

Re: Bio-Based Fuels

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- *From:* Greg Folkert <greg@xxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 26 Feb 2007 18:49:53 -0500
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On Mon, 2007-02-26 at 14:56 -0800, Andrew Sackville-West wrote:

On Mon, Feb 26, 2007 at 05:38:49PM -0500, Greg Folkert wrote:

On Mon, 2007-02-26 at 16:22 -0600, Ron Johnson wrote:

Bio-fuels **are** a great idea.

Until you realize **how much** gasoline & diesel this country uses (then add 3x more to that for the rest of the world), and the fact that stuff like corn ethanol needs lots of (**petroleum** based) fertilizer.

(However, sugar cane ethanol in Brazil is a **great** idea, because of cane's higher sugar density, Brazil's proximity to the equator and lower population).

Based on things I have researched and processing systems I have seen and actually went through the motions of getting the nitty-gritty on.

Algae based Bio-Diesel. 110,000 square miles of "useless desert" flooded with salt water and seeded with a certain algae... would supply enough Biofuel for all vehicles (provided all current vehicles were converted to diesel) in the US with about a 25% energy return on energy used to process it and transport to filling centers.

there is an algae that supposedly has something like 80% "oil" content as that is what makes it float. is this the same stuff?

There is more than one kind, but yes. They are ~80% "Bio-oil". More oil than any other plant. And they grow like an aggressive virus in a susceptible sick host.

Re: Bio-Based Fuels

Basically there is about a 5-7 month ramp up. By the time you harvest all of the area, you should probably should have started 6 months ago.

We are talking an HUGE up-front cost... and lots of lobbying from Big Oil and conservationists and so on. If big oil were to realize the payback and how quickly it would work. The conservationist should have bigger fish to fry, but they won't.

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greg, greg@xxxxxxxxxxxxxxxx

Novell's Directory Services is a competitive product to Microsoft's Active Directory in much the same way that the Saturn V is a competitive product to those dinky little model rockets that kids light off down at the playfield. -- Thane Walkup

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