



GROWER RESOURCE GUIDE: CROP RESEARCH - COTTON

The San Joaquin Sustainable Farming Project has created a grower resource guide to help growers navigate useful topics and ideas and sustainable practices from on-line resources. Each topic contains general information and where to find current and pertinent materials and web links to that information. We hope you will find these documents worthwhile and convenient to use.

Cotton Incorporated states “U.S. cotton producers have over the past 40 years embraced new methods and innovations that have reduced pesticide applications by 50%, reduced irrigated water applications by 45%, and increased fiber production without expanding acreage. Research has also played a significant role in developing uses for the cotton plant, including its ginning byproducts, thereby reducing and eliminating what had once been considered to be bio-waste. Ongoing areas of research include ways of enhancing the innate drought tolerance of cotton plants, as well as their resistance to predatory pests. These environmental advances, and the pursuit of additional ones like them, are enabling the cotton industry to fulfill the demands of present—and future—generations, making the cotton industry a key player in a sustainable future.”

[University of California Cotton Research and Information](#) provides up to date information and guidelines for California cotton growers. This includes variety selection information, cost studies, Fusarium wilt data as well as information on plant mapping and the latest newsletter.

[California Cotton Ginners & Growers Associations](#) provides information on cotton production, seed varieties and codes, a general cotton research database, as well as industry and regulatory links.

[UC researchers Dr. Robert Hutmacher and Dr. Larry Godfrey conduct research on cotton.](#) Dr. Hutmacher’s research includes such topics as cotton variety trials, Fusarium Race 4 genetics and a cotton ginning laboratory. Dr. Godfrey, entomologist is conducting pesticide trials for thrips and bioassay for lygus.

[The National Cotton Council](#) website offers information on cotton economics, educational publications including statistics and technical information on production, quality, biotechnology, pollinator preservation and much more.

University of California resources include:

[Cotton Pest Management Guidelines](#)

[Cotton Year Round Plan](#)

[The San Joaquin Sustainable Farming Project blog](#) provides a unique ground-level perspective from the field. Our mission is to promote sustainable farming systems throughout the Central Valley and provide you with the latest information about cotton, almond and alfalfa crops.

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