

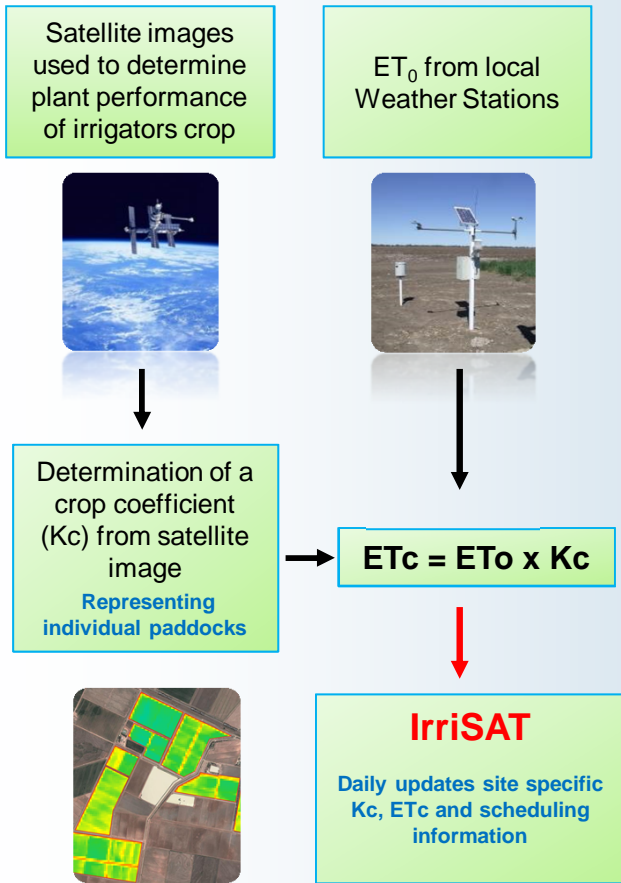
IrrisAT – weather based scheduling and benchmarking technology

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What is it?

IrrisAT is a weather based irrigation scheduling and crop benchmarking tool that uses remote sensing to provide site specific crop management information across large scales at relatively low cost.

How does it work?



Uses of IrrisAT

- 1) Determine seasonal and daily crop water use (Figure 1).
- 2) Forecast daily crop water use. IrrisAT predicts crop water use for the coming seven days (Figure 2).
- 3) Examine spatial variability in Kc and ETc across a field or multiple fields over a region (Figure 3).
- 4) Benchmark Crop Water Use across a farm and region (Figure 4).

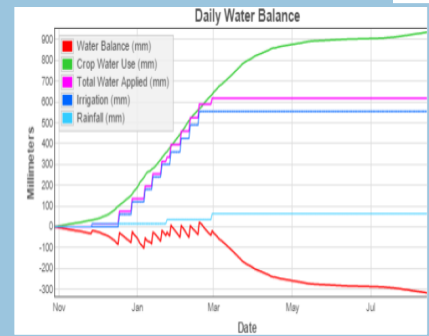


Figure 1: Water balance for irrigation field



Figure 2: Seven day Etc forecast

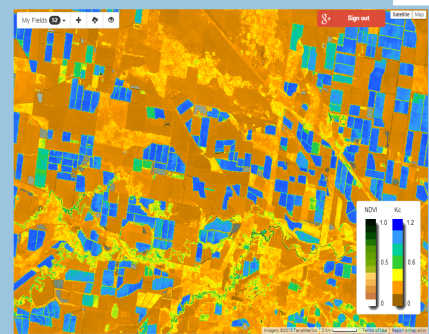


Figure 3: Variation in Kc across a region

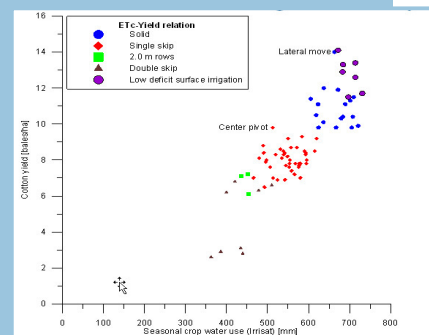


Figure 4: Benchmarking crop productivity

<https://irrisat-cloud.appspot.com>

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