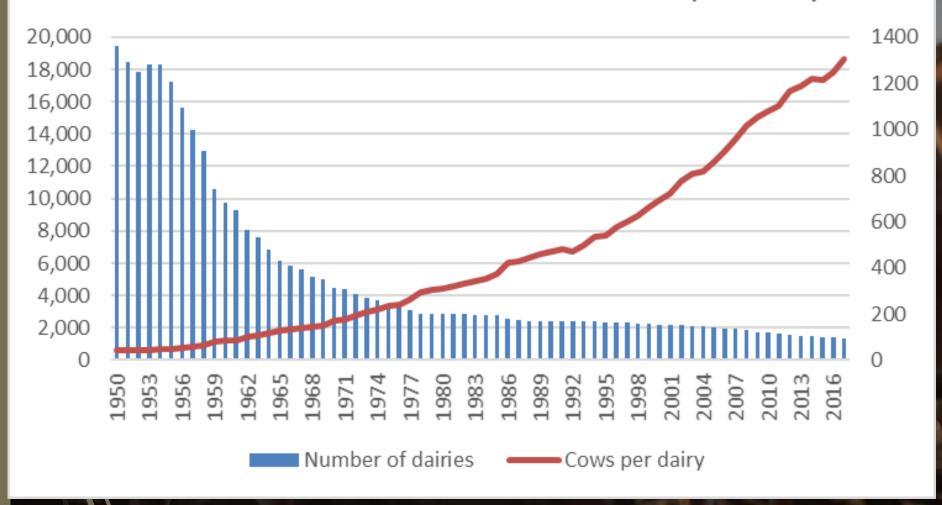




- California remains top dairy producing state
  - Producing 18.5% of national production
- 1331 dairies, primarily family owned and operated
- Mix of conventional and pasture-based
- Average herd size 1258
- Dairy consumption continues to increase both nationally and globally

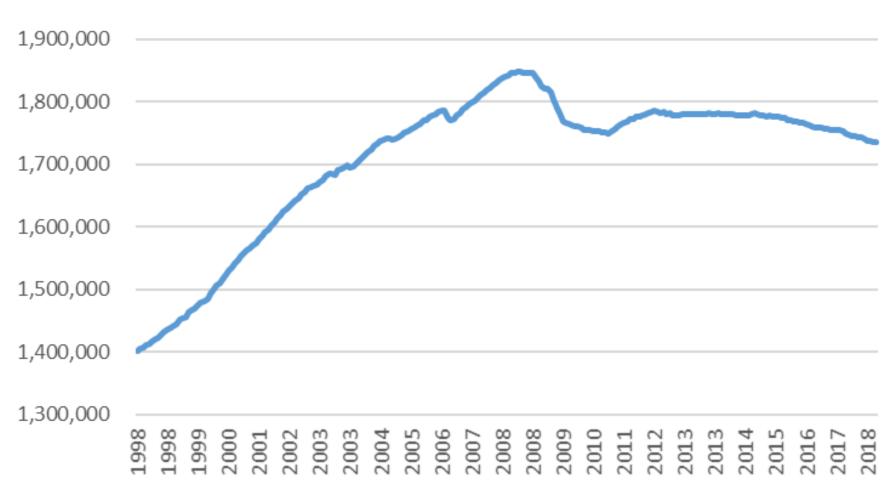
## **Trends**

#### California Number of Dairies and Cows per Dairy



## Cow Numbers





## Historical Perspective

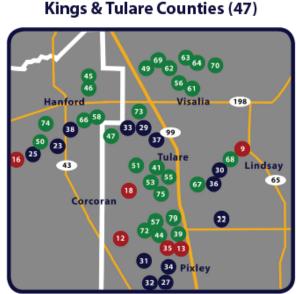
- The carbon footprint of a gallon of milk is 2/3 smaller today than it was 70 years ago.
  - Improved feed efficiency
  - Improved health
  - Improved productivity
- Fewer cows...more milk
  - Reduced environmental footprint
  - Reduced GHG (methane) per gallon
  - Fewer fossil fuels, less water, less energy
- Production intensity and emission intensity are inversely related

# Significant Forward Momentum

- Significant dairy methane reduction progress since passage of SB 1383
- 64 dairy digester projects funded to date
- 57 AMMP projects funded
- Significant and growing interest, additional incentive funds
- On pace to achieve 40% reduction in manure methane
- Didn't happen by accident...state incentives driving development
- Total investment of \$750 million and growing (public & private)

#### California Dairy Digester Development







Learn more at Dairy Cares.com/dairy-digesters

67. Riverbend Dairy

68. Riverview Dairy 69. Rob Van Grouw Dairy

Rockshar Dairy

73. Udder Dairy

74. Valadao Dairy

75. Vander Poel Dairy

77. Vista Verde Dairy

79. El Monte Dairy

\*Temporarily Offline

78. Western Sky Dairy

76. Vander Woude Dairy

70. Rocking Horse Dairy

72. Sousa & Sousa Dairy

- Bidart-Old River
- Bidart-Stockdale
- Blakes Landing Farms/ Straus Family Creamery
- Castelanelli Brothers Dairy
- Cottonwood Dairy/ Joseph Gallo Farms
- Denier Dairy\*
- Fiscalini Farms
- Giacomini Dairy
- Hilarides Dairy
- New Hope Dairy\*
- 11. Open Sky Ranch
- 12. Pacific Rim Dairy
- 13. Pixley Biogas
- 14. Van Steyn Dairy
- 15. Van Warmerdam Dairy

- 16. Verwey Dairy- Hanford
- 17. Verwey Dairy- Madera
- GJTeVelde Ranch
- 19. Carlos Echeverria & Sons
- 20. Lakeview Dairy
- 21. West Star Dairy
- 22. Van Beek Dairy
- 23. Wreden Ranch
- 24. Trilogy Dairy
- 25. Cloverdale Dairy
- 26. T & W Farms
- K & M Visser
- 28. Maple Dairy
- 29. S & S Dairy
- 30. Rancho Teresita Dairy
- 31. Pixley Dairy
- 32. Legacy Ranch

- 33. Moonlight Dairy
- 34. Robert Vander Eyk Dairy
- 35. Circle A Dairy
- 36. Bos Farms
- 37. Hamstra Dairy
- Hollandia Farms
- 39. 4k Dairy
- 40. Ackerman Dairy
- 41. Aukeman Farms
- 42. Belonave Dairy
- 43. BV Dairy
- Cornerstone Dairy
- 45. De Groot Dairy (North)
- 46. De Groot Dairy (South)
- 47. Decade Centralized Dairy
- 48. DJ South Dairy
- 49. Double J Dairy

- 50. Double L Dairy
- Dykstra Dairy
- 52. 5H Dairy
- FM Jerseys Dairy
- Hoogendam Dairy
- Horizon Jersey Dairy
- 56. Jacobus De Groot #2 Dairy
- 57. Little Rock Centralized Dairy
- 58. Lone Oak #1 Dairy
- Double D Dairy
- 60. Meirinho Dairy
- 61. Mellema Dairy
- 62. Milky Way Dairy
- 63. Mineral King Dairy
- Rancho Sierra Vista Dairy
- 65. Red Rock Dairy

River Ranch Dairy

Updated November 15, 2018

### Alternative Manure Management in California

Fifty-eight California dairy farms have been awarded grants to reduce methane through the California Department of Food and Agriculture (CDFA) Alternative Manure Management Program (AMMP). Dairy farms across the state are continually working to improve manure management using a variety of technologies and strategies.



- 1. Lafranchi Ranch
- 2. Sierra View Dairy
- 3. Alexandre Family EcoDairy Farms
- 4. De Snayer Dairy
- 5. Double D Dairy
- 6. Milk River Dairy
- 7. Regli Jerseys
- 8. DaSilva Dairy Farms LP
- 9. Correia Family Dairy Farms
- 10. Matos Dairy
- 11. Magneson Dairy
- 12. Alamo Farms
- 13. Robert Gioletti and Sons Dairy
- 14. Rivercrest Cattle Co.
- 15. Manuel DaSilva Dairy
- 16. Cal-Denier Dairy LLC
- 17. Martins Farm LP
- 18. Alamo Dairy
- 19. AJ Borba Holsteins
- 20. Andrew Zylstra Dairy, Inc.
- 21. Antonio Brasil Dairy
- 22. Art Silva Dairy
- 23. Arthur Oliveira Dairy
- 24. Bordessa Family Dairies
- 25. Bosma Milk Compnay
- 23. Dosina ivilik compri
- 26. Brodt Dairy
- 27. BWC Weststeyn Dairy LP
- 28. Deniz Dairy
- 29. Den-K Holsteins, Inc.

- 30. Dewit Dairy Inc
- 31. Diamond J Dairy, LLC
- 32. Dias Family Dairy
- 33. Double B Dairy
- 34. F&S Brasil Dairy
- 35. Frank Coelho & Sons
- 36. GM Silva Dairies #1
- 37. GM Silva Dairies #2
- 38. Godinho Dairy, Inc
- 38. Godinio Dany, me
- 39. Henry A Garcia Dairy
- 40. J Troost Dairy, LP
- 41. JB Dairy
- 42. Joe Meirinho & Son Dairy LP
- 43. John Machado Dairy
- 44. Jose V Silviera Dairy
- 45. Manuel Oliveira
- 46. McClelland Dairy
- 47. Ray-Lin Dairy
- 48. SBS AG Dairy
- 49. Silva Dairy Farms
- 50. Silveira Dairy
- 51. T & C Louters Dairy
- 52. Thommen Dairy
- 53. Tony & Fatima Garcia Dairy Inc.
- 54. Vierra Dairy Farms
- 55. Vierra Dairy Farms #3
- 56. Wilgenburg West LLC
- 57. Willem Postma Dairy #1
- 58. Zuppan Dairy



**Questions?**