

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

Equipment Unit

*Biodiesel Utilization Workshop*  
*University of Idaho*  
*Sept. 9-10, 2004*

Bruce Thompson  
Fleet Procurement Manager

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*Why Biodiesel?*

- Reduces emissions.
- Displaces foreign petroleum.
- Cost ranks well with other alternatives.

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*Vehicles / Infrastructure Modifications*


- Operates in conventional engines.
- Does not require special infrastructure.
- Install filter at tank.

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*Research Efforts*

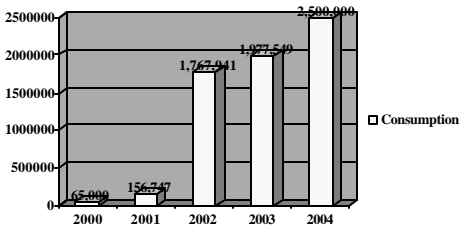
- NC State University
- Grant of \$80,000
- Emissions measurement



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*History of BioDiesel*




Year	Consumption
2000	65,000
2001	156,747
2002	1,767,941
2003	1,977,549
2004	2,500,000

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*Vehicles Using Biodiesel*



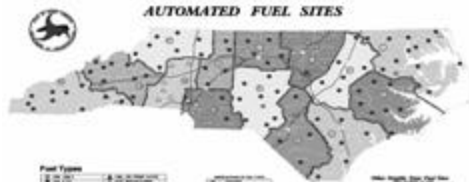


## State Contract

- Established in 2002
- Stabilizes prices
- Promotes competition



## State Fuel Sites



Fuel Types	
Gasoline	...
...	...

...	
...	...
...	...

...	
...	...
...	...