

University of New Hampshire

## University of New Hampshire Scholars' Repository

---

Media Relations

UNH Publications and Documents

---

8-13-2018

### UNH Research Finds Early-Season Heating Shows Promise Boosting Ginger Harvest

Lori Tyler Gula

*University of New Hampshire*

Follow this and additional works at: <https://scholars.unh.edu/news>

---

#### Recommended Citation

Gula, Lori Tyler, "UNH Research Finds Early-Season Heating Shows Promise Boosting Ginger Harvest" (2018). *UNH Today*. 5103.

<https://scholars.unh.edu/news/5103>

This News Article is brought to you for free and open access by the UNH Publications and Documents at University of New Hampshire Scholars' Repository. It has been accepted for inclusion in Media Relations by an authorized administrator of University of New Hampshire Scholars' Repository. For more information, please contact [nicole.hentz@unh.edu](mailto:nicole.hentz@unh.edu).



When transplanted in high and low tunnels, the ginger in the high tunnels produced much higher yields than ginger grown in the low tunnels. According to Sideman, it is possible that low tunnels might be suitable for ginger production if other variables were modified, such as different coverings used and different fertility regime. However, based on these preliminary results, the high tunnel environment produced the best yields of high-quality ginger.

Finally, harvesting ginger early reduced yields. While it was possible to harvest nice ginger around Sept. 1, yields were doubled by waiting an additional two months. "The take-home message here is that growers should delay harvest to maximize yields, and only harvest what is needed for earlier markets. It also may be worth considering charging a premium price for 'early' baby ginger, as it will result in less yield overall," Sideman said.

This material is based upon work supported by the NH Agricultural Experiment Station, through joint funding of the National Institute of Food and Agriculture, U.S. Department of Agriculture, under award number 1006928 ([https://urldefense.proofpoint.com/v2/url?u=https-3A\\_\\_portal.nifa.usda.gov\\_web\\_crisprojectpages\\_1006928.php&d=DwMFaQ&c=c6MrceVCY5m5A\\_KAUkrdoA&r=43nhFYk7Lgb9QdQ\\_EwZ2RfOaAn9EEDYKO5BGcXFWdChliWqOQVUbs9Z1mwlo5ZlCc3d4DcilJXhlpZeU&s=l8UCmMh5081WbuyUd7BUtRzdH2ukfGr-FnljGyeHZSU&e=](https://urldefense.proofpoint.com/v2/url?u=https-3A__portal.nifa.usda.gov_web_crisprojectpages_1006928.php&d=DwMFaQ&c=c6MrceVCY5m5A_KAUkrdoA&r=43nhFYk7Lgb9QdQ_EwZ2RfOaAn9EEDYKO5BGcXFWdChliWqOQVUbs9Z1mwlo5ZlCc3d4DcilJXhlpZeU&s=l8UCmMh5081WbuyUd7BUtRzdH2ukfGr-FnljGyeHZSU&e=)), and the state of New Hampshire. It also was supported by the NH Vegetable & Berry Growers' Association. Additional information on this research is available from UNH Cooperative Extension in Effects of Early Season Heating, Low Tunnels and Harvest Time Ginger Yields in NH, 2017 (<https://extension.unh.edu/blog/new-research-report-effects-early-season-heating-low-tunnels-and-harvest-time-ginger-yields-nh?>).

Founded in 1887, the NH Agricultural Experiment Station (<http://colsa.unh.edu/nhaes>) at the UNH College of Life Sciences and Agriculture (<http://www.colsoa.unh.edu/aes>) is UNH's original research center and an elemental component of New Hampshire's land-grant university heritage and mission.

The University of New Hampshire is a flagship research university that inspires innovation and transforms lives in our state, nation and world. More than 16,000 students from all 50 states and 71 countries engage with an award-winning faculty in top ranked programs in business, engineering, law, health and human services, liberal arts and the sciences across more than 200 programs of study. UNH's research portfolio includes partnerships with NASA, NOAA, NSF and NIH, receiving more than \$100 million in competitive external funding every year to further explore and define the frontiers of land, sea and space.

#### Editor's Notes:

#### PHOTOS AVAILABLE FOR DOWNLOAD

<https://colsa.unh.edu/nhaes/sites/default/files/media/images/unhginger3.jpg> (<https://colsa.unh.edu/nhaes/sites/default/files/media/images/unhginger3.jpg>)

<https://colsa.unh.edu/nhaes/sites/default/files/media/images/unhginger4.jpg> (<https://colsa.unh.edu/nhaes/sites/default/files/media/images/unhginger4.jpg>)

There is growing regional interest in growing baby ginger. It can be used for cooking and can be candied or pickled. It also keeps well in the freezer for culinary use year-round. Credit: Becky Sideman/UNH.

<https://colsa.unh.edu/nhaes/sites/default/files/media/images/unhginger.jpg> (<https://colsa.unh.edu/nhaes/sites/default/files/media/images/unhginger.jpg>)

<https://colsa.unh.edu/nhaes/sites/default/files/media/images/unhginger5.jpg> (<https://colsa.unh.edu/nhaes/sites/default/files/media/images/unhginger5.jpg>)

Experiment station researchers found ginger rhizomes sprouted much faster in flats that were on heat mats than in flats that were not kept on heat mats. Credit: Becky Sideman/UNH.

<https://colsa.unh.edu/nhaes/sites/default/files/media/images/unhginger2.jpg> (<https://colsa.unh.edu/nhaes/sites/default/files/media/images/unhginger2.jpg>)

<https://colsa.unh.edu/nhaes/sites/default/files/media/images/unhginger6.jpg> (<https://colsa.unh.edu/nhaes/sites/default/files/media/images/unhginger6.jpg>)

When transplanted in high and low tunnels, the ginger in the high tunnels produced much higher yields than ginger grown in the low tunnels. Credit: Becky Sideman/UNH.

#### Media Contact

Lori Tyler Gula, PhD ([/unhtoday/contributor/lori-tyler-gula-phd](mailto:lori-tyler-gula-phd@unh.edu)) | NH Agricultural Experiment Station | [lori.gula@unh.edu](mailto:lori.gula@unh.edu) (<mailto:lori.gula@unh.edu>) | 603-862-1452

#### LATEST NEWS

**UNH Works to Solve a Million Dollar Problem for Aquaculture Industry** ([/unhtoday/news/release/2021/05/20/unh-works-solve-million-dollar-problem-aquaculture-industry](https://unhtoday/news/release/2021/05/20/unh-works-solve-million-dollar-problem-aquaculture-industry))

May 20, 2021

**UNH Finds Angel Investor Market on the Rise in 2020** ([/unhtoday/news/release/2021/05/19/unh-finds-angel-investor-market-rise-2020](https://unhtoday/news/release/2021/05/19/unh-finds-angel-investor-market-rise-2020))

May 19, 2021

**Media Advisory: University of New Hampshire 2020 and 2021 Commencements (/unhtoday/news/release/2021/05/18/media-advisory-university-new-hampshire-2020-and-2021-commencements)**  
May 18, 2021

**UNH Research Estimates 1.4 Million Children Have Yearly Violence-Related Medical Visits (/unhtoday/news/release/2021/05/12/unh-research-estimates-14-million-children-have-yearly-violence-related)**  
May 12, 2021

**UNH RIFC 50 Franchise Index Surges in Q1 With Red Robin, Avis and Joint Chiropractic (/unhtoday/news/release/2021/05/11/unh-rifc-50-franchise-index-surges-q1-red-robin-avis-and-joint-chiropractic)**  
May 11, 2021

[VIEW ALL >](#)

 [SUBSCRIBE TO UNH TODAY \(HTTPS://WWW.UNH.EDU/MAIN/UNH-TODAY-SUBSCRIPTION\)](https://www.unh.edu/main/unh-today-subscription)



University of New Hampshire (<https://www.unh.edu>)

UNH Today is produced for the UNH community and for friends of UNH.

The stories are written by the staff of UNH Communications and Public Affairs. (<https://www.unh.edu/cpa>)

Email us: [unhtoday.editor@unh.edu](mailto:unhtoday.editor@unh.edu) (<mailto:unhtoday.editor@unh.edu>). (<mailto:unh.today@unh.edu>)

[MANAGE YOUR SUBSCRIPTION >](#) [CONTACT US >](#)



(<https://www.linkedin.com/edu/university-of-new-hampshire>)



hampshire-

(<http://www.unh.edu/unh-today-feeds>)

UNH Today • UNH Main Directory: 603-862-1234

Copyright © 2021 • TTY Users: 7-1-1 or 800-735-2964 (Relay NH)

USNH Privacy Policies (<http://www.usnh.edu/legal/privacy.shtml>) • USNH Terms of Use (<http://www.usnh.edu/legal/tou.shtml>) • ADA Acknowledgement (<http://www.unh.edu/about/ada.html>)