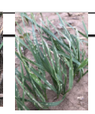
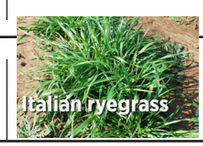
Wheat Management Calendar — Fall Management Decisions

This calendar reflects the approximate timing for optimum agronomic management decisions based on plant growth stage, which can vary with the environmental conditions in the growing season.

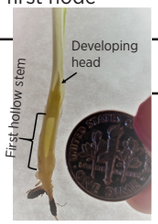
	July	***August***	***September***	***October***	***November***	***December***
			Germination-Emergence	*Germination-Emergence*	*Tillering*	*Tillering/Dormancy*
Crop Management	Variety selection Prepare seed bed Buy good-quality/certified seeds Control volunteer wheat →		Optimum time for planting dual-purpose systems  Select varieties without high temperature germination sensitivity →	Optimum time for planting grain-only systems Three leaves developed before tillering start and crown roots developing Perform stand count	Assess crown root development before grazing Turn out cattle Test wheat forage for nutritive quality if grazed	Environment and genetics influence tillering capacity Assess plant stands
Nutrient Management	Soil sampling  Apply lime if soil test recommends →		Apply N, P and K for dual-purpose Add N-rich strips →	Apply N, P and K for grain only	Use a GreenSeeker to assess crop N status →	
Insects			Scout for fall armyworm →	  Scout for greenbug →		
Disease		If early planting, consider treating seed to enhance emergence and manage bunts/smuts.				
Weeds	Preplant burndown herbicides or tillage prior to planting →		Apply PRE or delayed PRE herbicides →	 →	Apply PRE/POST herbicides for fall/winter emerging weeds	

Crop Management: Variety selection tool app; CR-2143; PSS-2142; PSS-2256; PSS-2147; PSS-2157
Nutrient Management: Plant and Soil Sciences publications; CR-2277; PSS-2278; PSS-2207; PSS-2225
IPM- Pests, Diseases and Weeds: EPP-7086; CR-7088; EPP-7328; PSS-7668; PSS-2138; PSS-2136; PSS-2145; PSS 2791; PSS-2787; PSS-2793; PSS-2188
For more information, see: https://extension.okstate.edu/fact-sheets/wheat-management-calendar-fall-management-decisions.html

Issued in furtherance of Cooperative Extension work, acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture, Director of Oklahoma Cooperative Extension Service, Oklahoma State University, Stillwater, Oklahoma. This publication is printed and issued by Oklahoma State University as authorized by the Vice President for Agricultural Programs and has been prepared and distributed at a cost of 20 cents per copy. 04/2020

EXTENSION

Wheat Management Calendar — Spring Management Decisions

	January	February	March		April		May	June
	Dormancy	*Green-up*	*Jointing*	*Flag leaf emergence*	*Boot*	*Heading-Anthesis*	*Grain filling*	*Physiological maturity*
Crop Management	Varieties require from two to six weeks of temperatures below 50 F (i.e. vernalization requirement) to transition from the vegetative to the reproductive stage Test wheat forage for nutritive quality if grazed →	Start leaf elongation Assess First Hollow Stem (FHS) →  Remove cattle before FHS → Count tillers per plant and estimate heads per sq. ft.	Plant erect and first node	Assess spring-freeze injury on the developing head → 			Attend field days  Evaluate varieties for next season	Harvest
Nutrient Management	Top-dress N application I Use a GreenSeeker to assess crop N status → Add N-rich strips		Top-dress N application II					
Insects	Scout for army cutworm →	Scout for aphids →			Scout for armyworm →			
Disease		Apply fungicide for foliar disease management →  				Apply fungicide to manage head scab →		
Weeds		Apply PRE/POST herbicides for winter/spring emerging weeds					Scout fields for identification of winter annual grass weeds that are headed out	
		Be cautious of products that cannot be applied past jointing or flag leaf emergence →				Harvest aid herbicides may be considered →		

Amanda de Oliveira Silva, Small Grains Extension Specialist; **Brian Arnall,** Precision Nutrient Management Specialist; **Hailin Zhang,** Nutrient Management Specialist; **Tom Royer,** Extension Entomologist; **Bob Hunger,** Extension Wheat Pathologist; and **Misha Manuchehri,** Small Grains Extension Weed Specialist