SPARC

CARINATA FACTS

Social Science Initiative

Timeline: Establishing Carinata in the Southeastern US

1980s

Industry and producers began experimenting with sesame, canola, and camelina.

2011

Applied Research Associates (ARA) introduced Agrisoma to Dr. David Wright, leading UF to pursue carinata research. UF Established the Advanced Renewables for Carinata (ARC) team in collaboration with Agrisoma and ARA.

Carinata research in the SE US begins at the North Florida Research Center in Quincy, FL. Initial field tests reveal its potential as a winter crop for producers in the SE US.

2012

Other UF research stations became involved: Citra, Jay, and Live Oak. Expansion of research to different soil types.

2013

$1.1 million grant is awarded to UF by Florida Department of Agriculture and Consumer Services allowing for further research from 2013-2016.

2014-2015
1st commerical growing season:
Northern Florida

First Annual Carinata Biomaterials Summit is held.

2015-2016
2nd commerical growing season:
Demonstration production expanded to include Alabama & Georgia

SPARC is awarded $15 million from USDA-NIFA, bringing together regional land grant universities and 1890 institutions, fortifying existing partnerships with Agrisoma and ARA, as well as forging new partnerships with the Commercial Aviation Alternative Fuels Initiative & others.

2016-2017
3rd commerical growing season:
Demonstration production expanded into more of Alabama and Georgia and into Tennessee

Qantas International flight departed from Los Angeles to Melbourne with 10% carinata biofuel.

Agrisoma, United Airlines and World Energy completed longest transatlantic biofuel flight (30% Carinata) from San Francisco to Zurich.

SPARC R&D and stakeholder engagement continues.

2017-2018
4th commerical growing season

2018-2019
5th commerical growing season

New industrial partner: Nuseed.

ARA's Biofuel Isoconversion was ASTM certified.

FTOT was optimized for Carinata.

2019-2020
Production Paused

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