

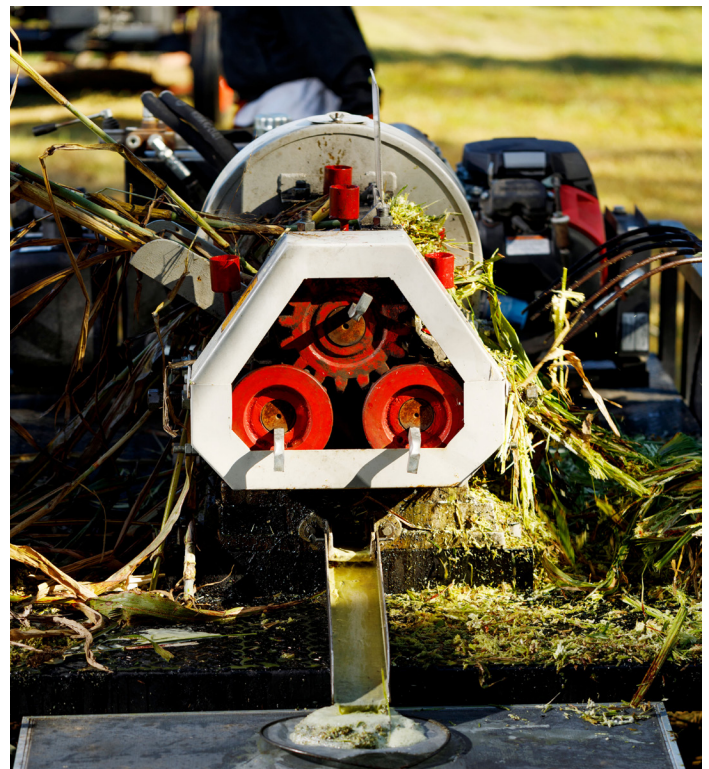
# Sorghum Cane Crushing Mill – Kentucky State University

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According to the University of Kentucky's Center for Crop Diversity, the state of Kentucky leads our nation in the production of sweet sorghum syrup and along with regional neighboring states produce 90% of domestic sorghum syrup in the USA. Sweet sorghum syrup produced in Kentucky in 2008 was worth upwards of \$12,000,000. [1] Kentucky State University's Cooperative Extension Program seeks to provide a solution to the limited resources of small-scale farmers starting sorghum production in Kentucky as a part of our strategic plan. Kentucky State University's Center for Sustainability of Farms and Families (CSFF) can help small farmers develop alternative enterprises by reducing the startup costs of sorghum production.

Kentucky State University's (KSU) Sorghum Cane Crushing Mill was commercially engineered and manufactured to enable small farmers to efficiently maximize the processing of sorghum cane into sorghum juice used to cook into sweet sorghum syrup or other products. The mill has a 10-HP Gasoline Engine which powers a hydraulic system driving the three crushing rollers which are capable of crushing up to 1,325 lbs. (600 kgs) of sweet sorghum cane per hour according to the manufacturer (actual results may vary due to variety of sorghum, settings, and conditions). The KSU Mill Coordinator will deliver and



provide operation and safety training to user clients. Limited resource small scale farmers within Kentucky that own their farm and are interested in raising sorghum as an alternate crop to diversify their agricultural production may request the use of KSU's Sorghum Press Mill by calling the Mill Coordinator (Thomas Trivette) to schedule delivery of the mill free of charge as a service of our Cooperative Extension Program at KSU.

## Reference

[1] <https://www.uky.edu/ccd/production/crop-resources/GFFOF/sorghum>



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