

Yuktix GidaBits®

Data driven farmer productivity

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- We provide data of volumetric water content in soil and how water level fluctuates in root zone to ensure root respiration
- provide data on when nutrients are absorbed in soil to avoid fruit cracking and discoloration
- Ensure flowering and make plan for ultimate pollination
- Give data of when disease and pest infestation start and increase
- provide when plant protection chemical absorbed by plants and provide best time in a day/week
- provide weather forecast data to ensure best time for sowing/transplanting, irrigation, fertilizer application and spraying
- we provide when to irrigate and how much quantity of water to irrigate in your plot (liter /plant)
- provide water quantity present in plot
- give how many hours to do irrigation
- stop losses of your water-soluble fertilizer
- we stop wilting fungus/disease growth in your soil/plot
- Increase soil beneficial microorganisms in your plot
- stop fruit loss/cracking due to nutrition shortage in your plot (like calcium, boron, & magnesium)
- provide best time for chemical spray in a day
- provide chemical spray forecast for a week
- provide when disease/pest risk in your plot
- Ensure what activity should do in your plot by giving weather forecast data
 - Activities like When to plough, sowing
 - which fertilizer and chemical to apply
 - When to harvest
- We provide advisory on how much quantity to irrigate and how much time to irrigate
- provide when to spray chemical for best results
- schedule best spray time for a week
- provide which disease/pest affects and give general advisory
- provide what activities to plan by weather forecast
 - Activities like ploughing, sowing, chemical selection and spraying, irrigation