

Impact Pillar

Carbon Capture

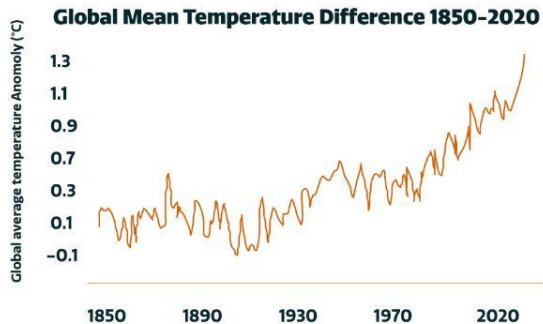
Photo featuring Villicus Farms



Climate Change & Agriculture

The Climate is Warming

Climate change **IMPACTS ALL LIFE ON EARTH.** The global temperature has increased due to more greenhouse gases from human activities.

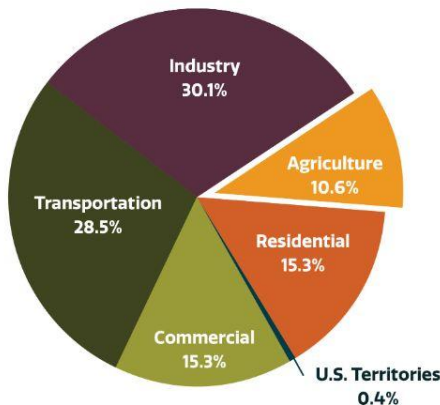


Source: Company Research.

Agriculture Plays a Role

10% of U.S. greenhouse gas emissions come from agriculture.

Which is the equivalent of
670 metric tons of CO₂.

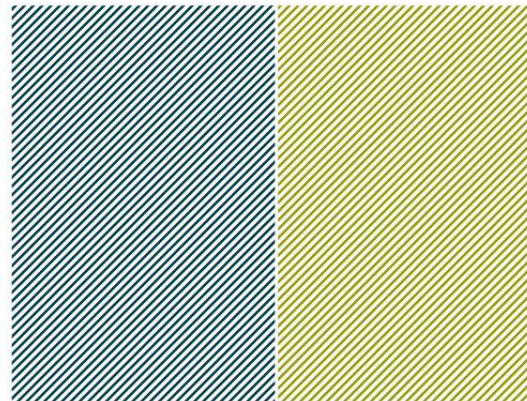


Farming Practices Impact Emissions



LAND MANAGEMENT practices generate

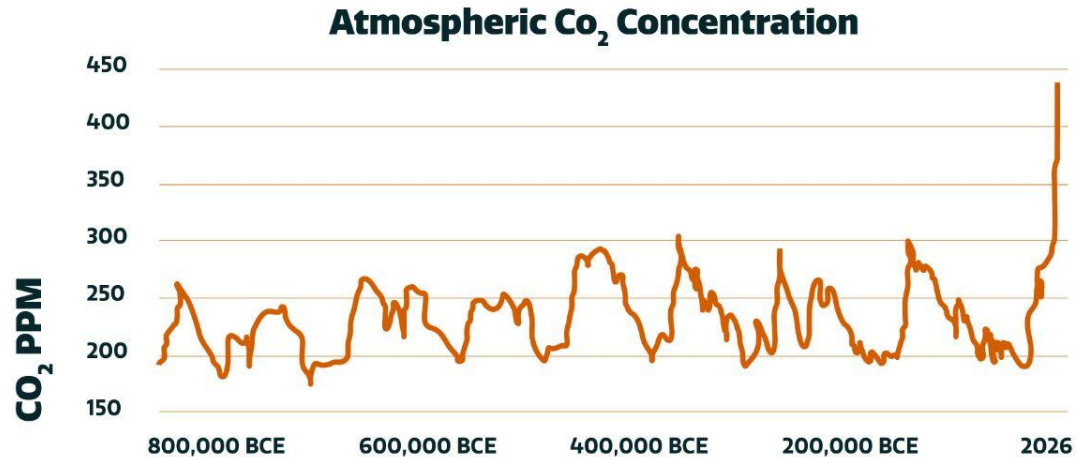
50% of AGRICULTURAL CO₂.



What is the problem?

Too Much CO₂ in the Atmosphere

The National Oceanic and Atmospheric Administration measured
CO₂ at 432 parts per million (ppm) in 2026.
In 1750 it was 280 ppm.



Source: Company Research.

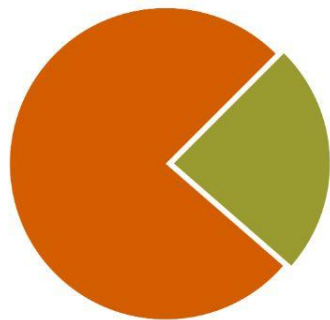
“Atmospheric CO₂ levels of between 280 and 350 PPM created the climate that let humanity build and feed the modern world.

The farther we get from those levels, the more we run the risk of disturbing that balance.”
— MIT

What is the solution?

ORGANIC FARMING

Conversion to Organic Improves Soil Quality & **Sequesters More Carbon**



24%
INCREASE
Carbon Sequestration



45%
LESS
Energy Used



40%
FEWER
Emissions Released

Source: Company Research.

Practices That Help Organic Farmers **Further Reduce Emissions**

ELIMINATING Synthetic Fertilizers



PLANTING Cover Crops



OPTIMIZING Tillage



SMARTER Waste Management



EFFICIENT, CLEAN Farm Tools

How is Amber a part of **THE SOLUTION?**



100% Company
commitment to building
the organic future.



100% of farmers in
our portfolio use organic
matter for fertilizing,
*which improves nutrient, water,
and carbon retention properties.*



100% of farmers in our
portfolio use cover crops,
*one of the best solutions for
building soil health.*



78% of the acres in our
portfolio converted to organic,
*with the other 22% currently in
transition to organic.*



Photo featuring Fitzgerald Organics

How is Amber a part of **THE SOLUTION?**

Our farmers have sequestered

100,000
metric tons

of CO₂ since 2014.

Amber knows how to support farmers in reducing GHG emissions.

With a \$1 million investment

*we have the
potential to sequester*

**860
LBS**

of CO₂ annually.



Photo featuring Black Wind Farm

Sources

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