Optimum requirements and utilisation of water for irrigated crops.

Central Board of Irrigation and Power - Corn Water Use and Irrigation Timing

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How to Determine Crop Water Requirements?

The ET values vary with crop type and changes throughout the season.

Improving Water Use Efficiency (WUE)

Commercialization of XtendFlex® soybeans is dependent on multiple factors, including successful conclusion of the regulatory process. Irrigation scheduling can be established by using several approaches: based on soil- water measurements, soil-water balance estimates and plant stress indicators, in combination with simple rules or very sophisticated models. Dicamba will kill crops that are not tolerant to dicamba.

How to Determine Crop Water Requirements?

While longer-season corn products use more water, they may also have a higher yield potential if heat units and adequate water are available. Therefore, optimum utilization of irrigation generally means, getting maximum yield with any amount of water. In addition, due to the unique cropping practices do not plant HarvXtra® Alfalfa with Roundup Ready® Technology in Imperial County, California, pending import approval and until Forage Genetics International, LLC FGI grants express permission for such planting.

Technical manual for “Crop water requirements and irrigation scheduling”

Do your part during these years of drought by managing and maintaining your irrigation system. Crop water requirements vary depending on growth stage.

How to Determine Crop Water Requirements?

Irrigation is used to create an optimal soil moisture regime for maximizing crop production and quality while at the same time minimizing the environmental degradation. It forms the sole means for optimising agricultural production and for conserving water and it is the key to improving performance and sustainability of the irrigation systems.

Development of optimal irrigation schedules and crop water production function for cassava: study over three major growing areas in India

With 80 kg N ha -1, N use efficiency increased up to 300 mm water supply on sandy loam soil.

Optimum Utilization of Irrigation Water

Therefore, along with selection of crops special care should be taken for irrigation scheduling of these crops.

Related Books

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