

Water for Texas Food & Fiber

Adapting to a Changing Landscape

Texas Groundwater Summit

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World population 'to hit 9.7bn by 2050'

Population

World	=	9.7 billion
U.S.	=	440 million
Texas	=	50 million

1700 1750 1800 1850 1900 1950 2000 2050 2100
Year



Texas Livestock & Poultry

Cattle	#1
Sheep & Goats	#1
Broiler & Eggs	#6
Milk	#7
Pork	#15



Texas Crops

Cotton	#1
Hay	#1
Peanuts	#2
Sorghum	#2
Wheat	#9
Corn	#12



Economic Impact

Livestock & poultry	\$14.4 bn
Grain, hay & fiber	\$6.3 bn
Food & Fiber	\$120 bn



Agricultural Water Demands

	<u>2020</u>	<u>2050</u>
Texas (million ac-ft)	18.4	20.2
Irrigation	51%	42%
Livestock & poultry	2%	2%



Figure 6.10 - Shares of existing irrigation and livestock supply by water source in 2020

Colorado Basin 2%	
Surface water	25%
Ogallala	50%
Other aquifers	25%

