

Senate Resolution 516

By: Senator Tolleson of the 20th

A RESOLUTION

1 Congratulating the Tift County High School biodiesel project participants on winning first
2 place at the Georgia Conservancy 2007 Youth Environmental Symposium; and for other
3 purposes.

4 WHEREAS, the Youth Environmental Symposium (YES) is a state-wide competition
5 dedicated to developing knowledgeable, dedicated, and interested students who are more
6 aware of environmental issues that awards grant prizes of \$2,000, \$1,000, and \$500 to the
7 top three student-led projects; and

8 WHEREAS, Tift County High School students entered their biodeisel project, a petrodiesel
9 tractor converted into one that burns biodiesel fuel, to compete against 50 other schools'
10 projects and returned home with the \$2,000 award for first place; and

11 WHEREAS, this remarkable project was supervised by Tift County High School agricultural
12 mechanics teacher, Jimmy Cargle, and the students who participated were Marvin Chaney,
13 Michael Davis, Jarod Glatz, Trae Kirkland, Brandon Moore, Trey Payne, Brandon Ross, and
14 Will Sumner; and

15 WHEREAS, since October, 2006, students at Tift County High School have produced more
16 than 90 gallons of biodiesel fuel and have used their tractor to plow the school's one-acre
17 garden four times, burning fuel that costs an amazing 24 cents per gallon; and

18 WHEREAS, the students' formula for biodiesel fuel is a mixture of methyl alcohol,
19 potassium hydroxide, and recycled cooking oil from the school cafeteria, oil that the school
20 would have normally sent to the landfill in a 1000 gallon truck; and

21 WHEREAS, compared to normal diesel fuel, the students found that biodiesel fuel had
22 approximately 50 percent less ozone forming potential, and exhaust emissions of harmful

1 substances such as sulfur oxides, sulfates, and carbon monoxide were significantly reduced;
2 and

3 WHEREAS, in their extraordinary demonstration of resourcefulness and innovation, these
4 students have brought honor to their families, school, community, and the State of Georgia.

5 NOW, THEREFORE, BE IT RESOLVED BY THE SENATE that the members of this body
6 congratulate Jimmy Cargle and the Tift County High School biodiesel project participants
7 for winning first place at the Georgia Conservancy 2007 Youth Environmental Symposium
8 and extend to them their sincerest best wishes for the future.

9 BE IT FURTHER RESOLVED that the Secretary of the Senate is authorized and directed
10 to transmit an appropriate copy of this resolution to Jimmy Cargle.