



Farming Better

Farming, not an easy job in the first place, now requires more analytics and technology to meet the increasing demand for food. In one case, in California, mathematicians, hydrologists, and farmers met to design a plan that would minimize water used for crops but still make a profit for the farmers and meet consumer demand. The mathematical model that was created incorporated data such as plant growth properties and water requirements of different crops to identify which ones to plant, the best time to plant them, and which areas to leave unplanted. The farmers were happy to use their own resources and those of the community wisely, while the mathematicians were happy to work with experts in the field.



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