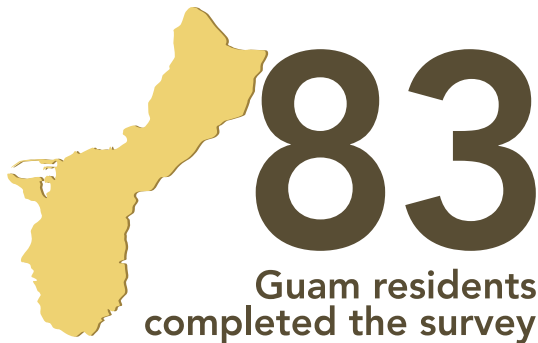


# Agricultural Producer Stress: Guam Territory Report

Western Regional Agricultural Stress Assistance Program (WRASAP) Baseline Survey Data

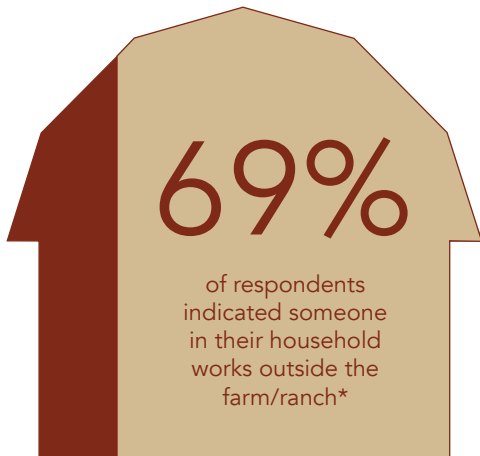
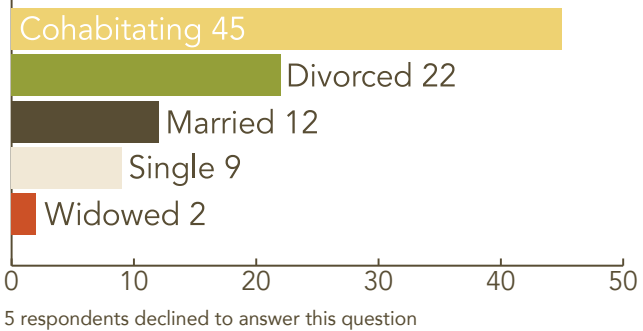
This baseline survey project is part of a larger USDA-funded grant initiative called WRASAP (to learn more visit [farmstress.us](http://farmstress.us)). The aim of this survey was to better understand the types of stressors that agriculture producers are currently facing, as well as what types of stress management topics and dissemination strategies they would most prefer. These results will help to inform future WRASAP outreach and programming.

## Who were our survey respondents?

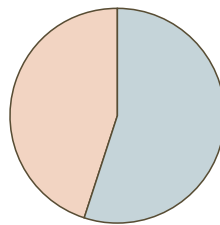


**20** Average number of years respondents have worked in agriculture

### Marital Status



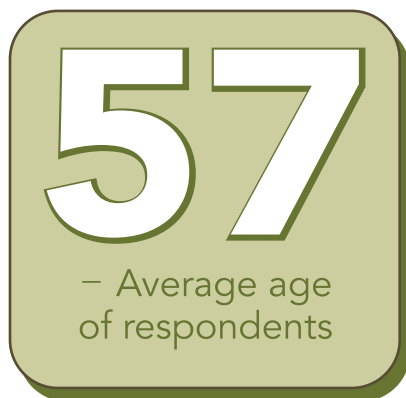
\*most commonly in the field of government: federal and military



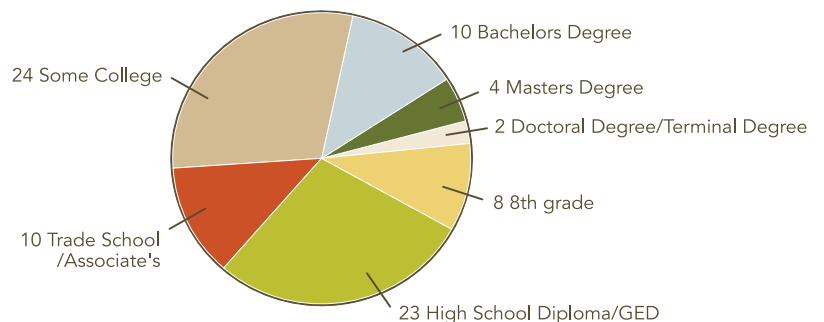
55% Male  
45% Female

### Ethnicity

- White 65%
- Native American 11%
- Bi-racial 5%
- African American 4%
- Hispanic 1%
- Asian American 1%
- 9 responses were invalid



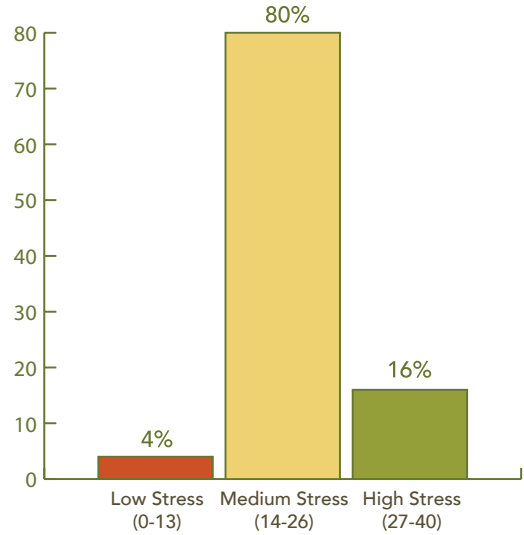
### Highest Level of Education Completed (# of respondents)



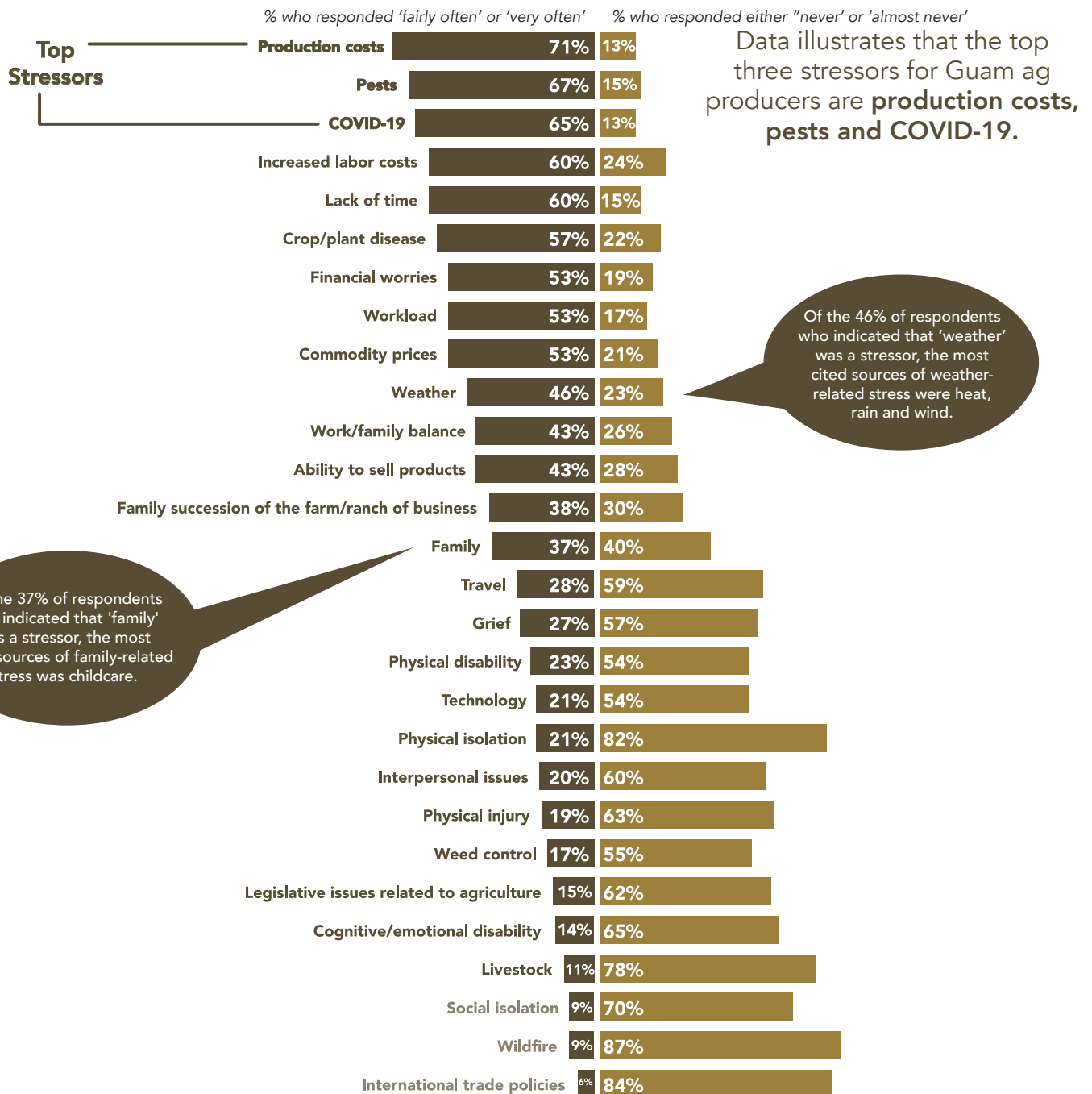
This survey utilized the Perceived Stress Scale (PSS), a widely used psychological instrument for measuring the perception of stress. It is a measure of the degree to which situations in one's life are considered stressful.

Based on their PSS scores, on average, Guam agricultural producers are experiencing a **MEDIUM LEVEL** of stress (average = 22)

Perceived Stress Score (PSS)



Within the last year, please indicate how often the following led you to experience stress?

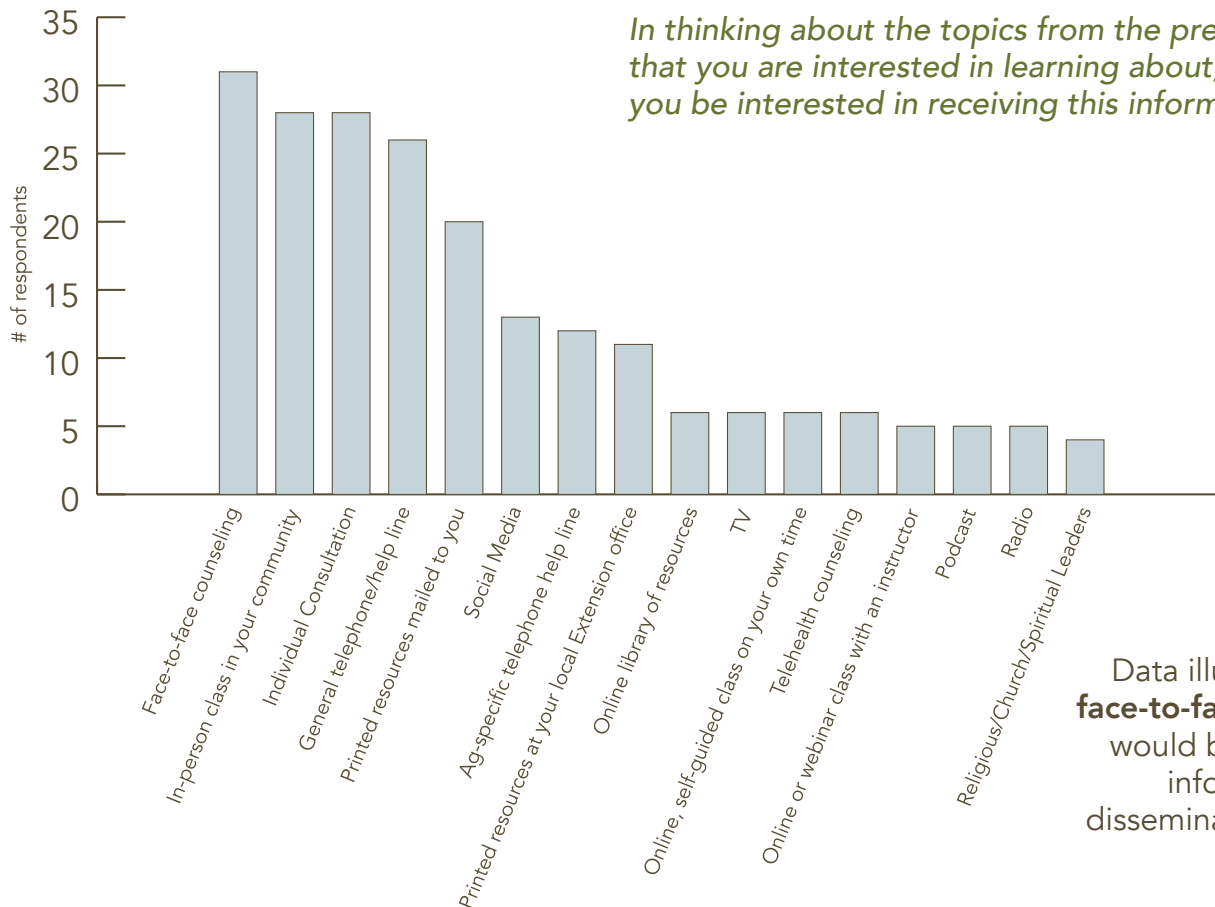
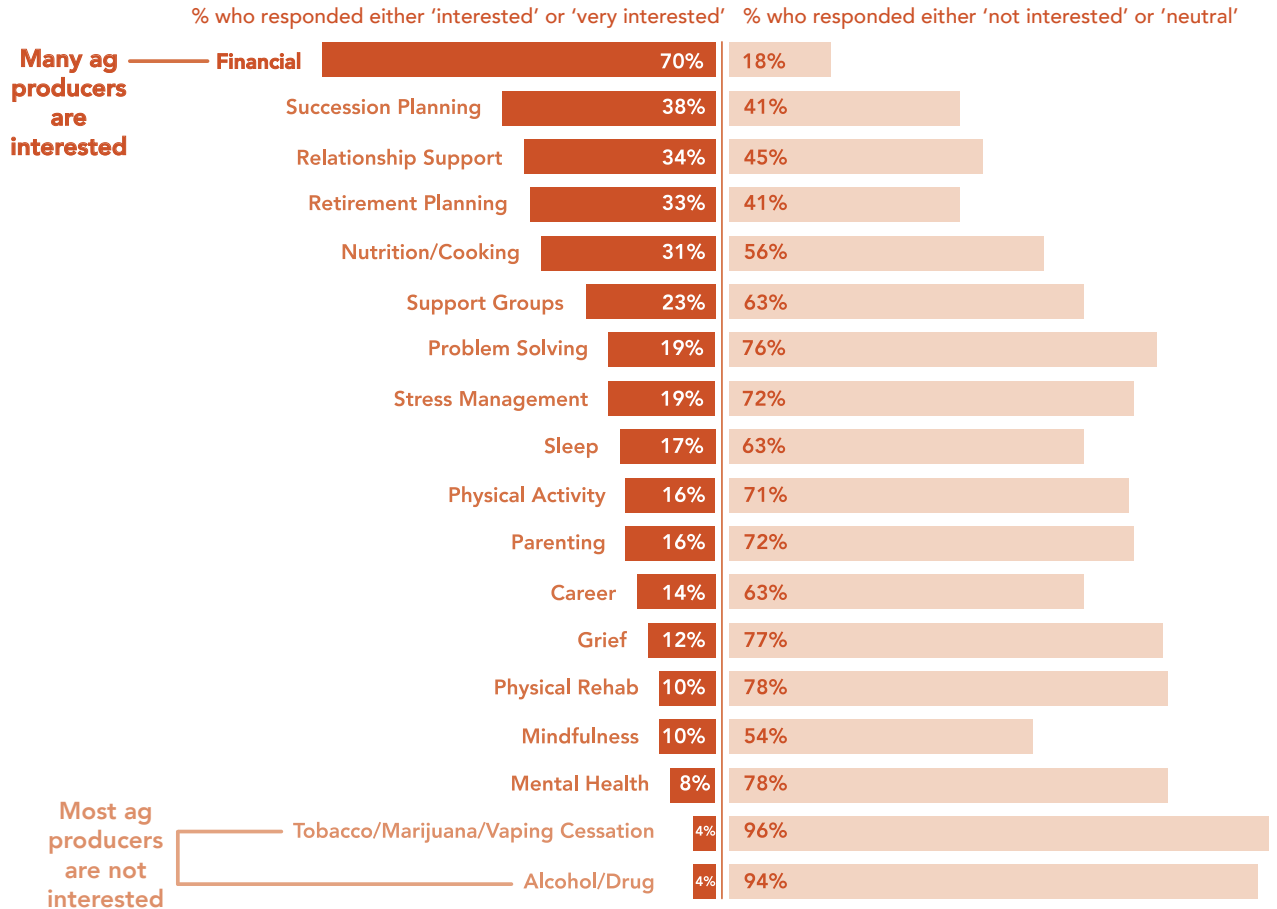


Data illustrates that the top three stressors for Guam ag producers are **production costs, pests and COVID-19.**

Of the 46% of respondents who indicated that 'weather' was a stressor, the most cited sources of weather-related stress were heat, rain and wind.

Of the 37% of respondents that indicated that 'family' was a stressor, the most cited sources of family-related stress was childcare.

To help you manage and/or cope with your stress, how interested would you be to learn about the following topics if the content was made available to you?



In thinking about the topics from the previous question that you are interested in learning about, how would you be interested in receiving this information?

Data illustrates that **face-to-face counseling** would be a popular information dissemination strategy.

This grant initiative also involves specific outreach and education projects. In order to gauge interest in some of the projects that have already begun, we asked ag producers throughout Guam how likely they would be to participate in such a project if it were made available in their communities.

### Likelihood of Participation in Specific Education and Outreach Projects



### Comments from survey respondents

*We put so much time and effort that we cannot anymore, it's hard.*

*It was really about how to survive, keep producing, and keeping feelings together.*

For more information on the data in this report, please contact Dr. Kuan-Ju Chen, [chenkj@triton.uog.edu](mailto:chenkj@triton.uog.edu), or Dr. Michelle Grocke, [michelle.grocke@montana.edu](mailto:michelle.grocke@montana.edu). Please also visit [farmstress.us](http://farmstress.us).

This report was compiled by Mary Catherine Wiley, Dr. Michelle Grocke, Dr. Alison Brennan, Dr. Kuan-Ju Chen, Dr. Brenda Freeman, Dr. Lorann Stallones and Kara Erickson. Design by Lori Mayr.



**WRASAP**  
Western Regional Agricultural Stress Assistance Program



**UNIVERSITY OF GUAM**  
COOPERATIVE EXTENSION & OUTREACH

The U.S. Department of Agriculture (USDA), Colorado State University, Montana State University and Montana State University Extension prohibit discrimination in all of their programs and activities on the basis of race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and marital and family status.

The Western Regional Agricultural Stress Assistance Program is supported by the USDA Farm and Ranch Stress Assistance Network, under agreement number: 2020-70028-32731 proposal number: 2020-07631.