The Jacobsen

Biodiesel



The Jacobsen Rules for Reporting Biodiesel (B100)

Custom Charting Tutorial

Jacobsen B100 Index™ 10/3/2019

	Today	Last Trading Day 10/2/201	19	Week Ago	Year Ago
Price	2.8115	2.8115		2.8260	3.0117
\$ Change		0.0000		-0.0145	-0.2002
% Change		0.0%		-0.5%	-6.6%
Region	Latest Price 10/3/2019	Change From 10/2/2019	Week Ago 9/26/2019	4 Weeks Ago 9/5/2019	1 Year Ago

Low Carbon Fuel Standard

California LCFS (\$/MT, UCO)	198.0000 - 201.0000	0.0000	200.1250	199.0000	192.0000	+
California LCFS (Cents Per Gallon, UCO)	181.3000 - 193.7000	0.0000	188.1000	185.6500	188.9000	+

Heating Oil - NYMEX Futures for November, 2019

SME Biodiesel FOB - Chicago Rule 11

B100Flat Price (\$/MT)	878.0000 - 908.0000	1.0000	892.5000	885.0000	894.0000	+
B100Flat Price (\$/gal)	2.9365 - 3.0368	0.0033	2.9849	2.9599	2.9900	+
B100Difference to Heating Oil w/ RINs (Cents/Gal)	106.0000 - 116.0000	0.0000	103.0000	107.0000	59.0000	+

SME Biodiesel FOB - US Gulf

B100Flat Price (\$/MT)	866.0000 - 896.0000	1.0000	▲ 881.0000	873.0000	882.0000	+
B100Flat Price (\$/gal)	2.8963 - 2.9967	0.0033	2 .9465	2.9197	2.9498	+
B100Difference to Heating Oil w/ RINs (Cents/Gal)	102.0000 - 112.0000	0.0000	99.0000	103.0000	55.0000	+
B99Difference to Heating Oil no RINs (Cents/Gal)	-5.0000	0.0000	-5.0000	-5.0000	-15.0000	+

SME Biodiesel FOB - New York Harbor

B100Flat Price (\$/MT)	887.0000 - 917.0000	1.0000	901.5000	894.0000	903.0000	+
B100Flat Price (\$/gal)	2.9666 - 3.0669	0.0033	3.0151	2.9900	3.0201	+
B100Difference to Heating	100,0000, 110,0000	0.0000	 106 0000	110,0000	60.0000	
Oil w/ RINs (Cents/Gal)	109.0000 - 119.0000	0.0000	106.0000	110.0000	62.0000	
B99Difference to Heating Oil no RINs (Cents/Gal)	-5.0000	0.0000	-5.0000	-5.0000	-10.0000	+

FAME 0 deg C CFPP/5 deg C Cloud Point FOB - USG

B100Flat Price (\$/MT)	836.0000 - 866.0000	1.0000	▲ 851.0000	843.0000	870.0000	+
B100Flat Price (\$/gal)	2.7960 - 2.8963	0.0033	▲ 2.8462	2.8194	2.9097	+
B100Difference to Heating Oil w/ RINs (Cents/Gal)	92.0000 - 102.0000	0.0000	89.0000	93.0000	51.0000	+
B99Difference to Heating Oil no RINs (Cents/Gal)	5.0000	0.0000	5.0000	5.0000	-20.0000	+

FAME 0 deg C CFPP/5 deg C Cloud Point FOB - NYH

B100Flat Price (\$/MT)	845.0000 - 875.0000	1.0000	▲ 860.0000	852.0000	879.0000	+
B100Flat Price (\$/gal)	2.8261 - 2.9264	0.0033	▲ 2.8763	2.8495	2.9398	+
B100Difference to Heating Oil w/ RINs (Cents/Gal)	95.0000 - 105.0000	0.0000	92.0000	96.0000	54.0000	+
B99Difference to Heating Oil no RINs (Cents/Gal)	5.0000	0.0000	5.0000	5.0000	-15.0000	+

Renewable Diesel

California LA (delivered \$/gal)	1.8460 - 1.9260	0.0030	▲ 1.9651	1.8985	-	+
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Biodiesel

B100LA CA dlvd (\$/MT)	1057.0000	1.0000	▲ 1057.0000	1049.0000	1103.0000	+
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D4 Biomass Based Diesel RIN

B18	52.5000 - 54.0000	3.2500	46.5000	39.0000	34.0000	+
B19	57.0000 - 58.0000	2.0000	4 9.7500	46.5000	36.5000	+

D6 Renewable Fuel RINs

E18	13.5000 - 15.0000	1.0000	▼ 10.5000	9.0000	13.2500	+
E19	23.5000 - 24.5000	0.2500	1 9.7500	17.7500	16.5000	+

D5 Advance Biofuel RINs

A18	50.5000 - 52.0000	3.2500	4 4.5000	37.0000	32.0000	+
A19	56.0000 - 57.0000	2.0000	48.7500	45.5000	34.5000	+

International Biodiesel

Region	Latest Price 10/3/2019	Change From 10/2/2019	Week Ago 9/26/2019	4 Weeks Ago 9/5/2019	1 Year Ago 10/4/2018	٢
PME – Malaysia / Indonesia	656.0000 - 671.0000	4.0000	▲ 669.5000	684.5000	708.5000	+
SME – Argentina	1018.0000 - 1063.000	0 22.0000	▲ 1011.5000	993.5000	1016.5000	+
TME – Rotterdam	655.0000 - 665.0000	27.0000	▼ 712.0000	744.0000	831.0000	+

Biodiesel(Cents/Gal)

B100Northeast	269.0000 - 289.0000	0.0000	278.0000	279.0000	300.0000	+
B100Lower Midwest	263.0000 - 284.0000	0.0000	273.5000	270.0000	289.5000	+
B100Southeast	268.0000 - 285.0000	0.0000	279.5000	268.0000	290.5000	+
B100South Central	253.0000 - 283.0000	0.0000	270.0000	262.5000	296.5000	+
B100Upper Midwest	268.0000 - 286.0000	0.0000	277.0000	272.0000	294.0000	+
B100Rocky Mountain	274.0000 - 294.0000	0.0000	284.0000	275.0000	302.5000	+
B100West Coast	330.0000 - 345.0000	0.0000	346.5000	341.0000	360.0000	+

Glycerine (FOB US Plant) (Cents/Lb)

Refined 99.7% USP	26.0000 - 28.0000	0.0000	27.0000	31.0000	42.0000	+
Refined 99.7% Tallow	22.0000 - 24.0000	0.0000	23.0000	30.0000	41.5000	+
Crude 80% Basis	4.5000 - 5.5000	0.0000	5.0000	4.7500	7.5000	+

Feedstock prices can be found in either the <u>Animal Fat & Oils Price Guide</u> Or the <u>Vegetable</u> <u>Oil Guide</u>.

Biodiesel Bulletin

Biodiesel Market

Trump administration expected to make biofuel announcement Friday

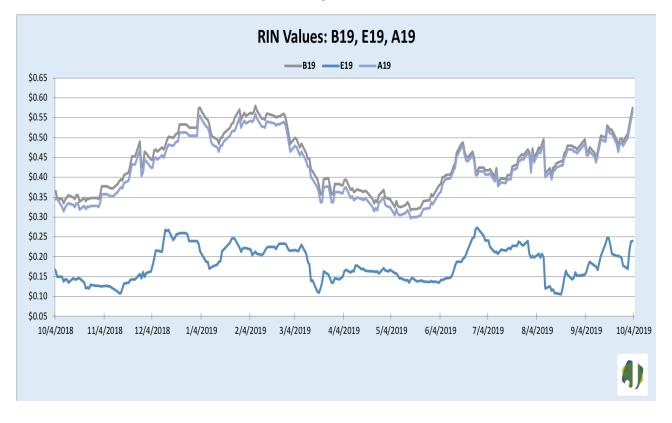
The announcement was originally proposed weeks ago and was intended to make up/account for some of the damage inflicted on the renewable fuels industry by the EPA's use of small refinery waivers. What was intended to be an easy announcement for the president, as well as one intended to shore up agricultural support for the coming election, became anything but easy as the oil industry let the president know that they were vehemently opposed to any concessions being granted at their expense.

The pending proclamation is expected to follow the particulars that were originally laid out. There would be a boost to biofuel blending mandates for future years based on a rolling three-year average of gallons exempt by the EPA through use of the small refinery exemptions (SREs). There is also expected to be an increase for ethanol and advanced biofuel production mandates.

There have been many cooks in the kitchen on this deal, so it might be interesting to see what it looks like after the dust settles. One thing the deal is not supposed to include is any type of caps placed on RIN values.

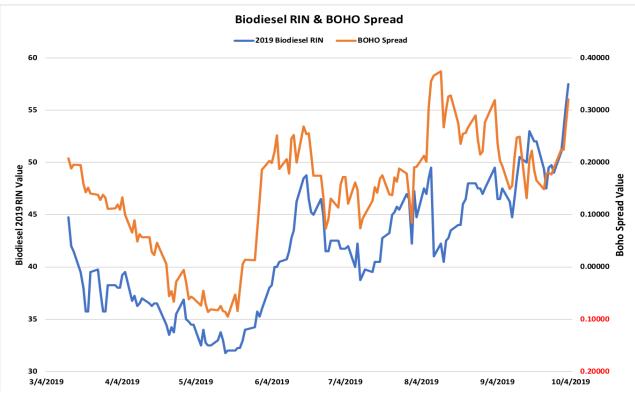
RINs have been riding a wave of excitement on the pending announcement. The 2019 biodiesel RIN has rallied 17 percent, or 8.5 cents, this week to an eight-month high. The 2019 Ethanol RIN jumped 35 percent, or 6.25 cents, falling just short of a two-week high.

While anticipation of increased blending for biofuels has helped to rally the RIN market, rising soybean oil and falling heating oil prices have been working to dim the blending outlook. Soybean oil has risen 4.4 percent in value this week while heating oil prices have fallen 3.4 percent. Stroger bean oil and lower heating oil prices combine to push the bean oil/heating oil spread higher. The BOHO is up 13 cents per gallon and at a 7-week high.

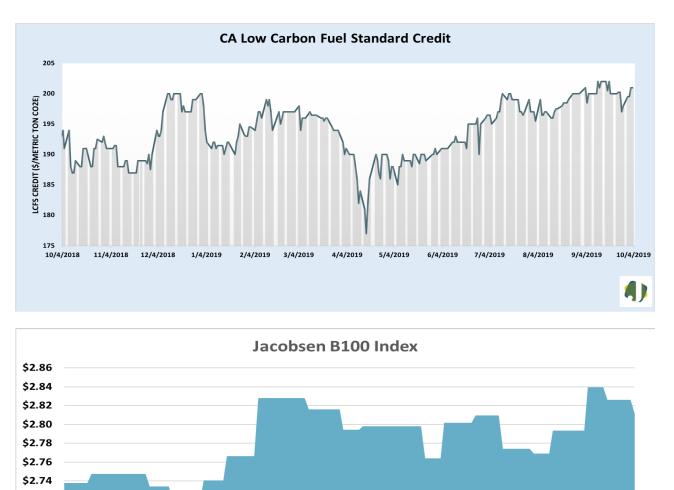


Daily Charts





\$2.72 \$2.70 \$2.68 \$2.66 \$2.64



INDUSTRY-RELATED NEWS

LIEVESTRIESTRIES (12/12) (12/1

October 02 (UPI) U.S. farm bankruptcies rise as trade war drags on - Between July 2018 and June 2019, the number of farms that filed for Chapter 12 bankruptcies rose by 13 percent over the previous year,..Loan delinquency rates have reached a six-year high. And nearly 13,000 farms disappeared in 2018, <u>READ MORE</u>

Sep 03 (Reuters) Oil industry urges Trump administration to dismiss biofuel industry wish list - The American Petroleum Institute on Tuesday urged the Trump administration to reject proposals floated by U.S. farmers and ethanol producers to boost ethanol demand, the latest development in the clash over biofuel policy. President Donald Trump last week said his administration was planning a "giant package" related to ethanol that would please U.S. farmers angry that many more oil refiners have been freed from obligations to use the corn-based fuel. <u>READ MORE</u>

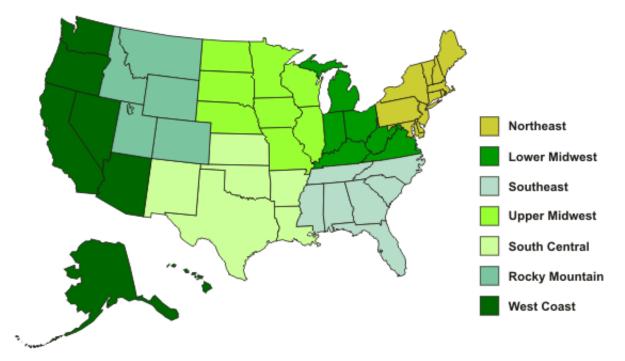
Aug 16 (KCCI) Grassley says EPA 'screwed' farmers with biofuels exemptions - During a taping of Iowa Public Television's "Iowa Press" program Friday, Grassley was asked his thoughts on 31 refinery exemptions the Environmental Protection Agency

issued for 2018 and approved after a review last week. He responded: "They screwed us." President Donald Trump promised farmers , who largely supported him in the 2016 election, he would support ethanol production. <u>READ MORE</u>

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Biodiesel (B100) Reporting Regions



To view current B100 price vs cost estimate charts, click here.

If you would like to contribute pricing/trade information, please contact Bob Lane at <u>bob@thejacobsen.com</u> or 847-549-3640. Questions, comments, or corrections are always welcomed **USE LIMITATION:** Unless expressly specified, you may not modify, copy, distribute, transmit, display, perform, reproduce, publish, license, create derivative works from, transfer, or sell any information, software, products or services obtained from the JPC Sites/Services. All rights not expressly granted herein are reserved.

Footnotes

- 1. All prices are FOB unless otherwise noted.
- 2. An asterisk (*) denotes a price correction/adjustment versus the previously reported price.

Commodity Added to Dashboard

× View the Dashboard