Hop Growers of Michigan Update

- We've come a long way, baby!
- From initial interest and discussions in 2007 & 2008
- ➤ To the first wave of commercial plantings thru 2014 ~400 acres
- ➤ To NOW! 2018 w/ ~800 acres and regional production facilities







Hop Growers of Michigan Update

MISSION Hop Growers of Michigan makes a positive difference in Michigan's hop industry by providing educational opportunities and research for better hop production and processing, as well as advocating for and promoting the use of Michigan grown hops.

- Feb. 2014 formation of 501(c)5 non-profit
- 7 person board w/ 4 officers and 3 M.A.L.
- Several Subcommittees:
 - Education Marketing Financial –funding/grants
- General Assemblies (1-2) + Annual Meeting
- 2018 4 new board members





@ 2013

HGM Accomplishments

- ➤ Annually Several Farm Tours per Spring / Summer Season Past couple years partnered with MSU for an IPM session at farms
- ➤ Sponsoring GLHBC & Presence at MBG events and members attending American Hop Conference for HGM updates
- 2017 1st Annual Michigan Chinook Cup
- 2016-2018 1st Specialty Crop Block Grantquality and food safety program
- 2017-2019 2nd SCBG Downy Mildew Research





Michigan's Hop Quality Program

- Specialty Crop Block Grant award from USDA
 - through MDARD (MI Department of Agriculture & Rural Development)
 - Fall 2016
 - to create a food safety and quality program
 - Goal: increase brewers' confidence in MI hops
 - Become a trusted supply region/state
 - Establish/adopt a verification process
 - Increase sales





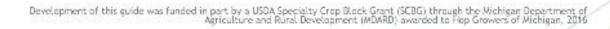


Growers Quality Standards and Requirements

Hop Growers of Michigan

2017

Beta: Version 1.0





HGA Grower Quality Standards and Requirements y 1.0

This Guide is available at: http://hopgrowersofmichigan.com/quality/





food systems for a healthier world

Grower Audit Checklist: Categories

Documentation:

Policy, Record Keeping, Reporting

Growing:

- Hopyard & Farming
- Health & Human Safety
- Includes HGA Module I: Food Safety

Harvest Center:

- Harvesting
- Drying, Cooling & Baling
- Storage & Transportation









Hop Processing Guide: Standards & Process Control

Hop Growers of Michigan 2017

Development of this guide was funded in part by a USDA Specialty Crop Block Grant (SCBG) through the Michigan Department of Agriculture and Rural Development (MDARD)



This Guide is available at: http://hopgrowersofmichigan.com/quality/



©2017

food systems for a healthier world

Processor Audit Checklist: Categories

- Bale Supply
- Bale Breaking
- Conveyance & Handling
- Milling (Grinding)
- Blending/Batching
- Pellet Processing (Extruding)
- Sifting/Rework
- Cooling
- Holding/Binning/Blending
- Packaging
- Storage





Michigan Hop Quality Program

- 2018 Workplan:
 - "Guides" & Checklists:
 - revise & publish final versions

- MICHIGAN'S
 HOP QUALITY PROGRAM

 Here's that su'n disign to become a transformed assert of the state of the st
- Training Sessions: coming in April, 4 locations
 - Sign up at the HGM table in the Trade Show today!!!
- 2018 Crop Audits: of grower/processors
 - Earn "HGM Verified Source" seal:











The Hop Quality Team

Jeff Steinman 269.267.7637 / jeff@hopheadfarms.com

Mark Trowbridge 810-422-8040 / tophopslic@gmail.com

Howard Haselhuhn 517-861-1648 / howard@blackcreekhops.com

Susan McCabe 313.819.3811 / ribbonfarmhops@gmail.com

Joe Colyn 616.581.1360 / joe.colyn@originz.com



TOP GROWERS