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## **HOW GREEN ARE BIOFUELS?**

used to make the fuels vary dramatically. Current fuel sources - corn, soybeans and canola - are more harmful than alternatives that are under development. Biofuels are getting a bad rap as stories of rising food prices and shortages fill the news. But the environmental, energy and land use impacts of the crops

FUEL SOURCES	CES	GREENHOUSE GAS EMISSIONS*					PERCENT OF EXISTING U.S. CROP LAND NEEDED TO	
CROP	USED TO PRODUCE	carbon dioxide created net mega joule of energy produced	GRO GRO WATER	USE OF RESOURCES DURING GROWING, HARVESTING AND REFINING OF FUEL R FERTILIZER PESTICIDE E	RCES DURING AI OF FUEL  PESTICIDE	ENERGY	PRODUCE ENOUGH FUEL TO MEET HALF OF U.S. DEMAND	PROS AND CONS
Com	Ethanol							Technology ready and relatively cheap, reduces food supply
Sugar cane	Ethanol	+2		2 da de la composição d	뢽	a E	46-57	Technology ready, limited as to where will grow
Switch grass	Elhano!	eroccia virale e de la composito del	med-low			Jow Wood	60-108	Won't compete with food crops, technology not ready
Wood residue	Ethanol, biodiesel		ng.		2	WO		Uses timber waste and other debris, technology not fully ready
Soybeans	Biodiesel	Ĝ		low-med	300	med-low		Technology ready, reduces food supply
Rapeseed, Canola	Biodiesel	<b>y</b>		a R	曼	med-low	30	Technology ready, reduces food supply
Algae	Biodiesel	<u>.</u>	3	\$	ow.		1-2	Potential for huge production levels, technology not ready

Emissions produced during the growing, harvesting, refining and burning of fuel. Gasoline is 94, diesel is 83