RESEARCH AGENDA

THE DEVELOPMENT OF INDUSTRIAL HEMP CROPS FOR NEW YORK

Industrial hemp is an important new crop that may contribute to economic development in Upstate New York. Products from hemp include fiber for textiles and insulation, healthy hempseed oil, animal bedding, and novel medicinal products. To realize its potential, research and extension are needed to ensure optimal crop productivity and quality.

RESEARCH NEEDS

• Understand best growing practices for hemp in New York, including seeding rates, best soil types, fertilizer rates, weed management, and optimal time to harvest.

• Identify best varieties for New York environmental conditions. This should include trials to evaluate yields of varieties selected for fiber production, hempseed oil, and varieties that are selected for both fiber and oil.

• Identify barriers to production, including seed quality, diseases, insect pests, and seed-eating birds at sites across New York, and provide science-based solutions to these barriers.

EXTENSION NEEDS

• Specialized Cornell Cooperative Extension personnel who can provide research-based information, programs, and technical assistance to growers around the State.

• Produce fact sheets, grower manuals, and internet resources.

• Analyze and provide information on markets and end-product value.

FOR MORE INFORMATION:
visit our website at https://sips.cals.cornell.edu/extension-outreach/industrial-hemp