

# BioHeat Reduces Emissions

Updated May 16, 2012

<b>PM:</b>	Particulate Matter
<b>SO<sub>2</sub>:</b>	Sulfur dioxide
<b>CO<sub>2</sub>:</b>	Carbon dioxide

## Emission Reductions by type, per gallon

Note: Actual reductions may vary depending on home heating appliance in service.

Calculations were made using the emissions calculator on the National Biodiesel Board website.

<u>Bio-Blend</u>	<u>PM</u>	<u>SO<sub>2</sub></u>	<u>CO<sub>2</sub> (%)</u>	<u>CO<sub>2</sub> (lbs)</u>
<b>B2</b>	-1.27%	-2%	-1.57%	-0.32
<b>B4</b>	-2.52%	-4%	-3.14%	-0.65
<b>B5</b>	-3.14%	-5%	-3.92%	-0.81
<b>B10</b>	-6.18%	-10%	-7.85%	-1.61
<b>B15</b>	-9.13%	-15%	-11.77%	-2.42
<b>B20</b>	<b>-11.99%</b>	<b>-20%</b>	<b>-15.69%</b>	<b>-3.22</b>
<b>B30</b>	-17.43%	-30%	-23.54%	-4.84
<b>B40</b>	-22.54%	-40%	-31.38%	-6.45
<b>B50</b>	-27.33%	-50%	-39.23%	-8.06
<b>B60</b>	-31.82%	-60%	-47.07%	-9.67
<b>B70</b>	-36.04%	-70%	-54.92%	-11.29
<b>B80</b>	-39.99%	-80%	-62.76%	-12.90
<b>B90</b>	-43.70%	-90%	-70.61%	-14.51
<b>B100</b>	-47.19%	-100%	-78.45%	-16.12