

Field Health Monitoring via Satellite

Orbit



Track the Plant Growth Remotely via Satellite

Orbit mobile application offers the chance to view day-to-day high-resolution satellite images of the field together with three types of growth maps generated regarding the crop's phenological stage and regional weather data. Users can track plant growth on a regular basis by comparing maps of different dates. While in the field, it is possible to keep records by means of taking location-specific photographs, adding notes and marking the areas of interest for engineers to visit. Additionally, Doktor's agricultural engineers specialized in satellite technologies can provide technical and agricultural feedbacks via the mobile application.

Field Control Map

Field Control Map examines the overall performance in the field and allows the farmer detect the areas that grow the best and areas that need attention the most. Field Control Map allows the user to view the areas that have the fastest and slowest growing rates at a glance.



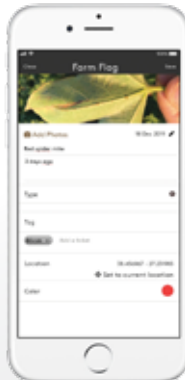
On-Site Record of Observations

During field visits or from outside of the field, it is possible to flag certain coordinates, add notes and photos whenever needed. The user can add notes regarding cultivation activities, label and group them as preferred.



Health Map

It is possible to track plant growth and identify problematic areas by observing color changes of the maps without having the need to visit the field. Tarlam365 allows the user to eliminate the risk of leaving some problems unnoticed, such as diseases, congestion of irrigation channels and plants of slower growth rate.



Difference Map

Difference Map displays weekly changes in individual fields. Changes reflected as progressing (blue), or regressing (purple). Difference Map is a good tool for tracking whether evasive actions, that were applied to low performing areas within the field, are working or not. Difference Map can also be used whether a crop has entered to the harvest cycle or not.

Contact us at digital@doktar.com for price quotations.