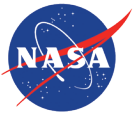




EARTH DATA FOR IMPROVED AGRICULTURAL DECISIONS



NASAHARVEST.ORG
@NASAHARVEST

OVERVIEW

NASA Harvest is a multidisciplinary program commissioned by NASA and led by the University of Maryland to enhance the use of satellite data in decision making related to food security and agriculture from farm to global scales, both domestically in the US and worldwide.

WHY NASA HARVEST?

- Because agriculture is the hallmark of civilization: *dynamic, diverse, dispersed*
- Because decision makers need better information in the face of uncertainty
- Because satellite data are *timely, synoptic, objective, repeatable*
 - Well-suited to track within-season and long-term changes, from field to global scales
- Because innovation is happening across public and private sector alike, and we need a neutral facilitator to integrate and accelerate research into operations
- Because NASA has nearly 50 years of commitment to strengthening food security, promoting resilience at home and abroad, and fostering innovation

PARTNERS



HOW IS HARVEST ACCOMPLISHING THIS?

Harvest is partnering with top researchers, humanitarian aid organizations, economists, policymakers, agribusiness, the financial sector, defense, intelligence, high tech, and other disciplines and sectors to deliver on nearly five decades of satellite data for improving agricultural knowledge and decisions.

HARVEST AT A GLANCE

- Launched in 2017
- Working from farm to global scales in the US & abroad
- Emphasis on operational transition of EO technologies, driven by end-user needs
- Working to strengthen current and foster new linkages between previously unconnected communities
- Integrating NASA's agriculture & food security investments
- Demonstrating the value of Earth observation for food security and agriculture.



EO Investments Targeted at End-User Needs



Improved Agricultural Assessments



Enhanced, Timely, Actionable Information



Improved Decision Making by End-users



Improved Food Security, Markets Stability, Economic Progress, Sustainable Crop Production