

15 REASONS FOR E15



ENHANCED
BY ETHANOL



ethanol



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America's Ethanol Supporters

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Ethanol. It's clean, renewable, grown right here in America - and it's already proven effective and practical in gas tanks across the country. More than 70 percent of American gas stations now sell E10 - a blend of 10 percent ethanol and 90 percent gas - the maximum amount allowed by a regulatory cap. But the cars we have now can run on higher blends. Raising this cap by just 5 percent will make room for the next-generation of cleaner, better ethanol, while creating jobs and lowering pollution. It's time for E15.

1. STRONGER ECONOMY

Ethanol uses American labor, American resources and American ingenuity. By raising the regulatory cap, the jobs and tax revenue created will help put our country back on track. Technology, innovation and progress here in America will inspire workers, students and communities, while lowered unemployment rates would begin to put people's faith in our economy, spurring investment, spending and loans.



◆ A little more ethanol will do a lot for America, including the creation of 10,000 to 20,000 new jobs for every billion gallons produced.

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2. ENERGY INDEPENDENCE

Ethanol already replaces 661,000 barrels of petroleum per day. Most of that petroleum is imported from other countries. Raising the cap is the easiest, most practical step we can take right now toward energy independence.

3. LESS IMPORTED OIL

In 2008, the U.S. imported more than one billion dollars of oil a day. We're dangerously dependent on foreign oil - but every time we fill our tanks with ethanol-blended gasoline, the more self-reliant our country becomes. Every dollar we send overseas for oil drains \$1.59 from our economy.

4. REDUCED CAR EMISSIONS

Ethanol has replaced the harmful gasoline additive MTBE in most states, and also reduces formaldehyde and carbon monoxide emissions. Ethanol reduces greenhouse gas emissions by as much as 59 percent compared to gasoline - and even more with next-generation cellulosic ethanol. The reduction in carbon dioxide emissions thanks to E10 is already equivalent to taking 7 million cars off the road. With the regulatory cap on ethanol raised, it would be able to reduce harmful pollution even more.



◆ Ethanol is the lowest-emission fuel that works in the cars we already have.

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5. MORE JOBS

The U.S. Department of Energy estimates that for every one billion gallons of ethanol produced, 10,000 to 20,000 jobs will be created. These are green-collar jobs that will contribute to the tax base and can never be outsourced to another country.



◆ American agriculture is stronger than ever thanks to ethanol.

6. AGRICULTURE

U.S. ethanol production has created new, value-added markets for farm products, revitalizing agriculture and reducing government farm subsidies. Additionally, the main co-product from ethanol production is distillers grain, which is a highly nutritious feed for livestock production. The benefits of ethanol on agriculture will only increase as the industry grows.

7. BETTER FOR THE ENVIRONMENT

Beyond reducing our air pollution, ethanol also replaces oil imported from overseas - reducing the likelihood of oil spills. These costly environmental disasters put a massive toll on

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wildlife and coastal communities, as well as local industries like fishing that support those communities. If ethanol does come into contact with the environment, it's biodegradable, water-soluble and evaporates quickly, making it much safer to transport than oil.

8. RURAL DEVELOPMENT

New ethanol plants across the country have created hundreds of thousands of jobs, reinvigorating the heartland and spurring rural development all across America. The ethanol industry is also contributing to America's infrastructure by building new rails, factories and pipelines. No other fuel puts so much back into our country.



◆ Ethanol helps consumers save money at the pump.

9. LOWER GAS PRICES

Ethanol helps consumers save money at the pump. Recent studies have shown ethanol keeping the price of gas down by anywhere from 29 to 40 cents per gallon.

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◆ **By using ethanol produced in America, we reduce our dangerous dependence on oil from volatile regions.**

10. A MORE RELIABLE ENERGY SOURCE

Ethanol is 100 percent renewable, so we'll never run out of it. And because ethanol production is spread over several states with smaller refineries, it doesn't face the same natural disaster risks as oil refining, where the threat of a hurricane in the gulf can send prices skyrocketing. And soon ethanol will be mass produced from many sources, even agricultural waste, so supply isn't dependent on just one crop.

11. NATIONAL SECURITY

Overseas fossil fuel requires a large investment of our military forces. By using homegrown ethanol, we can begin to cut our stakes in volatile, oil-rich countries and bring our troops home. Ethanol reduces the need for huge foreign oil tankers, making our ports on every coast safer.

12. RENEWABLE ENERGY

Reducing greenhouse gas emissions and protecting the ecosystems that we all depend on is an international priority. Renewable ethanol is already replacing fossil fuels, and has the potential to replace them completely in the future.

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13. COMPETITION

Ethanol gives gasoline competition, not only reducing the price of gas it's blended into, but also preventing gasoline from having a fuel monopoly. That competition is also key to our long-term energy security. We literally can't afford to remain dependent on a single, non-renewable fuel.

14. INNOVATION

American ethanol is becoming better, less expensive and more efficient all the time. It can now be made from cellulose, a compound found in all plant matter, from agricultural waste to algae. This gives ethanol the potential to replace fossil fuels entirely within our lifetimes - but only if we allow the industry to grow and innovate by raising the regulatory cap on ethanol.

15. A BETTER FUTURE

Our continued dependence on foreign, non-renewable resources isn't helping our economy or our environment. By raising the regulatory cap on ethanol and letting the industry meet growing renewable fuel needs, we'll be creating hundreds of thousands of jobs, billions of dollars in tax revenue and reducing pollution, all inside our borders. It's also the next necessary step in bringing next-generation cellulosic ethanol to the mainstream.

Ethanol is more than a fuel. It's a solution.

It's time for E15. Get involved and visit GrowthEnergy.org to learn more.



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