

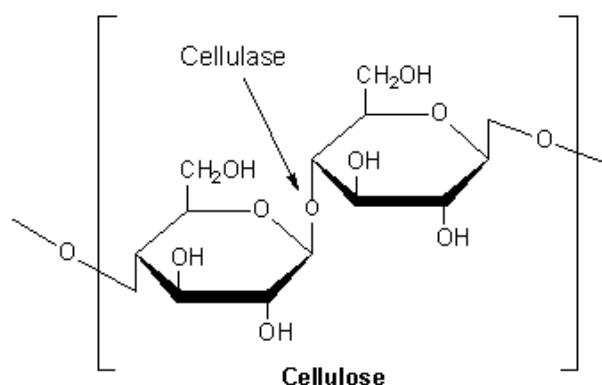
DEVELOPMENTS OF PROCESS

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Ethanol is used today as an alternative fuel, a fuel extender, an oxygenate, and an octane enhancer. From just over 10 million gallons of production in 1979, the U.S. fuel ethanol industry has grown to more than 1.8 billion gallons of annual production capacity.¹



The application of cellulase to the breakdown of cellulosic biomass into sugars for fermentation to ethanol and other commodity products would provide tremendous environmental, economic, and strategic benefits.² However, the key challenge is to make biomass depolymerization more rapid and less costly, but the question remains.³⁻⁴

References

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