A Collaborative Economic Model

Match Milk Supply and Product Demand

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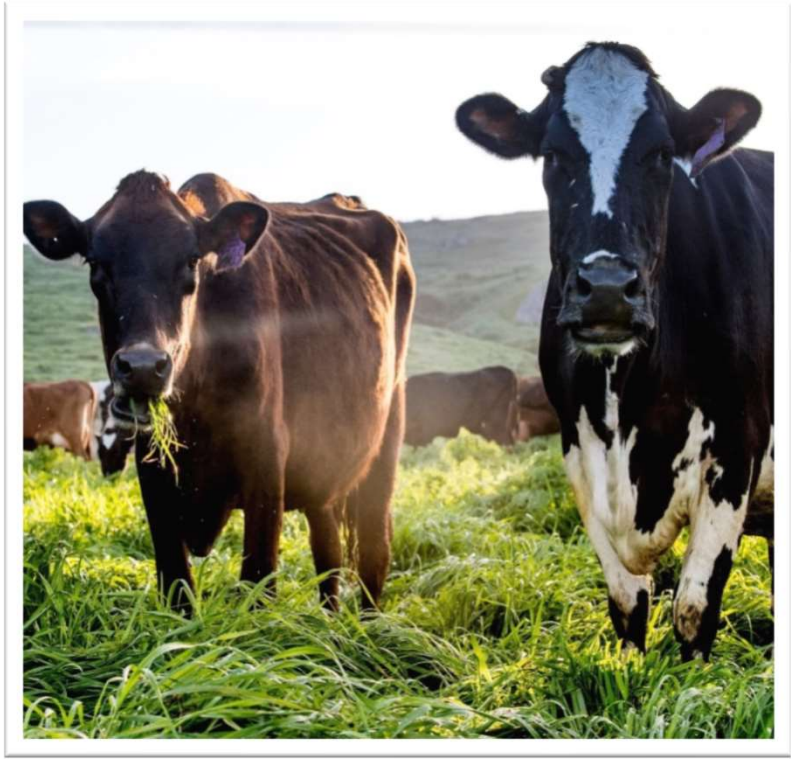


STRAUS FAMILY CREAMERY ORGANIC 25 YEARS

The Carbon Neutral Dairy Farming System

Methane Digesters
+
Pastureland Carbon Sequestration (Carbon Farming)

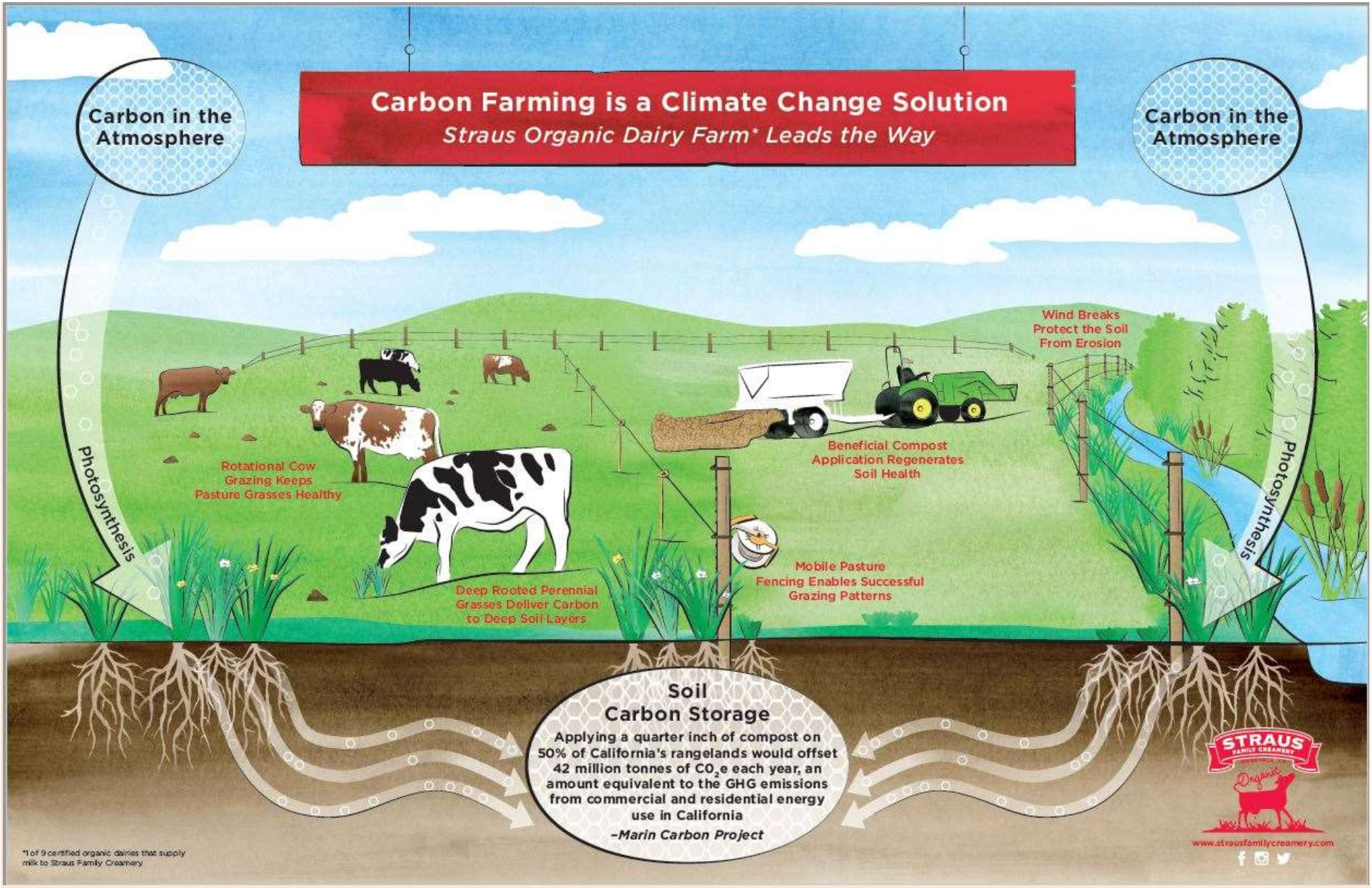
Reducing Enteric Methane
By feeding red seaweed
(Asparagopsis Taxiformi)

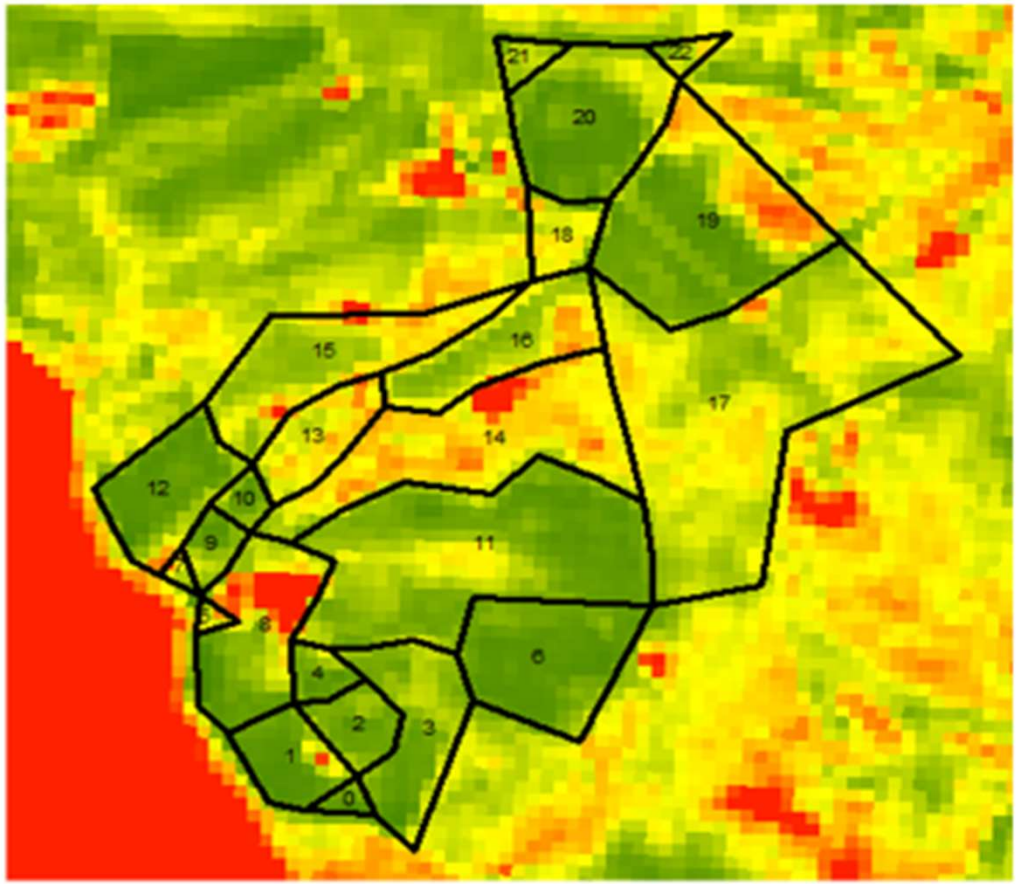
On-Farm Renewable Energy /
Electric Farm Vehicles

Grasslands Are More Reliable Carbon Sinks Than Forests

1. Grasslands and rangelands are more resilient carbon sinks than forests in 21st century California because they are impacted less by droughts and wildfires.
2. Grasslands that promote reliable rates of carbon sequestration may help meet the state's emission-reduction goals.
3. Even greater climate change benefits through sustainable organic farming, and if carbon farming practices and on-farm renewable energy practices are implemented.

Source: UC Davis


Carbon Farming is a Climate Change Solution
Straus Organic Dairy Farm* Leads the Way
Carbon in the Atmosphere
Carbon in the Atmosphere
Photosynthesis
Photosynthesis
Rotational Cow Grazing Keeps Pasture Grasses Healthy
Deep Rooted Perennial Grasses Deliver Carbon to Deep Soil Layers
Beneficial Compost Application Regenerates Soil Health
Mobile Pasture Fencing Enables Successful Grazing Patterns
Wind Breaks Protect the Soil From Erosion
Soil Carbon Storage
Applying a quarter inch of compost on 50% of California's rangelands would offset 42 million tonnes of CO_2e each year, an amount equivalent to the GHG emissions from commercial and residential energy use in California
–Marin Carbon Project
*1 of 9 certified organic dairies that supply milk to Straus Family Creamery
STRAUS FAMILY CREAMERY
Organic
www.strausfamilycreamery.com



Straus Dairy

April, 2018

Aboveground biomass forage production (pounds per acre)

High : 8000

Low : 3000

Carbon Farming Benefits Pasture Yields