

CULTIVATING ALGAE IN PRODUCED WATER

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Algae as a biofuel feedstock hold the promise for yielding 4,000 gallons per acre per year of biodiesel. By comparison, soybean only yields 200 gallons. Of the many challenges facing the large scale commercial cultivation of algae, land and water usage is paramount. Eldorado Biofuels has successfully utilized produced water to cultivate algae at our test bed in Jal, NM. Our process removes toxins and uses salt-tolerant algae to reduce the necessity for desalination. We will report on our experiences in cultivating algae and plans for scaling up our operations.

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