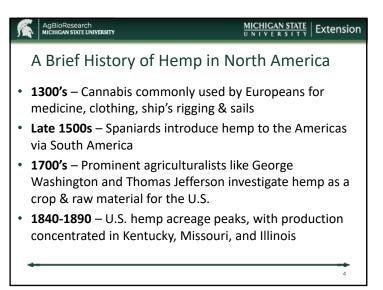


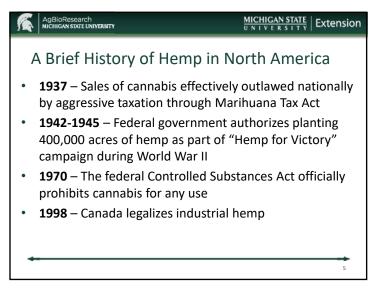
AgBioResearch MICHIGAN STATE Extension

Outline

Brief History of Hemp in North America
Relevant Laws and Regulations
Varieties
Uses and Markets
Agronomy
Economics

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A Brief History of Hemp in North America

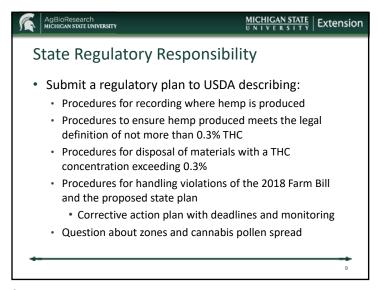
• 2012-present – 10 states pass laws legalizing recreational marijuana, some including hemp

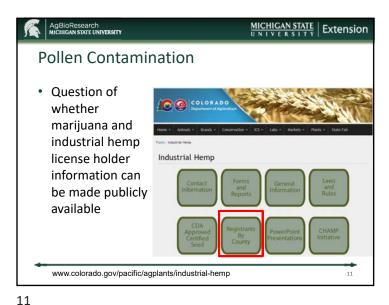
• 2014 – U.S. Farm Bill and MI laws remove "industrial hemp" from legal definition of marihuana, authorize regulated research by states and universities

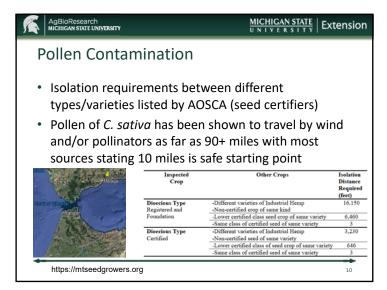
• 2014-2018 – 40 States legalize industrial hemp

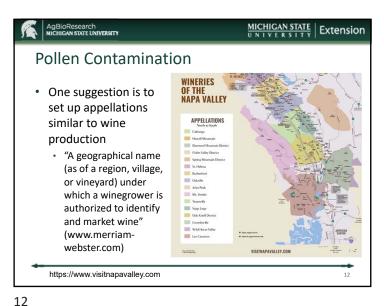
• 2018 – Federal legalization of industrial hemp production in U.S. Farm Bill opens door for redevelopment of domestic hemp industry



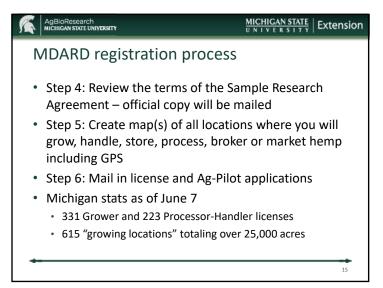


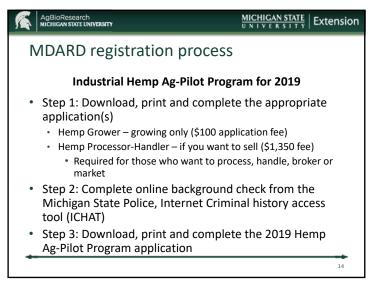




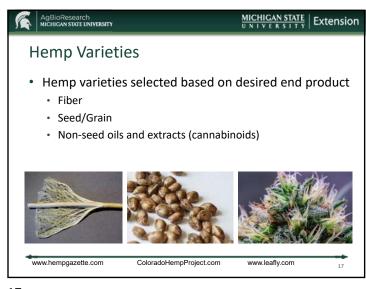


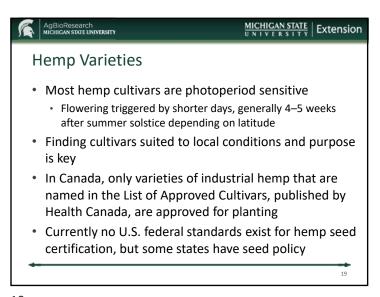


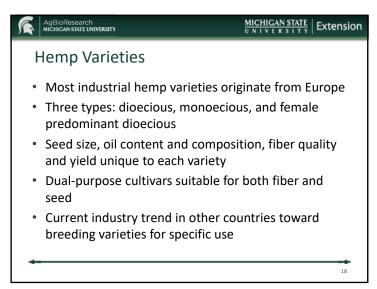


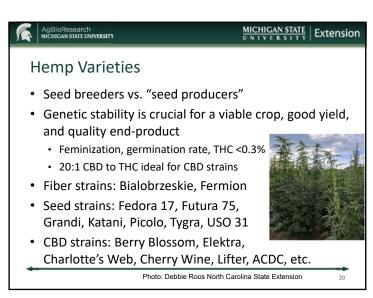




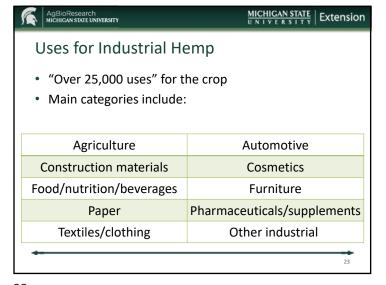










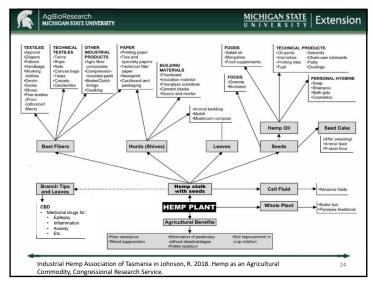


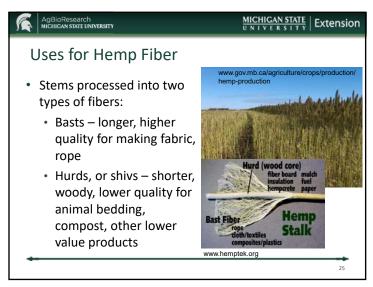
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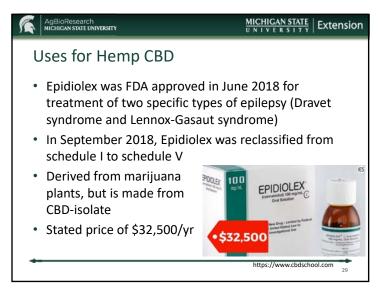




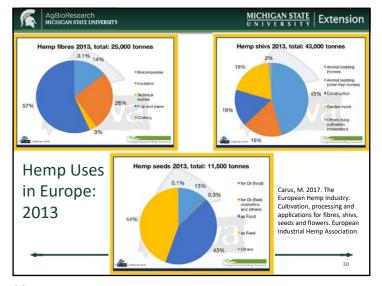


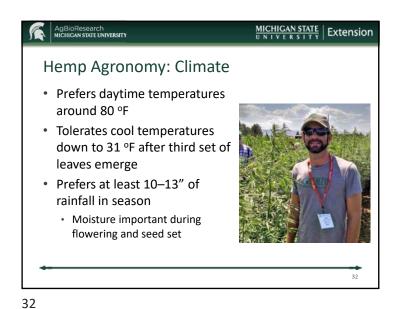




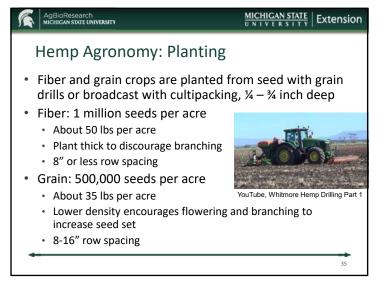












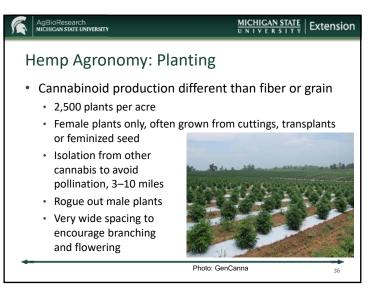
Hemp Agronomy: Site Preparation

• Plant in April or May after soil temps warm to greater than 46 °F

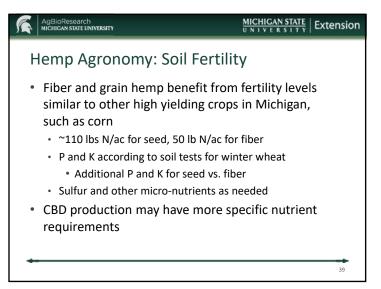
• Do not plant after early June due to day length sensitivity

• Tillage generally recommended, but no-till can work with even moisture and good seed to soil contact

• CBD systems often utilize plastic mulch, irrigation and cuttings or transplants







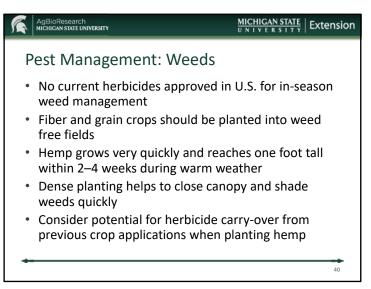
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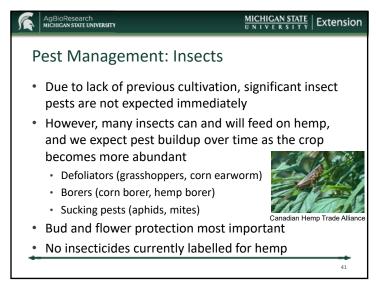
Extension

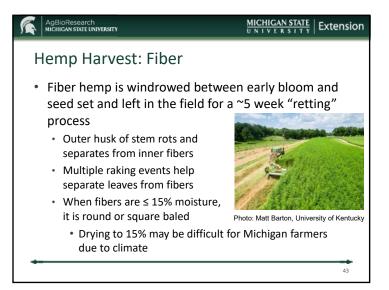
Hemp Agronomy: Planting

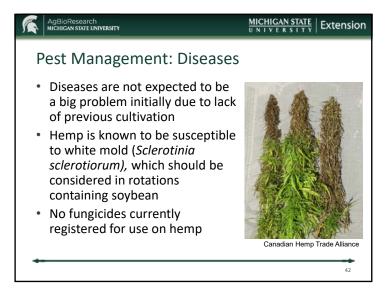
• CBD hemp demo plots planted June 23

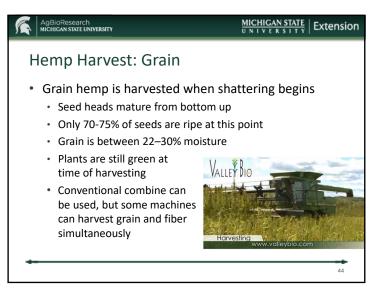
• Plants vs direct seed, 2' vs 3' spacing, plastic vs fabric, other?



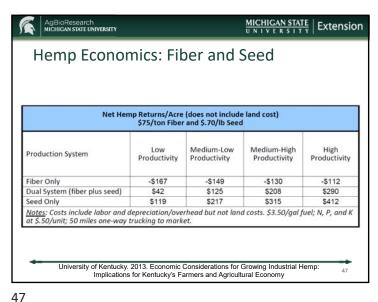












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