Crimson Renewable Energy Bakersfield
Bakersfield, CA

Simplified Calculator for Biodiesel and Renewable Diesel (Application Number B0921)

The applicant has conducted its analysis of carbon intensity for this pathway using the Biodiesel and Renewable Diesel Calculator (See https://ww2.arb.ca.gov/resources/documents/lcfs-life-cycle-analysis-models-and-documentation). The standard inputs and parameters specified in CA-GREET3.0 remain unchanged except as noted in the input table below. The input table below specifies the spreadsheet location of the CA-GREET3.0 inputs and other parameters that were claimed as confidential business information by the applicant, but it does not disclose the actual value of such inputs and parameters because they are claimed to be confidential business information or trade secret.

(Locations of cells containing Confidential Business Information are shown, but the actual values of such confidential information are not disclosed):

Parameter	**Values**	**Cell Location (Tab and Field Number)**
Pure Methanol, g CO2eq/MM BTU	[redacted]	CA-GREET, MeOH&FTD B and C 156 plus Results H742
Citric Acid, gCO2e/ton	[redacted]	CA-GREET, Ag Inputs, (EN57:EN67)
Sodium Hydroxide, gCO2e/ton	[redacted]	CA-GREET, Enzymes_Yeast, (F109)
Magnesium Oxide, gCO2e/ton	[redacted]	CA-GREET Catalyst, BJ91:BJ101
Phosphoric Acid, gCO2e/ton	[redacted]	CA-GREET Ag_Inputs G112
Sulfuric Acid, gCO2e/ton	[redacted]	CA-GREET Ag_Inputs F112
Simplified Calculator		
Chemicals	calculated	BD Production L167
Sodium Methylate		Calculated from BD tab Column I307:I317 with and without an input in I 295