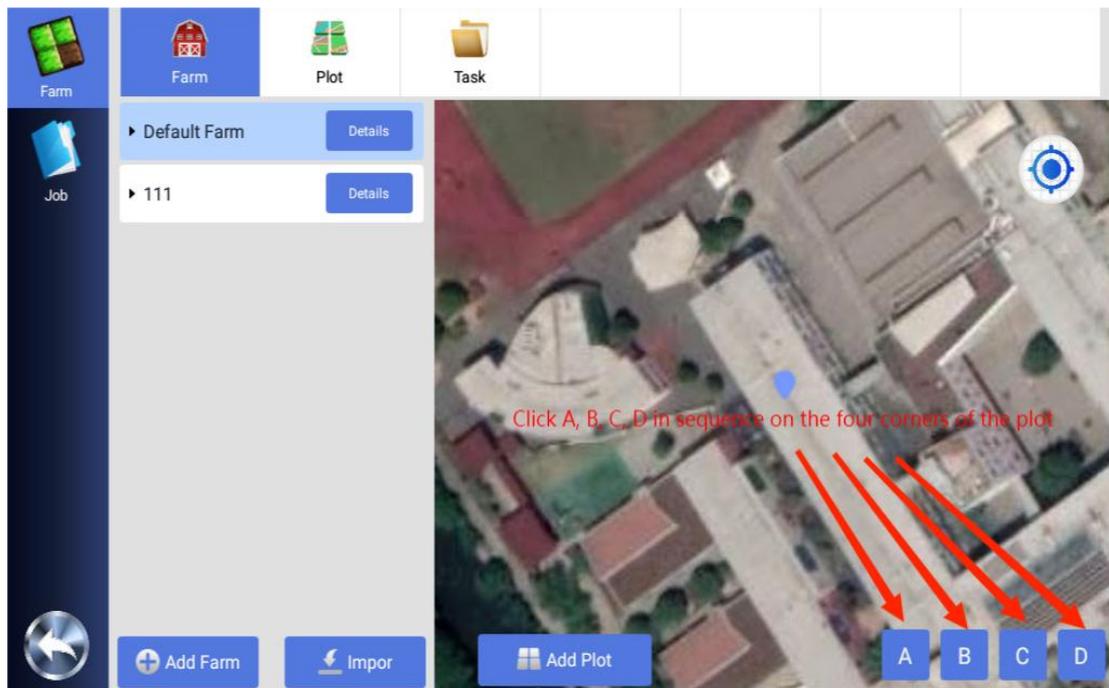
Turn on the U-shaped function. After clicking OK, return to the main interface.



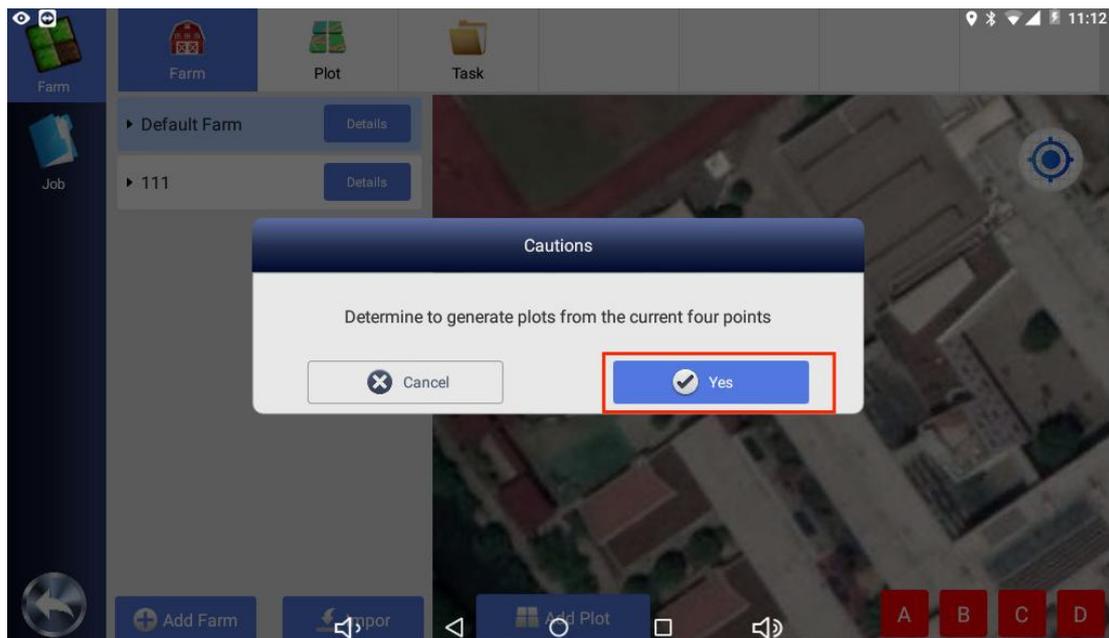


Name the plot, the distance is usually the middle of the vehicle, and then click OK.

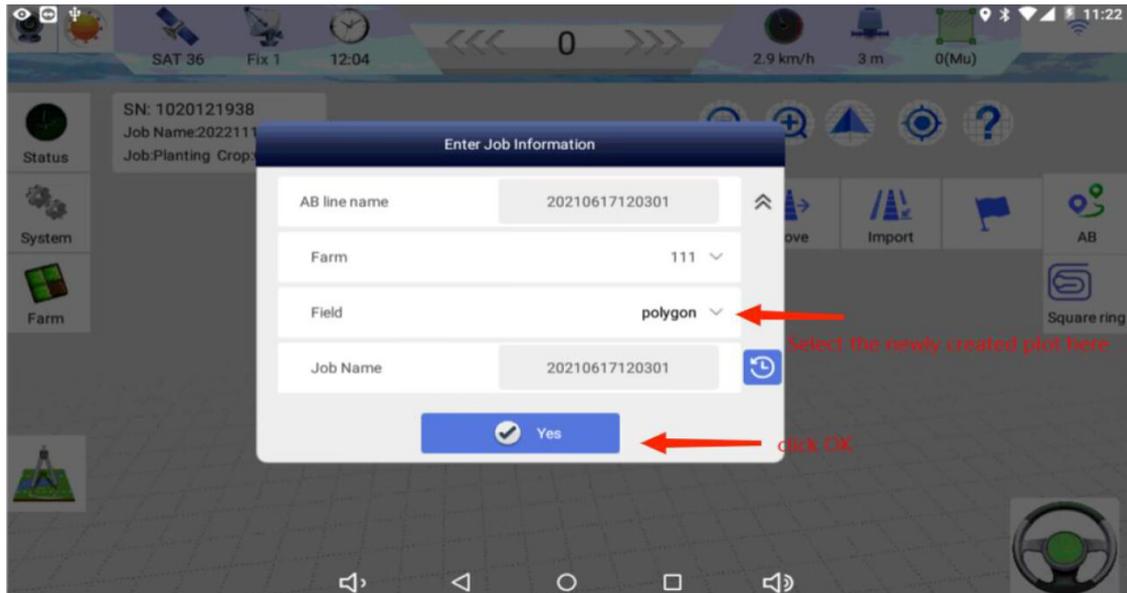
It can be seen that there are four turn buttons ABCD in the lower right corner. The vehicle moves **clockwise** along the plot to choose A when reaching the first corner of the ground, and choose B when arriving at the second corner. Choose C for the third point and D for the fourth point.



After selecting point D, click the OK button.



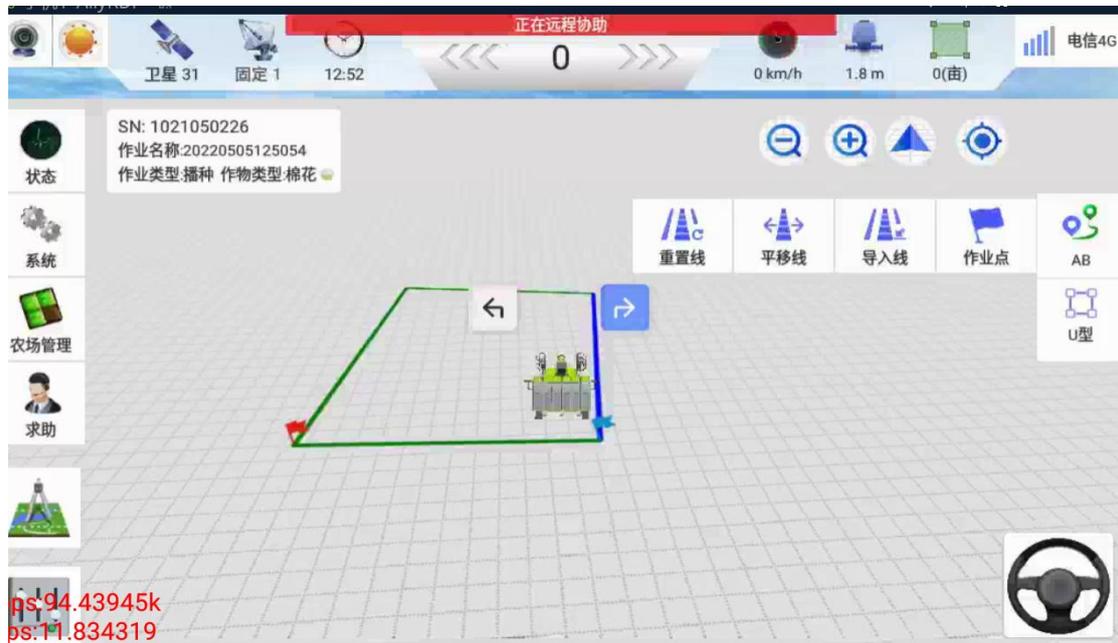
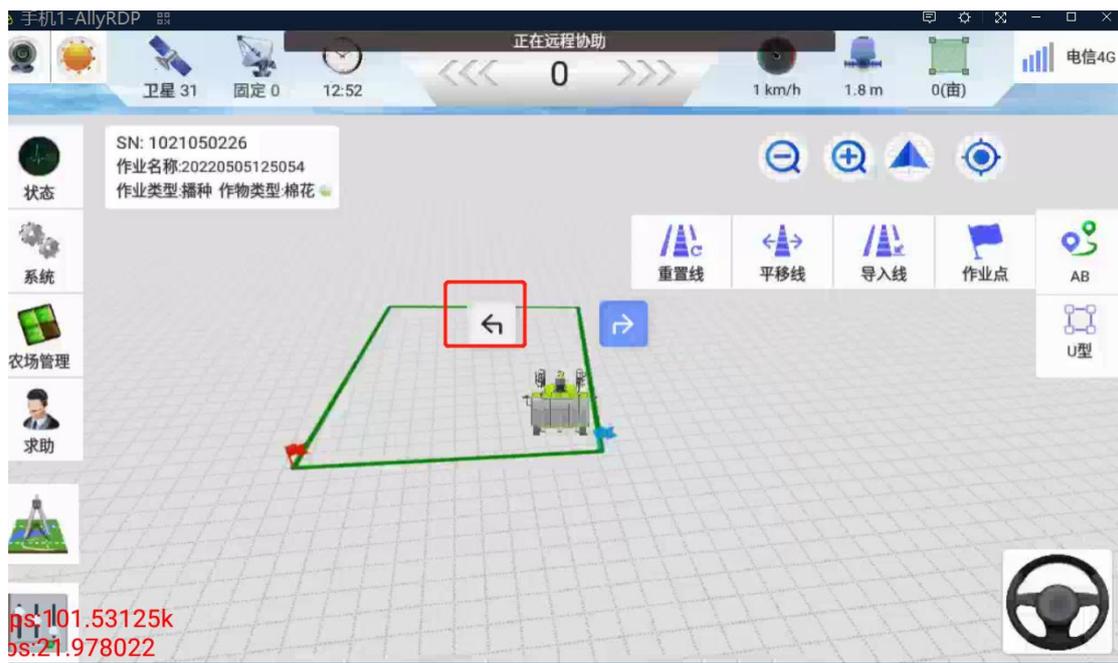
Click on the plot name to display the basic information of the plot. Then return to the main interface.



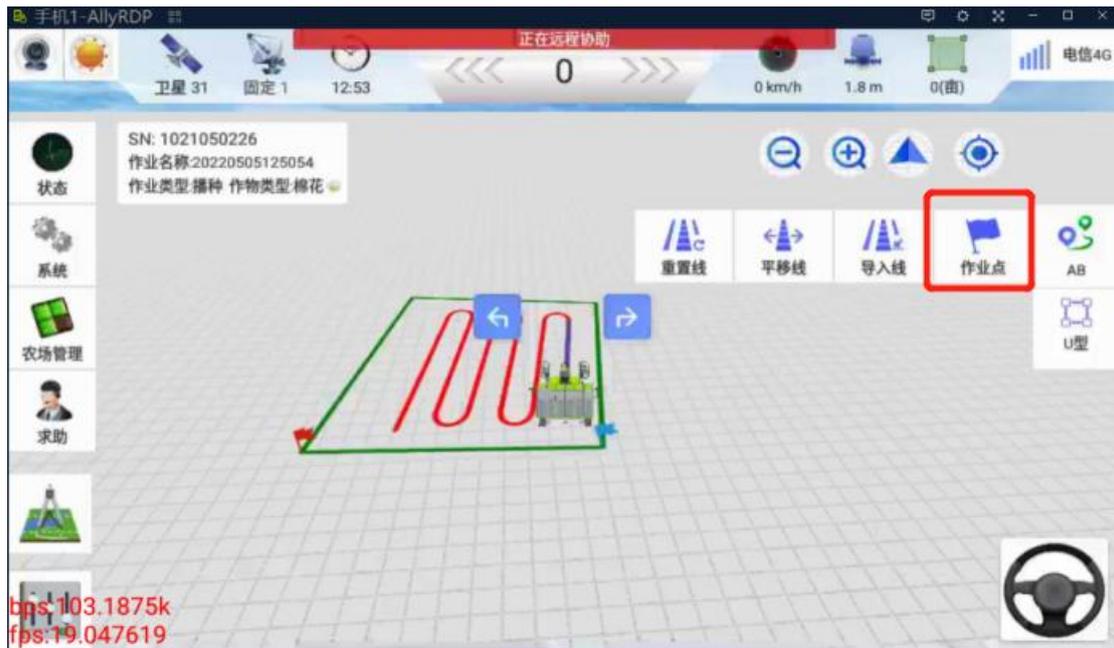
Click the U shape and a pop-up window for selecting plots will pop up, just select the newly added plots.



Then click the four-point planning pop-up window on the screen to set the safety boundary. The turning radius of ordinary high-speed riding rice transplanters is 1.8 meters, and the safety boundary is set to 1.8. The left and right boundary range can be set to 0.1~1.8, and the recommended setting value is about 0.5 meters to ensure safety.

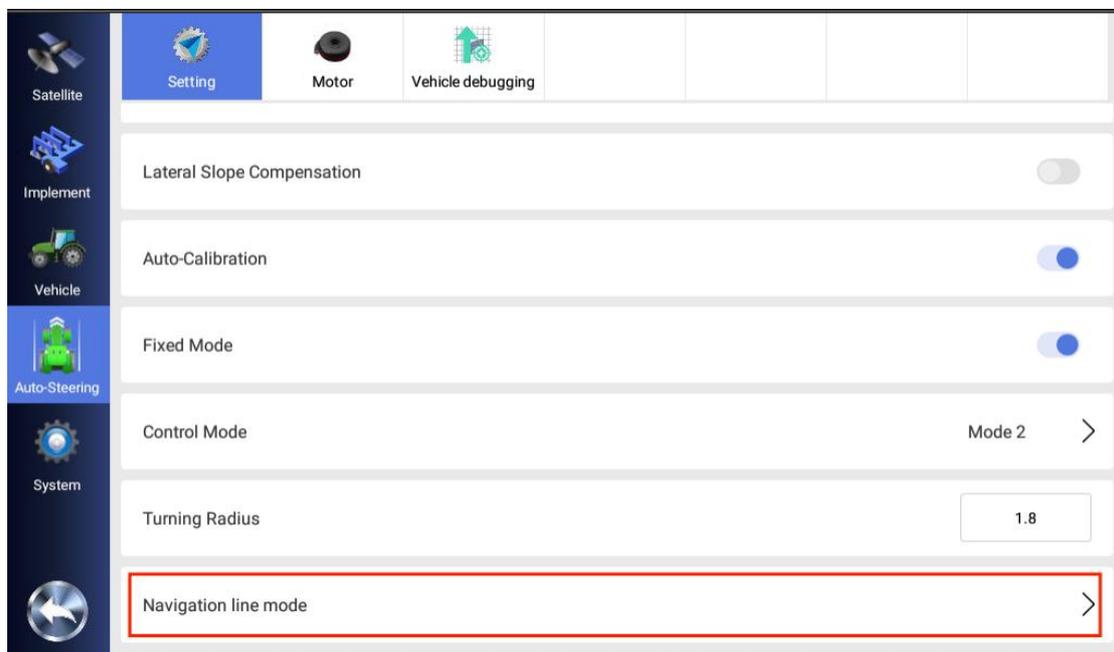


Park the vehicle in the plot, parallel to the basic operation line, double-click a border, and the operation line will be generated in parallel based on the strip operation line.

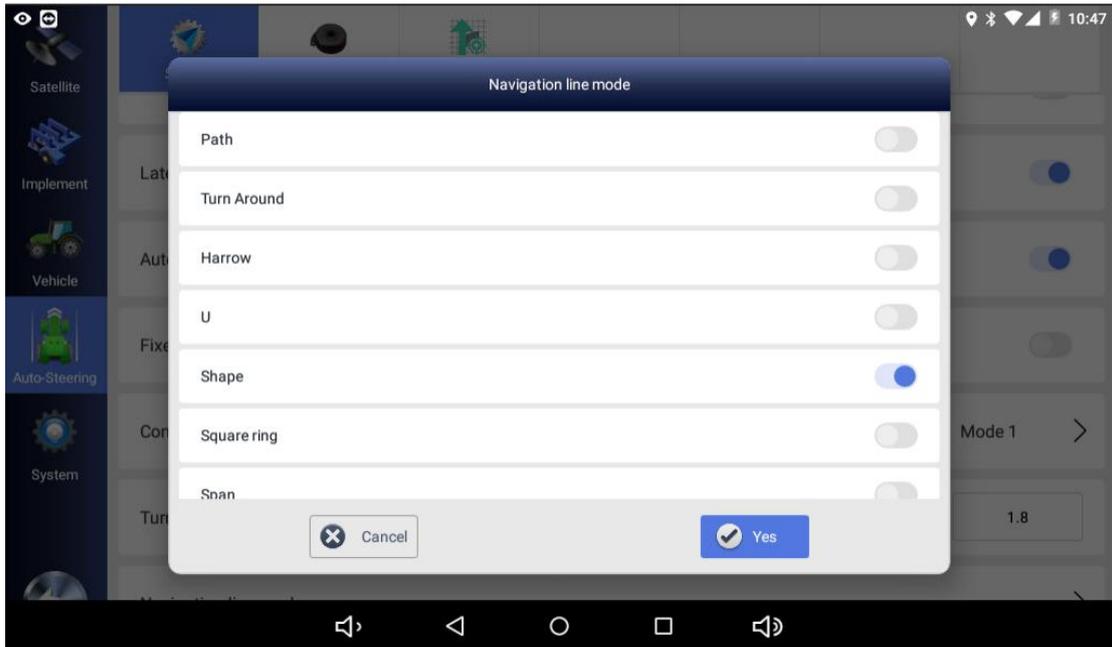


After selecting the working direction, as shown in the figure, if the vehicle is parked on the right side, the working direction is left, and if the vehicle is parked on the left side, the working direction is selected to be right. Click the operation point icon to generate the operation path.

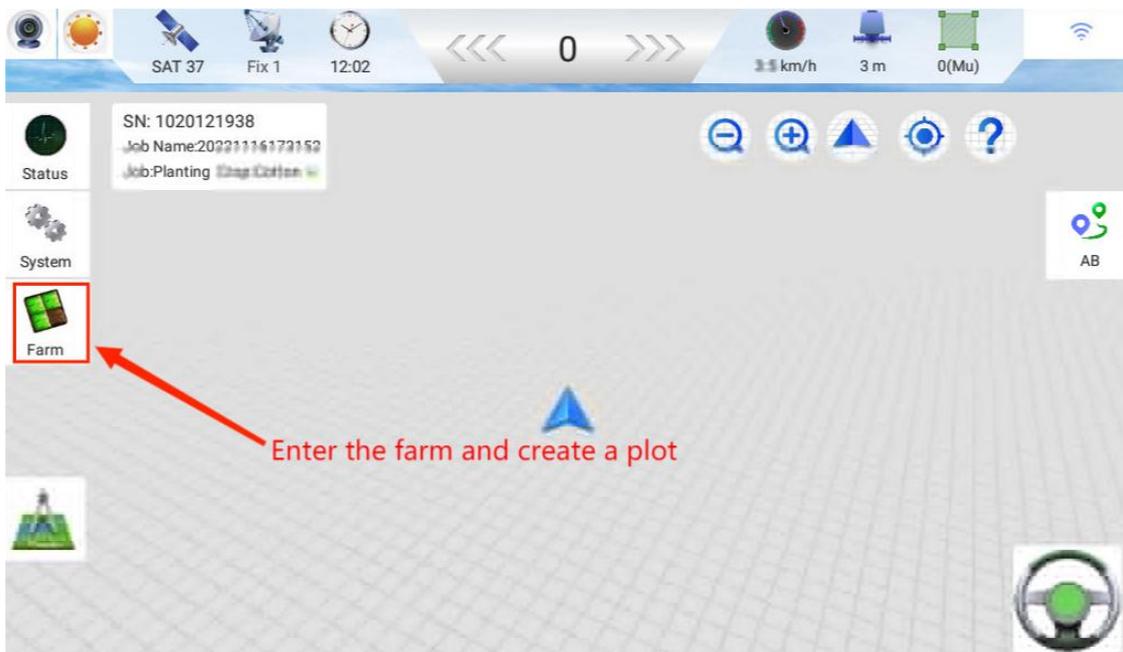
Zigzag homework

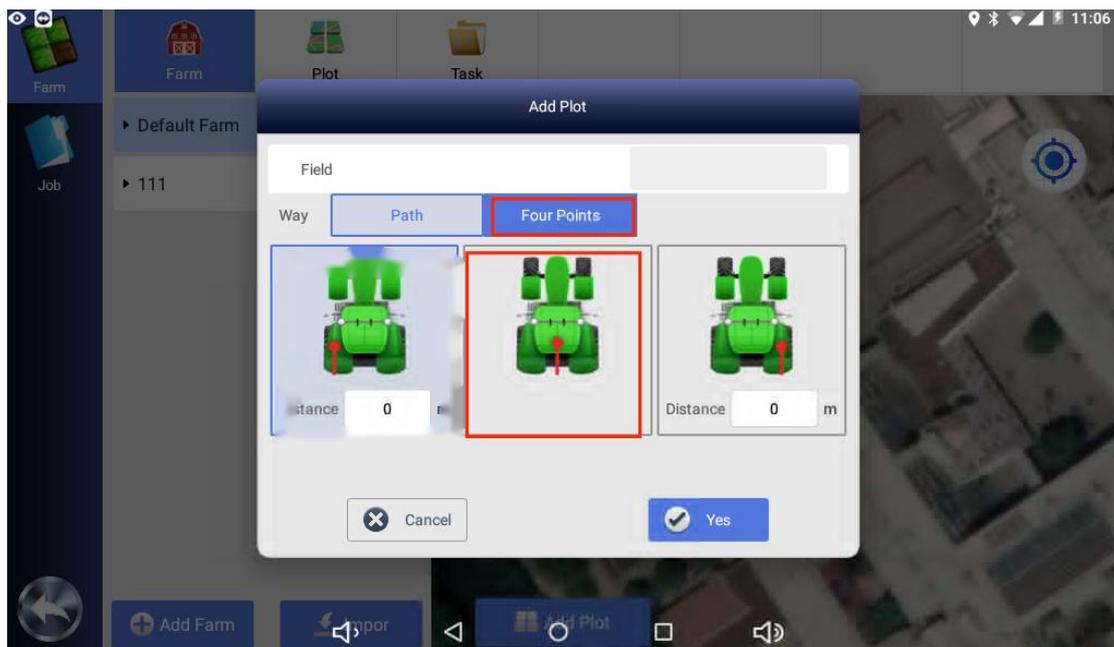
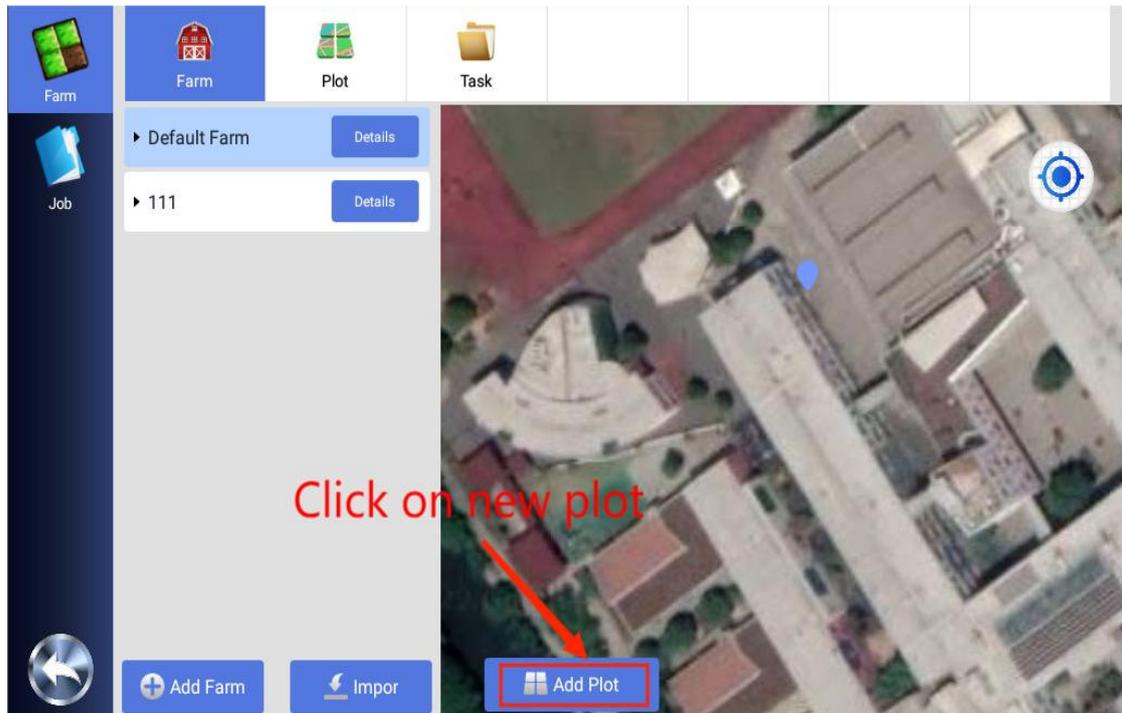


First, click on the autopilot interface to find the operation mode selection window.



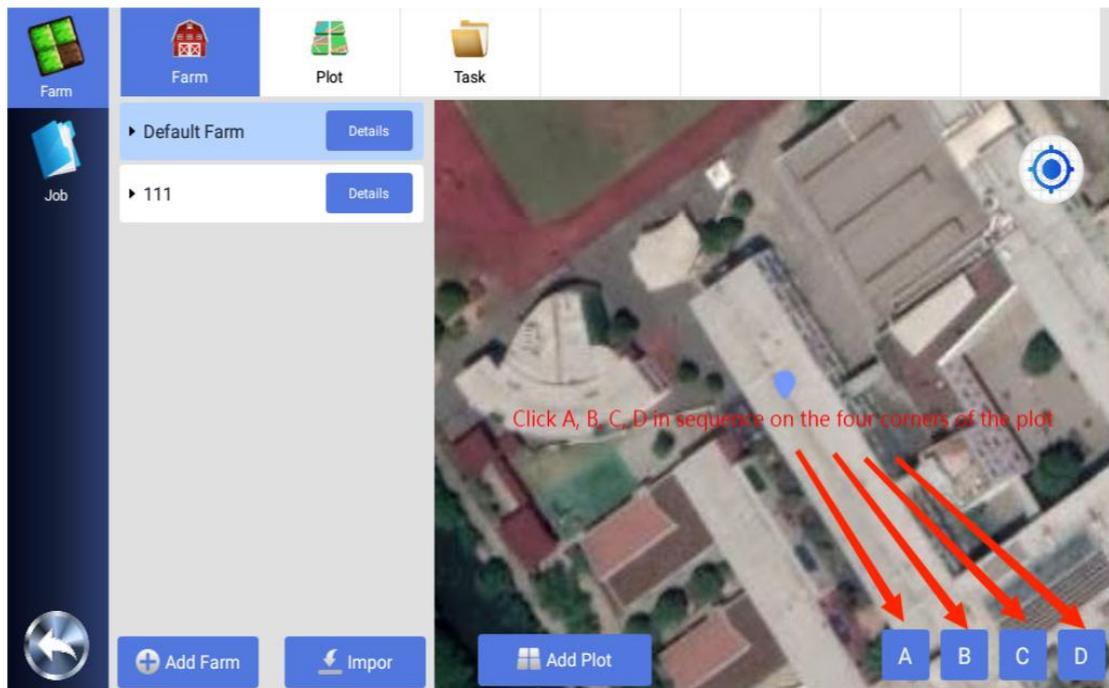
Turn on the front back function. After clicking OK, return to the main interface.



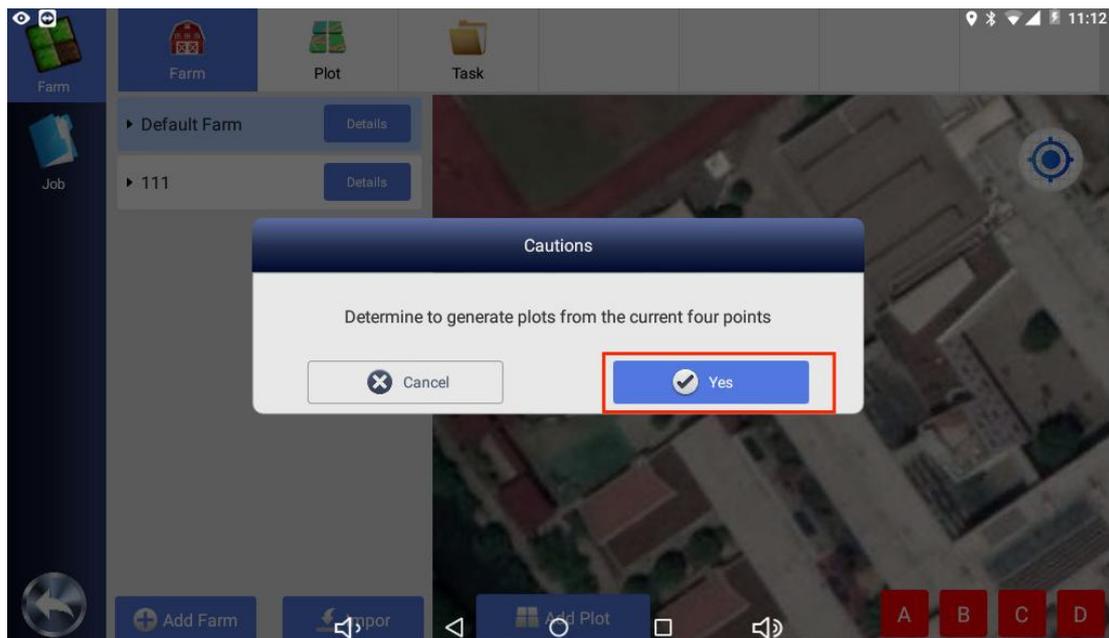


Name the plot, the distance is usually the middle of the vehicle, and then click OK.

It can be seen that there are four turn buttons ABCD in the lower right corner. The vehicle moves **clockwise** along the plot to choose A when reaching the first corner of the ground, and choose B when arriving at the second corner. Choose C for the third point and D for the fourth point.



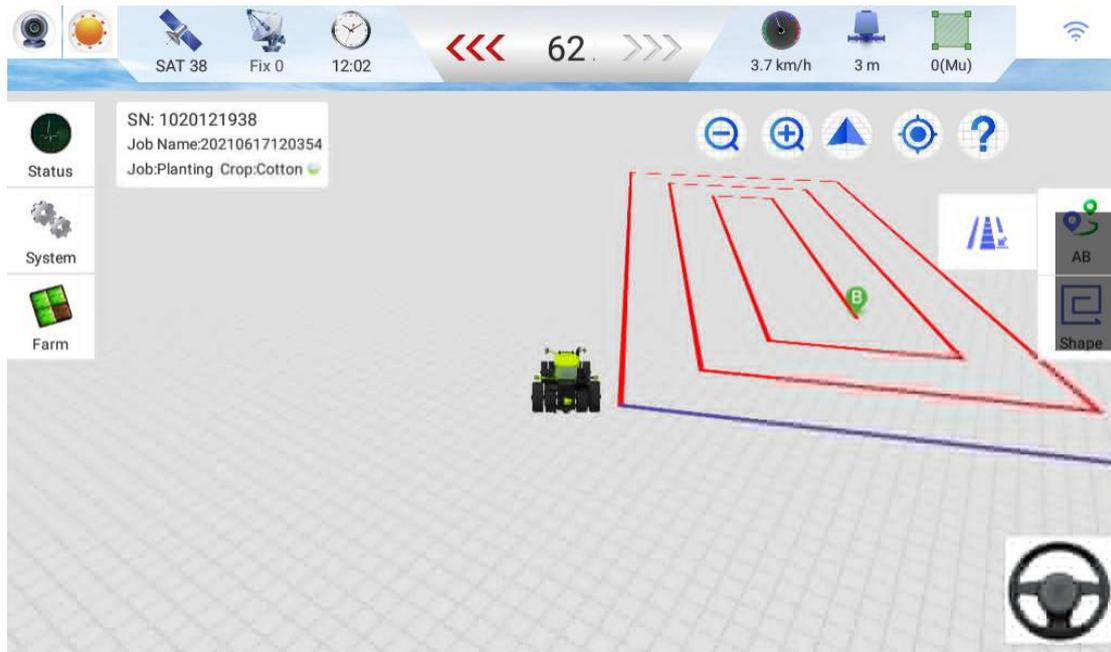
After selecting point D, click the OK button.



Click on the plot name to display the basic information of the plot. Then return to the main interface.



First select and click the AB button in the above picture, and then select the return button.



Navigation automatically generates inner back glyphs

Turning angle: This parameter is only effective under the harvesting locomotive model. During the right-angle turning process, after the size of the tire angle is calibrated, if you find that the turning angle is too small and there are missing cuts or seedlings, you can try to increase the turning angle. On the contrary, if the turning angle is too large, reduce the turning angle appropriately. If it is not effective, reduce the minimum tire angle parameter.

AB curve



After the car is parked, click point A

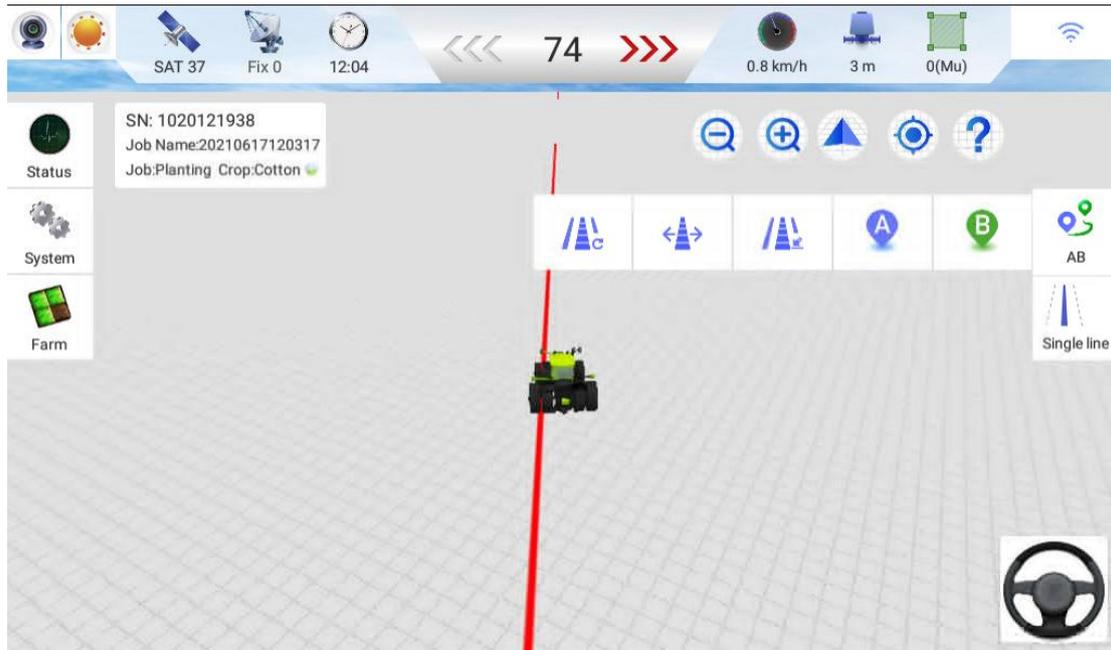


After arriving at point B, point B generates a curve



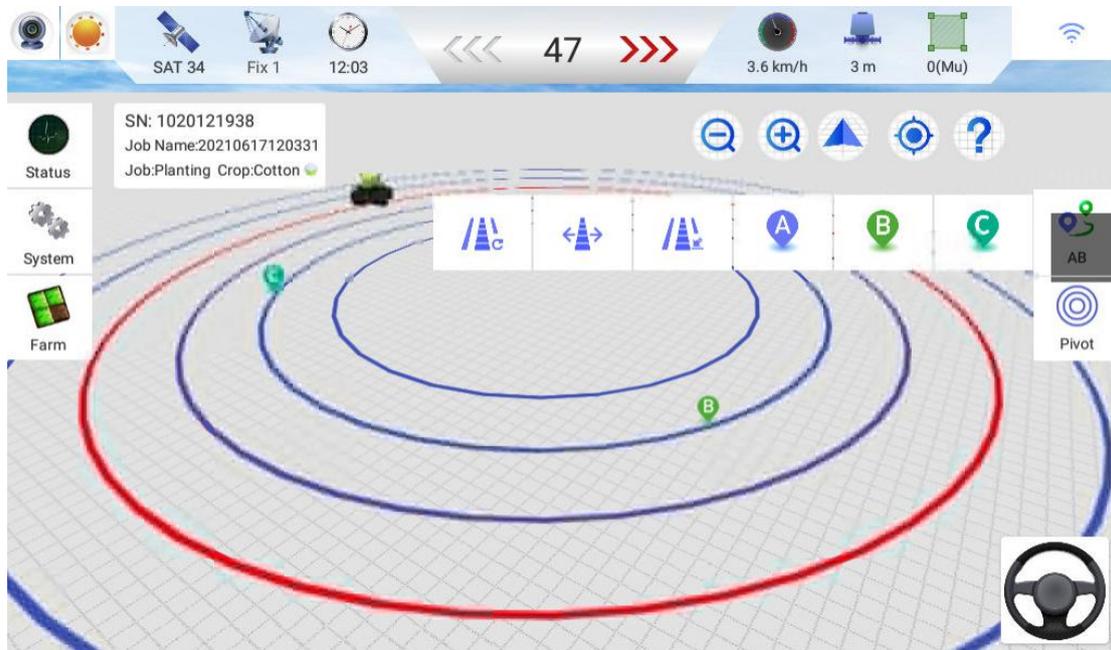
Single Line: Only one line is displayed on the screen

Park the tractor on this side of the land, point the front of the tractor towards the direction of work, click the "A" button on the screen, and set the  point. Drive the tractor along the direction of the front of the vehicle to the other end of the land and stop, click the "B" button on the screen to set the  point. Now enter the name of the line

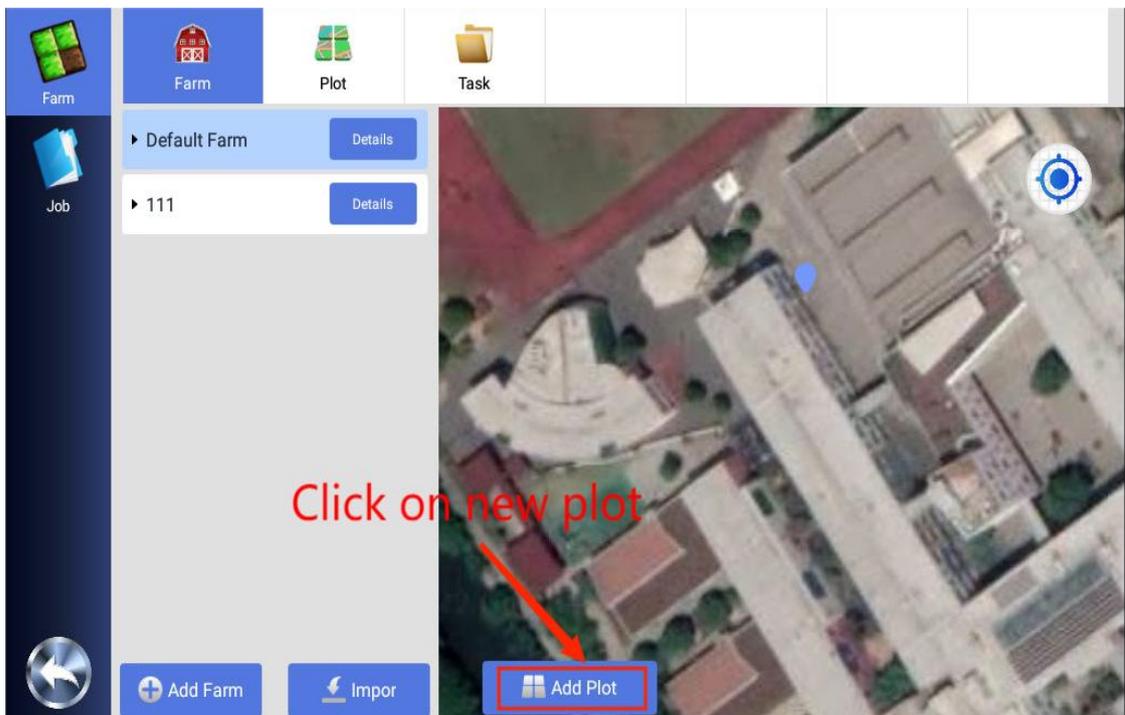
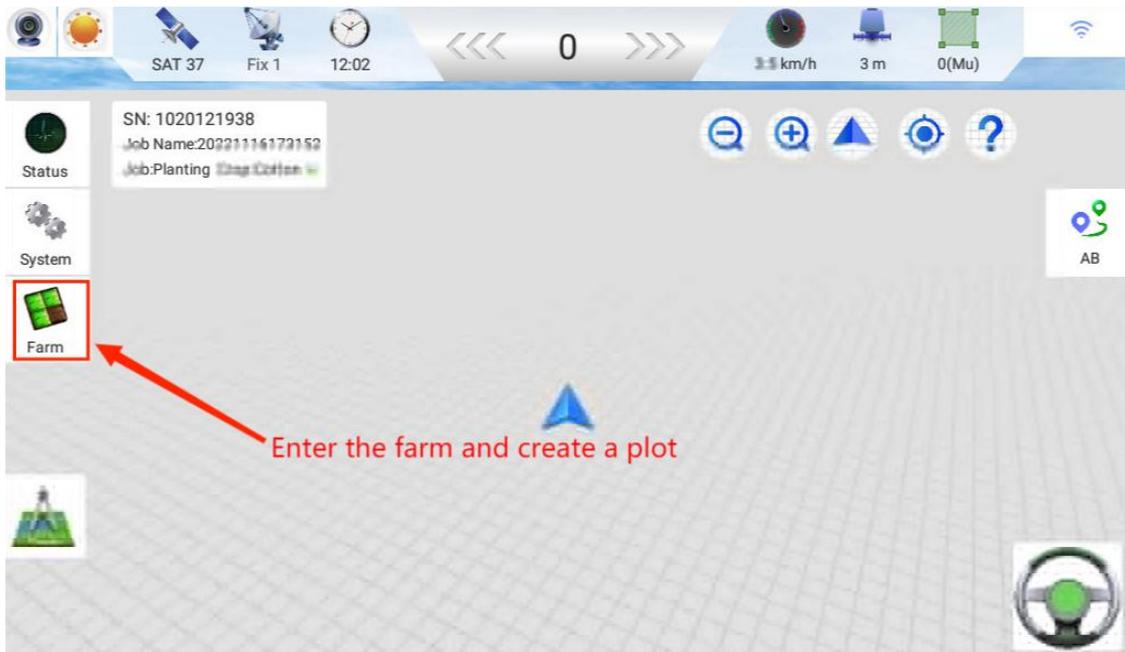


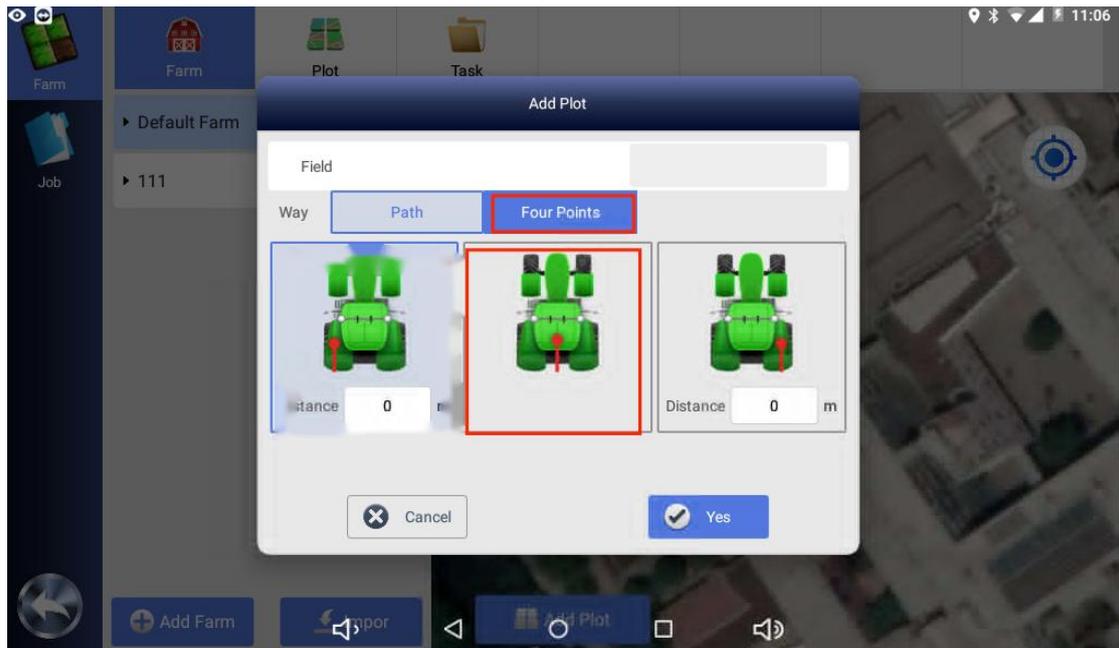
90 ° line, after laying the navigation line, click the 90 ° button to rotate the navigation line 90°

Concentric circles: click on ABC three points in a week to generate concentric circle navigation lines



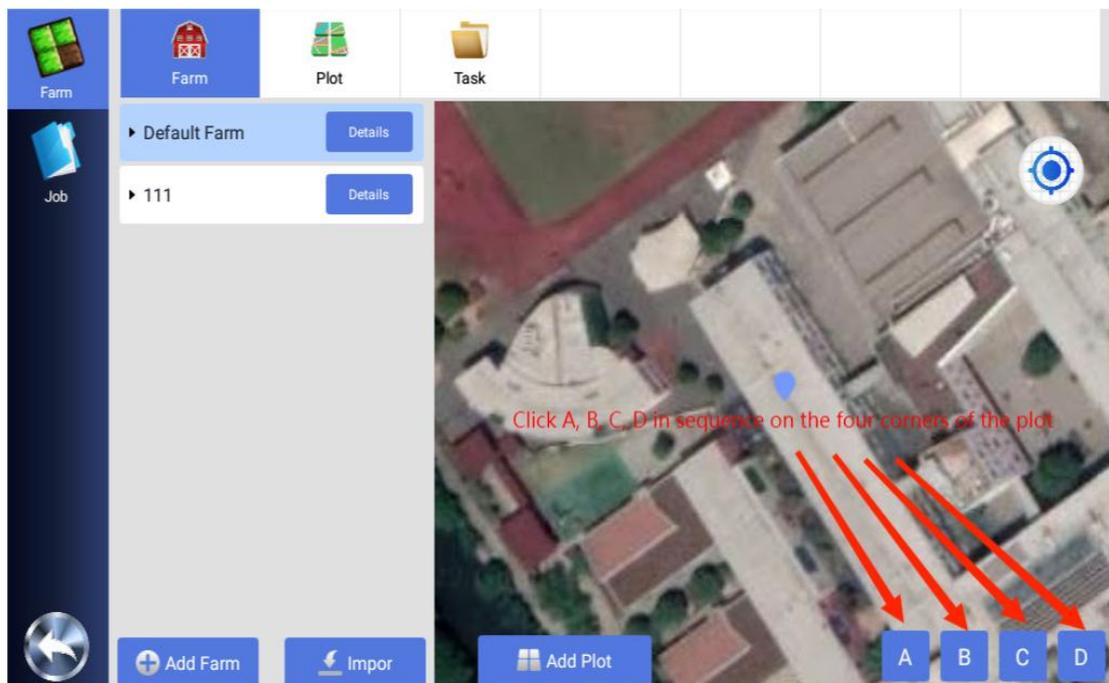
Ferrule:





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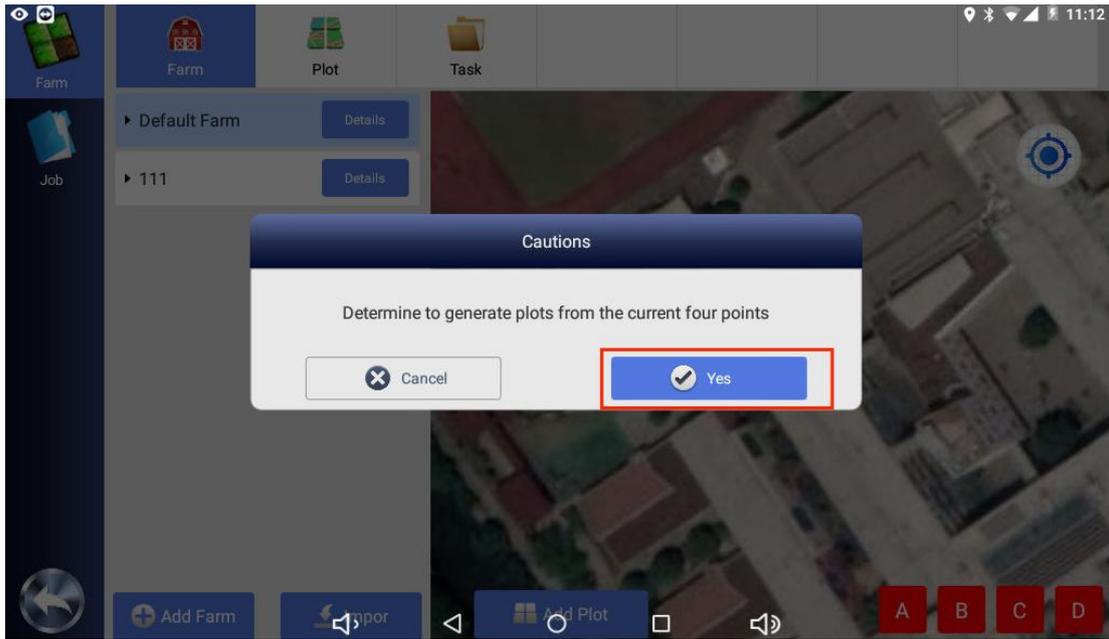
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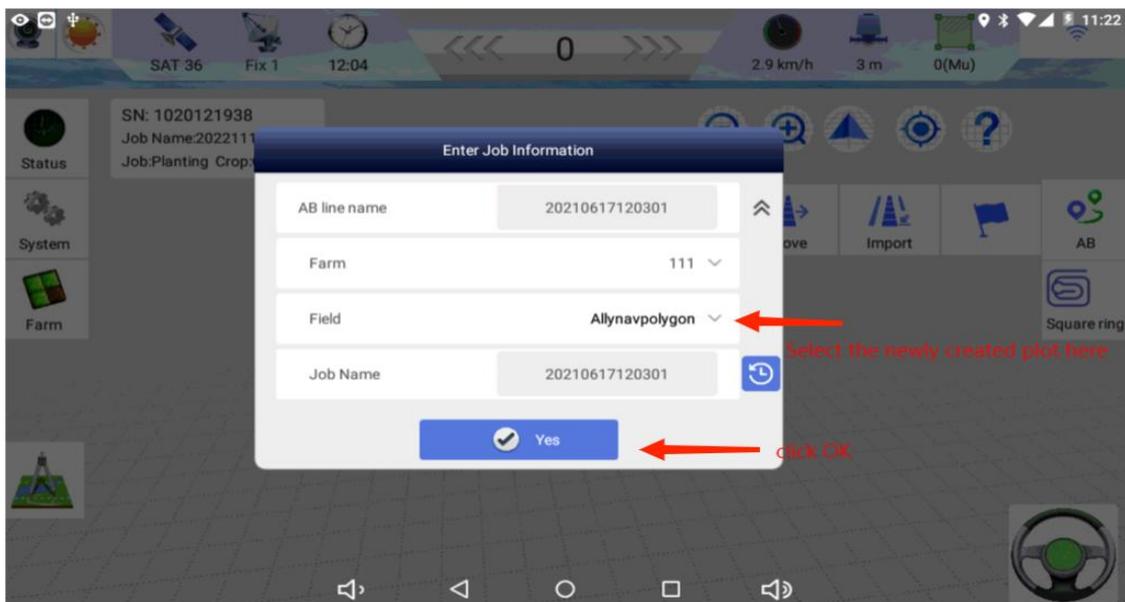
After selecting point D, click the OK button.

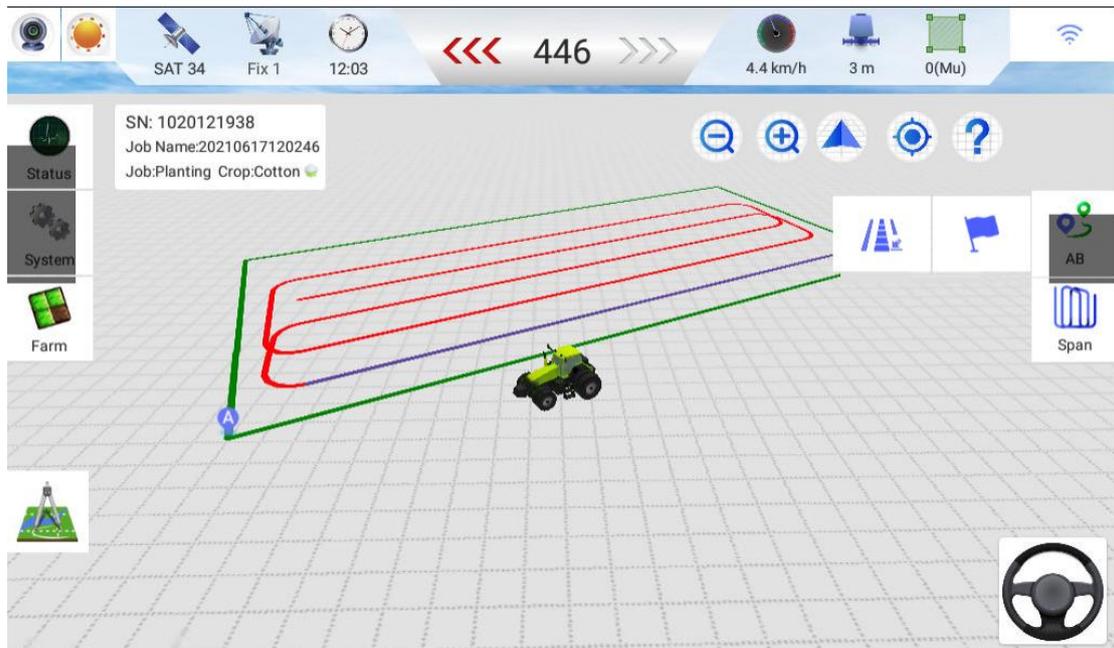
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District, Shenzhen Tel: +86-075586276295



Click on the plot name to display the basic information of the plot. Then return to the main interface.





Rake the ground: The current version is still being optimized and cannot be used temporarily