

# Southern Great Plains Dairy Consortium

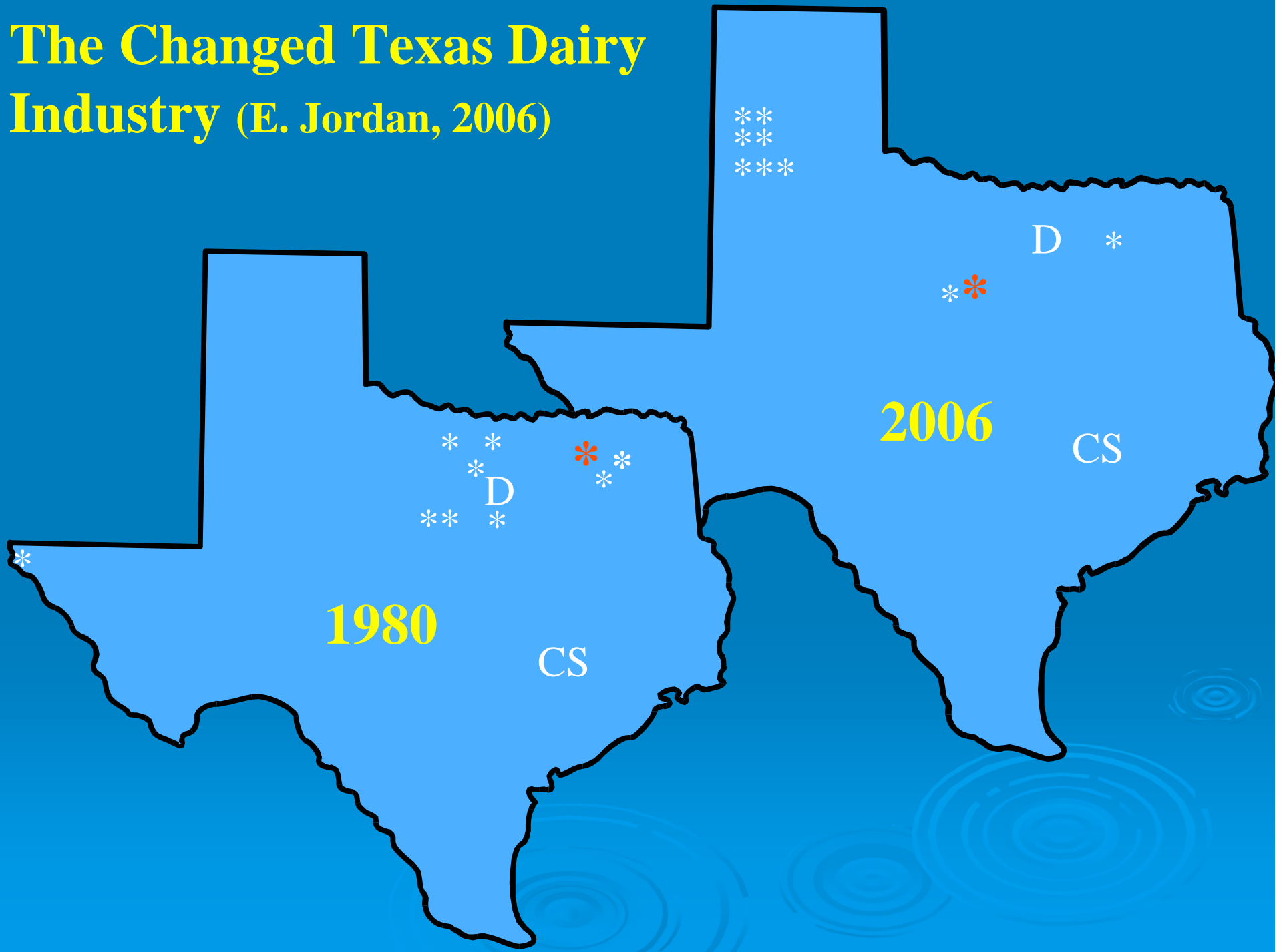
## Participants/Partners:

- Texas Agricultural Experiment Station
  - Amarillo, Lubbock, Stephenville, College Station (ANSC, BAEN)
- Texas Cooperative Extension
  - Dallas, Amarillo, Lubbock, Stephenville, College Station
- New Mexico State University—Expt. Station & Coop. Ext.
  - Clovis & Las Cruces
- West Texas A&M University
- Tarleton State University
- Texas Tech University
- Texas Veterinary Medical Diagnostic Laboratory—Amarillo
- USDA-ARS—Bushland
- Cooperating Dairy Organizations:
  - Texas Association of Dairymen
  - Dairy Producers of New Mexico

# Mission

- To enhance the dairy industry's competitiveness ... in an environmentally sound manner through expanded cooperative programs of the various universities, state agencies and federal agencies serving the Southern Great Plains.

# The Changed Texas Dairy Industry (E. Jordan, 2006)



# Dairy--Top Ten Texas Counties

May, 2000	Jan., 2002	June, 2006
Erath (C)	Erath (C)	Erath (C)
Hopkins (NE)	Hopkins (NE)	Hopkins (NE)
Comanche (C)	Comanche (C)	Deaf Smith (HP)
Archer (NC)	El Paso (FW)	Comanche (C)
El Paso (FW)	Archer (NC)	Castro (HP)
Johnson (NC)	Lamb (HP)	Lamb (HP)
Wood (NE)	Hamilton (C)	Bailey (HP)
Hamilton (C)	Wood (NE)	Hale (HP)
Lamb (HP)	Johnson (NC)	Hartley (HP)
Van Zandt (NE)	Tom Green (SC)	Parmer (HP)

# High Plains Dairy Production

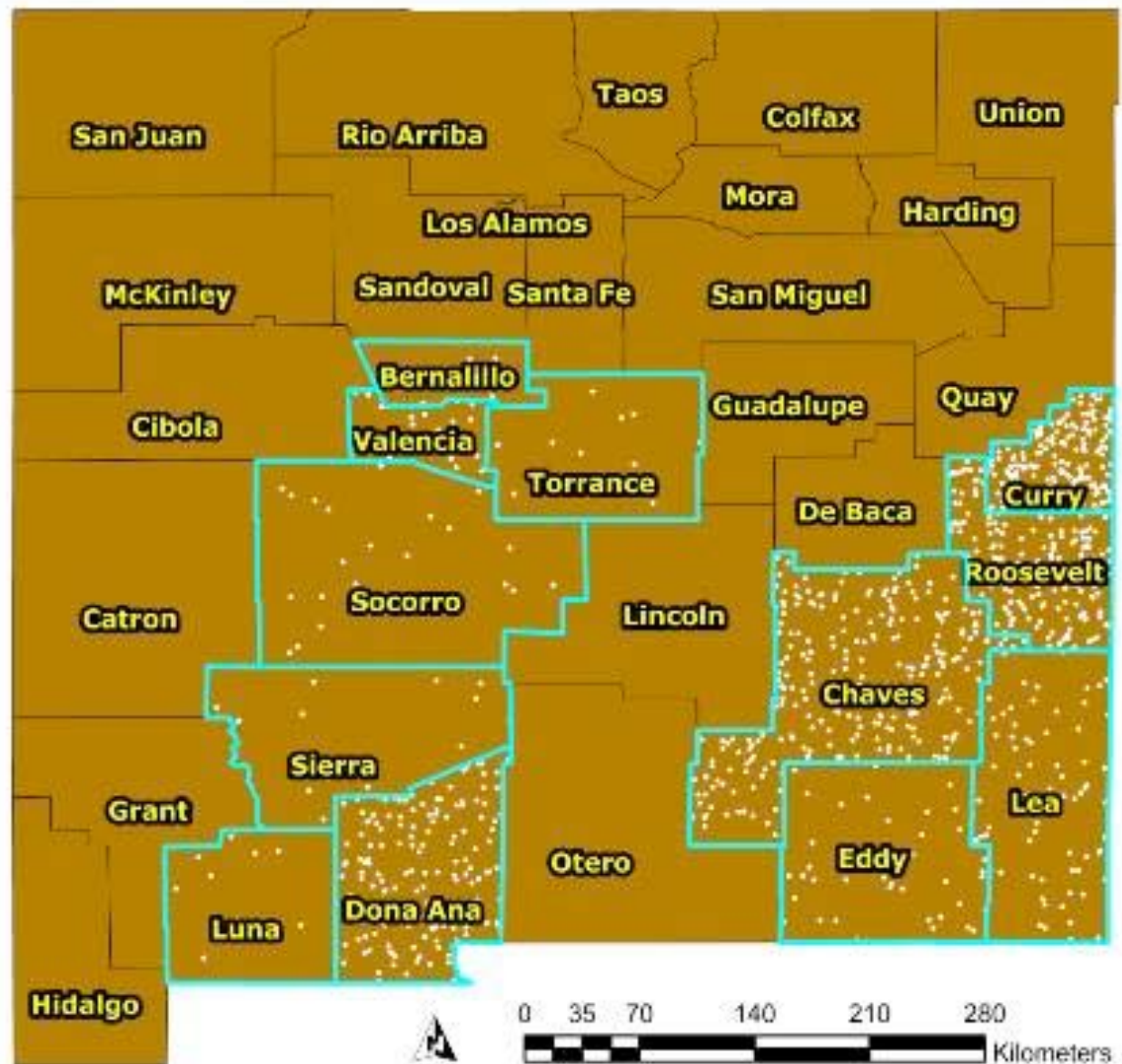
(E. Jordan, TCE, 2006)

<u>Year</u>	<u>No. Cows</u>	<u>Annual production, lbs/yr</u>
1970	9,900 cows	84,413,000
1980	9,000 cows	116,000,000
1990	NA	88,000,000
1995	NA 20 herds	116,821,000
1998	NA 10 herds	73,688,000
1999	NA 20 herds	218,167,000
2000	NA 25 herds	342,000,000
<u>2005</u>	<u>NA 50 herds</u>	<u>1,987,760,000</u>

Note: per Texas Dairy Review, April, 2006, top 7 High Plains counties with 7% of total dairies (n = 51 farms) produced 32% of the state's milk!

# New Mexico Milk Production

Milk production corridors in New Mexico; white dots proportional to production (V. Cabrera, NMSU, Clovis 2006).



# Top Ten New Mexico Counties

1995

2005


Chaves	1,349,757	Chaves	1,861,255
Dona Ana	694,695	Curry	1,254,561
Roosevelt	466,552	Roosevelt	1,282,034
Curry	299,468	Dona Ana	1,080,600
Lea	194,525	Lea	475,611
Eddy	201,512	Eddy	288,934
Valencia	128,612	Valencia	184,081
Bernalillo	116,152	Socorro	153,962
Socorro	71,870	Sierra	92,119
None with 3 herds		Bernalillo	61,146

# Change in Milk Production (1995 to 2005)

Year	Texas		New Mexico	
	No. Producers	Lb. Milk 000,000	No. Producers	Lb. Milk 000,000
1995	2005	6,114	167	3,605
2000	1228	5,717	183	5,155
2005	839	6,417	187	6,860



# Why the Surge in Dairy Growth?

- Environmental Regulations
  - Temperature
  - Precipitation
  - Feed Supply
  - Water
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# The Texas Trends

- Northeast to Central and now to High Plains
- Region around the Dallas-Ft. Worth metroplex has gone out of dairy.
- El Paso virtually out of dairy in 2005 due to tuberculosis buy-out.
- Archer Co. very stable, but displaced by higher producing counties in 2005
- Fate of Permits in Central Texas problematic
- Jan. 2006, Waco lawsuit settled
- Central Texas permitting still slow

# Where Are Producers Coming From?

- California
- East Texas
- Stephenville
- North Central Texas
- Arizona
- Netherlands via Canada

# Southern Great Plains Dairy Consortium

## ➤ Development & Current Status, 2006

- Conceptualization, 2005-January '06
- Gathering inputs & consensus building, Feb.-April
- White paper, So. GP Dairy Research/Demo. Facility, TCE
- **Producers Forum**, Amarillo, June 22
- Dairy Max meeting, Grand Prairie, June 23
- **Summary white paper**, issues-identification
- **Inventory programs** —Tomasewski, Topliff, Robinson, Sweeten, dairy specs.
  - Teaching— Universities, Junior colleges
  - Research & Extension
  - Consult with partnering universities, colleges, industry
- Identify gaps & coordinate—facilities, programs, people
- Re-write brochure
- MOA (J. Clark & M. Cepica, to coordinate)
- Organize faculty teams, leadership
- Acquire resources—
  - Federal (Lacewell & Partners--other univ., TAD, DPNM.
  - States, grants, private sector—all participants

# Southern Great Plains Dairy Consortium Major Issues, Research & Extension

## ➤ Producers Forum, June 22, 2006, AREC-AMA

-  Environmental Quality—water/air quality, nutrients/energy.
-  Dairy Production— health, nutrition, feeds, reproduction
-  Dairy Products/Quality—sediment, cheese, scc, antibiotics
-  Marketing—processing, cheese, organic, communications
-  Human Resource Development—training (tiered) & retention
-  Water Supply/Utilization—avail., sustain., policy
-  Available Resources for Dairy Industry—online data bases, research resources/facilities, labs, etc.