



## Marcos Esteve Pamias

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What do you like most about the combination of Metos and the Operations Center?

*"For me, a fundamental thing, and what I value the most when it comes to treating all the amount of data that I generate is that everything is integrated in the same system and to be able to start from a general vision to a more specific one. Logging in the Operations Center I can get a quick idea of the current meteorological conditions while I decide the operation that I am going to carry out."*

Pessl Instruments equipment in the field: your favorite use case and the solution used.

*"Currently I have the **iMETOS 3.3** weather station, which has become indispensable in my day to day life. Mainly the functions that I use the most are the localized weather forecast and the "spray window" function. This last tool guarantees a full effectiveness of the herbicides applied, since their effectiveness has been reduced over the years, generating resistance in the weed. Likewise, the prediction of diseases, the wind or work planning are my main source for decision-making, by achieving a data accuracy of more than 98% compared to mobile time applications."*

RoI (return on investment): results related to the use of precision agricultural equipment.

*"The return on the investment of the equipment is relatively fast, it can be amortized in less than 1 year, thanks to the improvement in the work planning. For example, if you apply a herbicide "not in the right moment", that could implies a double expense, so you save knowing the best moment."*

How important is real-time meteorological data to the daily operation of a farm? Give us some practical tips?

*"They are fundamental. How important is the real-time data of a formula 1? It is the homologous question of the field. The data is the best source of information to know what is happening at all times, detect problems and make the best decisions about performance and improve the efficiency of the processes, reducing unnecessary expenses and operations. For example, if you are spraying you can see in real time the variation of **Delta T**, humidity, wind speed, etc. to see the ideal conditions is keeping well"*

Where do you see the potential for precision agriculture in the future? How do you see the market movement? How important is real-time weather data to (semi) autonomous driving?

*"The potential of precision agriculture is that the same production can be obtained using fewer resources, reducing the consumption of fertilizers, CO2 emissions, etc. We must together reduce our environmental impact, but guarantee the viability of the business, and agriculture precision is a solution to both, at the same time that it will favor a generational change. I believe that real-time meteorological data for autonomous driving is essential to know if the machine should stop any operation, change fields, etc."*



JOHN DEERE