



**United States Department of Agriculture  
Midwest Climate Hub**

**2016 and What's Up for 2017**

**USDA Midwest Climate Hub**



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# The Climate Hubs

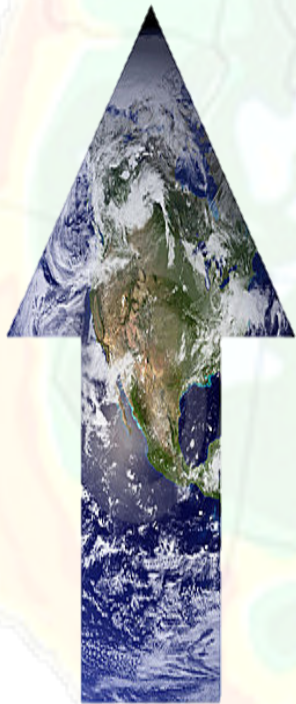


Regional Climate Hubs are providing Information and Tools to Decision Makers to Build Resilience to climate variability.



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# The Need for Climate Hubs



- Increasing climate variability
- An increase in number and intensity of extreme events
- Changing trends in climate and weather
- Added stress that to agriculture and the natural resources

**The More you Know...  
Information Leads to Action**



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# Vision and Mission of Climate Hubs

## Vision

Agricultural production and natural resources maintained and strengthened under increasing climate and environmental change

## Mission

1. Develop and deliver science-based, region-specific information and technologies to agricultural and natural resource managers;
2. enable climate-smart decision-making; and
3. direct land managers to USDA agency programs and regional partners to build resilience to climate change.



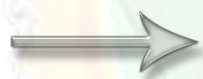


# Midwest Climate Hub: Objectives

1. Assemble research information on crop and livestock production systems across the Midwest to determine their response to weather and climate variation;
2. Assemble research information on soil and water resources of the Midwest to determine the natural resource response to weather and climate variation;
3. Conduct stakeholder meetings with different commodity groups to gather information on their potential use of weather and climate information in agricultural decision making;
4. Partner with research, education and extension to develop strategies for the identification of adaptation tools and delivery of information to producers and agribusiness across the Midwest; and
5. Provide information to producers which will increase climate resilience of agricultural systems across the Midwest.

# Midwest Climate Hub: Vulnerabilities in the Midwest

Link actionable information and users together to protect and enhance the natural resources of soil, water, and air.



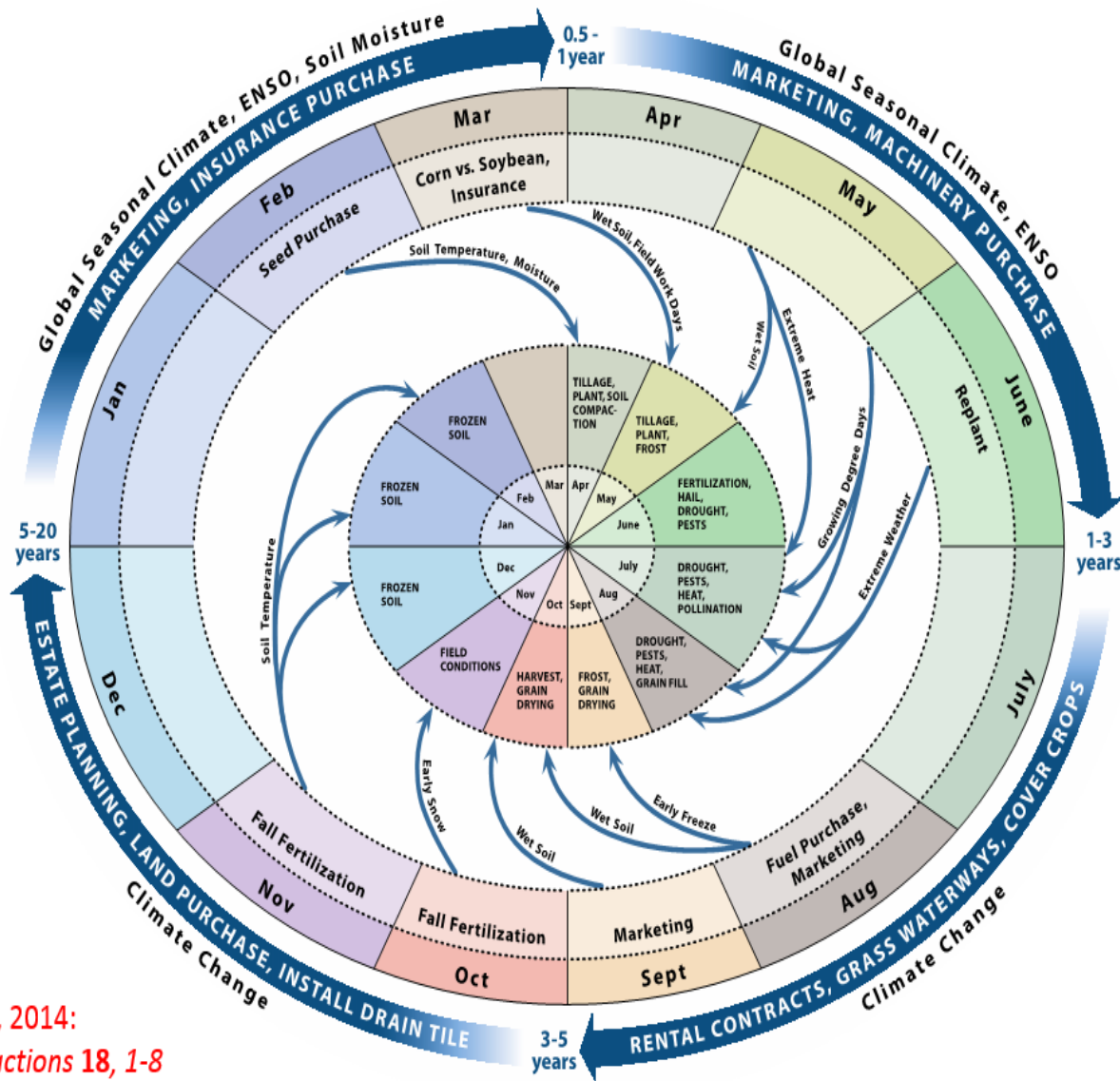
Integrate information to deliver solutions to producers through a variety of outlets



PHOTO: SCOTT OLSON/GETTY IMAGES

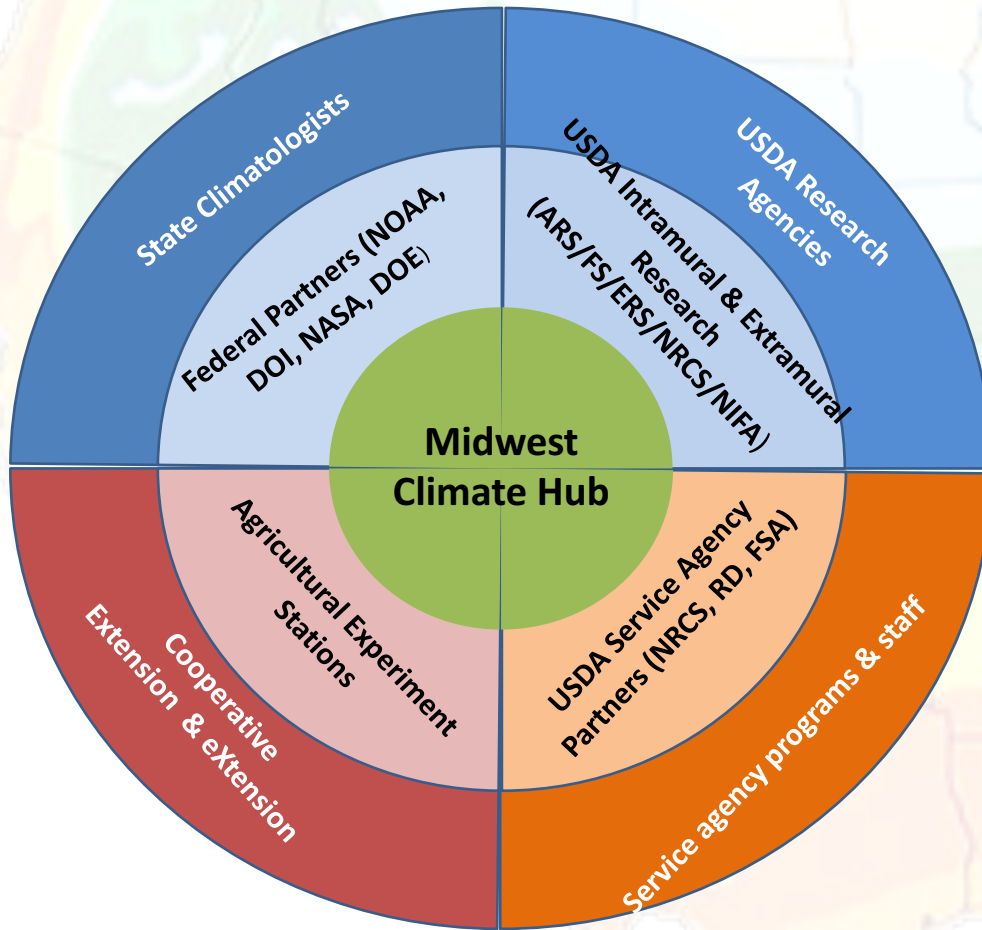


# Midwest Corn Growers' Decision Calendar



Takle, et al., 2014:  
*Earth Interactions* 18, 1-8

# Midwest Climate Hub: Increasing the efficiency of Information Flow



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# Keeping Up-to-Date with the Midwest Climate Hub

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Climate Hub Regions

Popular Topics:

- Climate Hubs Factsheet
- Climate Hubs Mission and Vision
- Drought Tools
- Events Calendar
- Climate Smart Agriculture
- Partners
- Contact Us

Click on the region to learn more about the USDA Climate Hub in your area

News:

- Adoption of Agricultural Conservation Practices: Insights from Research and Practice
- FAA grants drone permits to agriculture
- Boisjans in a Changing World Report Released

Focus on Climate:

- Croplands
- Forestlands
- Livestock
- Grazing Lands

Events Calendar:

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

Climate Hubs Website

[www.usda.gov/climatehubs](http://www.usda.gov/climatehubs)

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MIDWEST HUB

Climate Hubs Partners Regional Assessments Regional Data & Research Educational Materials Northern Forests Hub About Us

Home » Midwest Hub

## Welcome to the Midwest Climate Hub

Our goal is to provide information to help producers cope with climate change through the innovative linkage of research to education and extension partnerships.

Discover management options to increase resilience to climate change.

### Midwest Hub

Popular Topics:

- Midwest and Northern Forests Vulnerability Assessment
- Climate impacts on crop production
- Livestock and climate change
- Northern Forests Sub Hub

News in the Midwest Hub:

- EPA Fact Sheets: What Climate Change Means for Your State

Quarterly Climate Impacts and Outlook:

Focus on Climate in the Midwest Hub:

- Croplands
- Forestlands

Events Calendar:

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				1	2	3



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# For more Information on the Midwest Climate Hub

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