Pacific Ag

Pioneers in Sustainable Agricultural Residue Supply Chains

PacificAg.com

Background

Pacific Ag is North America's largest harvester and marketer of crop residue. We were founded 26 years ago and operate the largest harvest fleet globally.

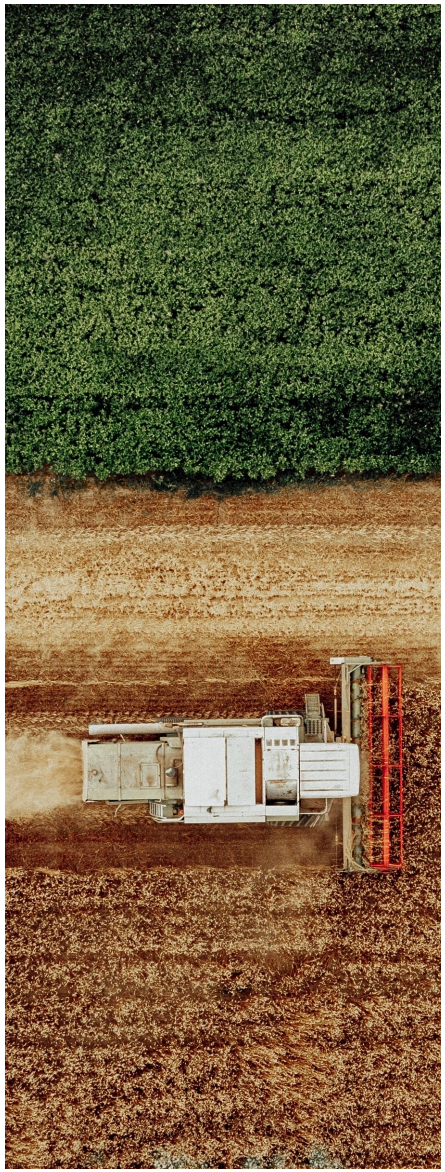
Mission

Pioneer solutions that create value and sustainability through agriculture, strengthening rural communities and decarbonizing the economy.

Vision

To realize the full potential of agricultural residuals globally, improving lives, rural communities, and sustainability for future generations.





What are Agricultural Residuals?

Agricultural residuals include **crop residues**, animal manures, food processing waste, and more, all created by the food and ag value chain - all of which have value as feedstocks for decarbonization.

Crop residues are the most significant subset of agricultural residuals.

Derived from byproducts of wheat, corn, rice, and other

- Crop residue is the byproduct of plants (mainly stalks and leaves) left over after the principal grain harvest
- Growers can sustainably remove residue every year under Pacific Ag management practices

Hugely abundant and accessible

- Millions of tons of harvestable crop residue are produced in the United States each year[1]
- Used exclusively in agricultural and industrial processes – No “food vs. fuel” debate

Underutilized

- Despite its abundance, only a small % of crop residue is put to commercial use

1 - Department of Energy, “Billion-Ton Report,” 2023

Maximizing Sustainable Potential in Every Field

Pacific Ag transforms underutilized **crop residue into a sustainable resource** with the power to **fuel the future.**

Our unmatched insights, proprietary technology, and extensive grower-relationship network position us as **leaders in the sustainable supply chain ecosystem.**

Unlocking the Value of Agricultural Residue

Problem

How to replace climate change producing fossil feedstocks in the production of energy/fuels, chemicals, and materials.

Market Opportunity

Utilize the millions of annually available crop residue tons as feedstock for making bioenergy, sustainable chemicals/materials, and other carbon abatement methods.

By the Numbers Opportunities in Sustainability



AVIATION FUEL

~20 billion gallons

Annual jet fuel consumption in the United.

Source: International Air Transport Association (IATA), 2023



TEXTILES

116 million tons

Global fiber production reached a record in 2022.

Materials Market Report 2023



RNG

~40 billion MMBtu

Estimated annual production potential of renewable natural gas in the United States.

American Biogas Council 2023



PACKAGING

~80 million tons

Annual packaging waste generated in the United States.

Environmental Protection Agency (EPA), 2023

Comprehensive Crop Residue
Supply Chain Solutions

Site/Source

Contract with 1,000's of growers to provide crop residue management services.

Harvest/Aggregate

Deploy our own harvest experts, operators and equipment fleet to control quantity, quality, and cost, across multiple geographies, seasons and crop types.

Logistics/Fulfillment

Utilizing proprietary supply chain management technology (PowerStock Pro™) manage all downstream pre-processing, logistics, storage, and transportation from field to factory to ensure consistent, reliable, on-spec. feedstock at any scale.



Industry-Leading Equipment and Proprietary Technology

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Largest Fleet

The largest fleet of biomass baling and harvest equipment in North America.

Proprietary Technology

Power Stock Pro™ manages the entire supply chain from grower contracts, field mapping, harvest activities, inventory, logistics and delivery.

National Footprint and Reputation

Operations across 27 states, 1,000's of grower relationships, access to 4 million acres



Proven Expertise
Reliable Supply Chain

Supply Chain Development and Consulting

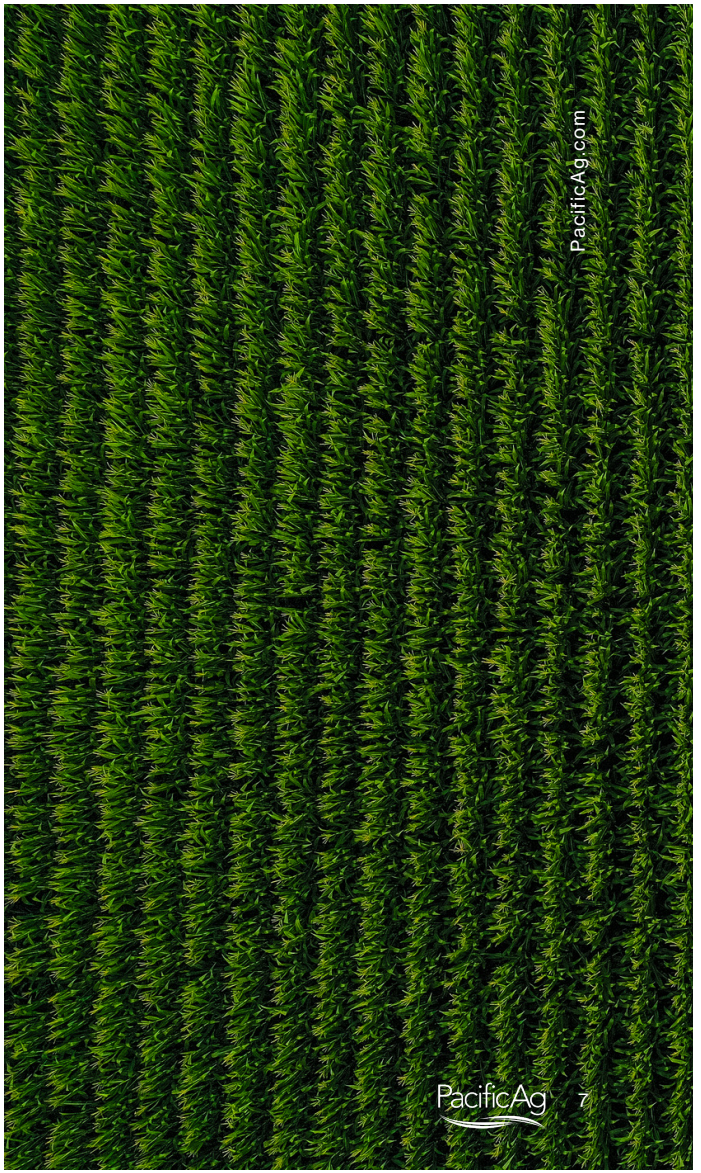
- Supporting facility location decisions with analysis relating to feedstock costs/risks
- Supporting economic decision analysis and modeling

Supply Chain Management Services

- Grower Contracting
- Establishment of the supply base
- Local competitive market interactions and management

Harvest and Logistics Services

- Harvest activities, including windrow, bale and field stacking
- Storage – On farm and/or off
- Transportation – from field to storage; from storage to the facility and from field to the facility



Harvesting Economic and Environmental Gains

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- **26 years of operations** and leadership in the crop residue industry.
- **Largest fleet and grower network,** ensuring consistent quality and quantity of feedstock.
- **Supporting global decarbonization** and rural economic development.



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