

# *Adapting to Sea Level Rise on Humboldt Bay's Agricultural Lands*

**Forum May 4, 2017**



Photo courtesy of Humboldt Baykeeper  
King Tides Photo Initiative



# *Importance of Humboldt Bay's Coastal Agricultural Lands*



Photo courtesy of Jonathan Shultz USDA-  
NRCS

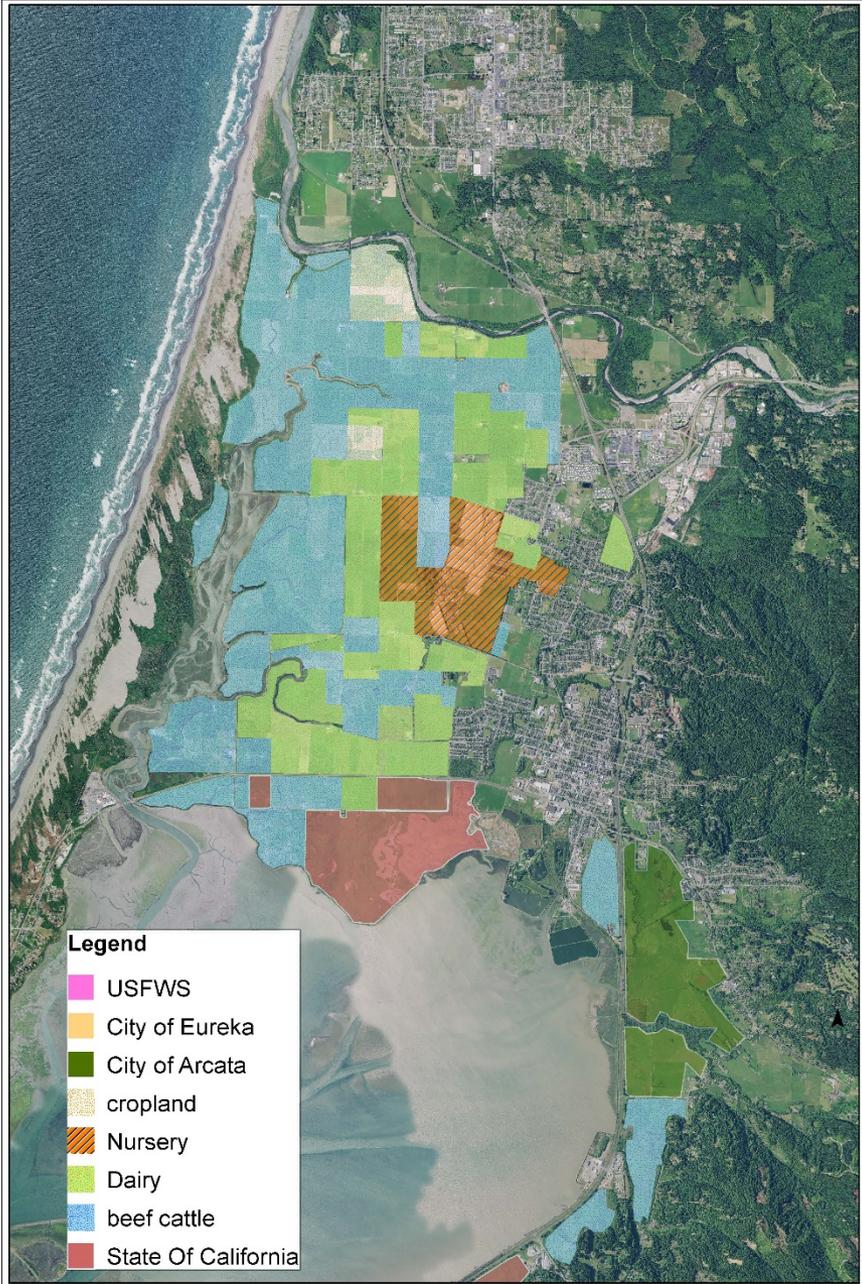
# *From The Beginning*



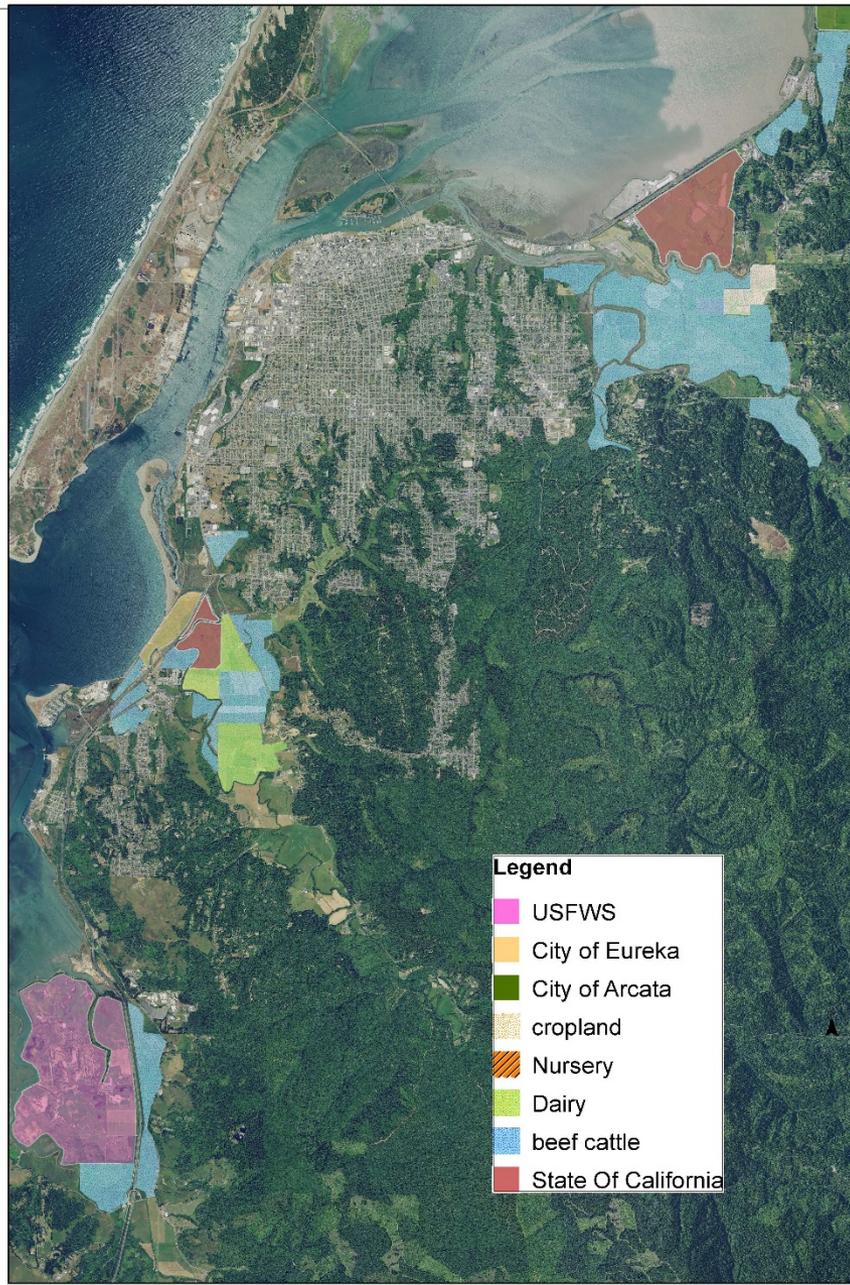
Photo Courtesy Humboldt State University

# 2017 status of Agriculture

- Beef Cattle
- Dairy
- Nursery
- Cropland
- Aquaculture
- Ag Land in Government Ownership



2,300 0 2,300 4,600 6,900 9,200 Feet



- Legend**
- USFWS
  - City of Eureka
  - City of Arcata
  - cropland
  - Nursery
  - Dairy
  - beef cattle
  - State Of California



# 2017 Private Ag Land Holdings by Production Type

- Beef – 4,950 Acres
  - ◆ Cow/Calf
  - ◆ Stocker
    - ◆ Weaned to feedlot
    - ◆ Weaned to finished

# 2017 Private Ag Land Holdings by Production Type



# 2017 Private Ag Land Holdings by Production Type

- Dairy – 1,850 Acres
  - ◆ Milk Cows
  - ◆ Dairy Heifers
  - ◆ Silage/hay/heifer

# 2017 Private Ag Land Holdings by Production Type



Photo courtesy of Jonathan Shultz USDA-NRCS

# 2017 Private Ag Land Holdings by Production Type

- Nursery – 500 Acres
  - ◆ Greenhouse
  - ◆ Field

# 2017 Private Ag Land Holdings by Production Type



Photo courtesy of Humboldt Made

# 2017 Private Ag Land Holdings by Production Type

- Cropland – 270 Acres
  - ◆ Locally sold row crops
  - ◆ On farm sales/CSA
  - ◆ Exported specialty crops
  - ◆ Emerging markets (quinoa)

# 2017 Private Ag Land Holdings by Production Type



Photo courtesy of Paul Giuntoli

# Future of Humboldt Agriculture

Vulnerabilities to Agriculture Production and Local Food Security in the Humboldt Bay Region:

- Loss of Land
- Increased Regulation
- Increased Overhead

Thank You!

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