

## Butanol production from whole Agave plants

### Disclosure Number

201303129

### Technology Summary

Agave is a plant that grows well in dry arid or semi-arid environments in semi-tropical area and certain states in the US. It contains high levels of sugar and structural carbohydrates such as cellulose. We have shown the whole Agave plant can be used to produce a drop-in biofuel and chemical intermediate with ten different species including ones indigenous to the US. The product is butanol produced by a unique fermentation process that permits utilization of all the available carbohydrates for biofuel and biochemical production.

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