

# Availability of feedstocks for biofuel use

Prepared for  
National Oilseed Processors Association

## KEY HIGHLIGHTS

Contacts:

Juan Sacoto - [juan.sacoto@spglobal.com](mailto:juan.sacoto@spglobal.com)

Jean-Benoit Deloron - [jeanbenoit.deloron@spglobal.com](mailto:jeanbenoit.deloron@spglobal.com)

July 2024

**S&P Global**

Commodity Insights





## Outlook

- S&P Global Analysis concludes that present volumes of domestic feedstock production meets and exceeds the existing RVO targets through 2025.
- Industry investment in processing capacity expansion can support additional feedstock production to meet larger future volume obligations by up to 1.4 billion gallons.
- Imported feedstocks can further support future domestic biodistillate production by an additional 1 billion gallons.



## Production

- Domestic feedstock production alone can cover and exceed RVO targets for 2025.
- US feedstock production could add 1.4 billion gallons of biodistillate by 2030. Of this 1.4 billion, ~ 1 billion gallons will come from an increase in soybean oil production supported by new crush facilities in the US.

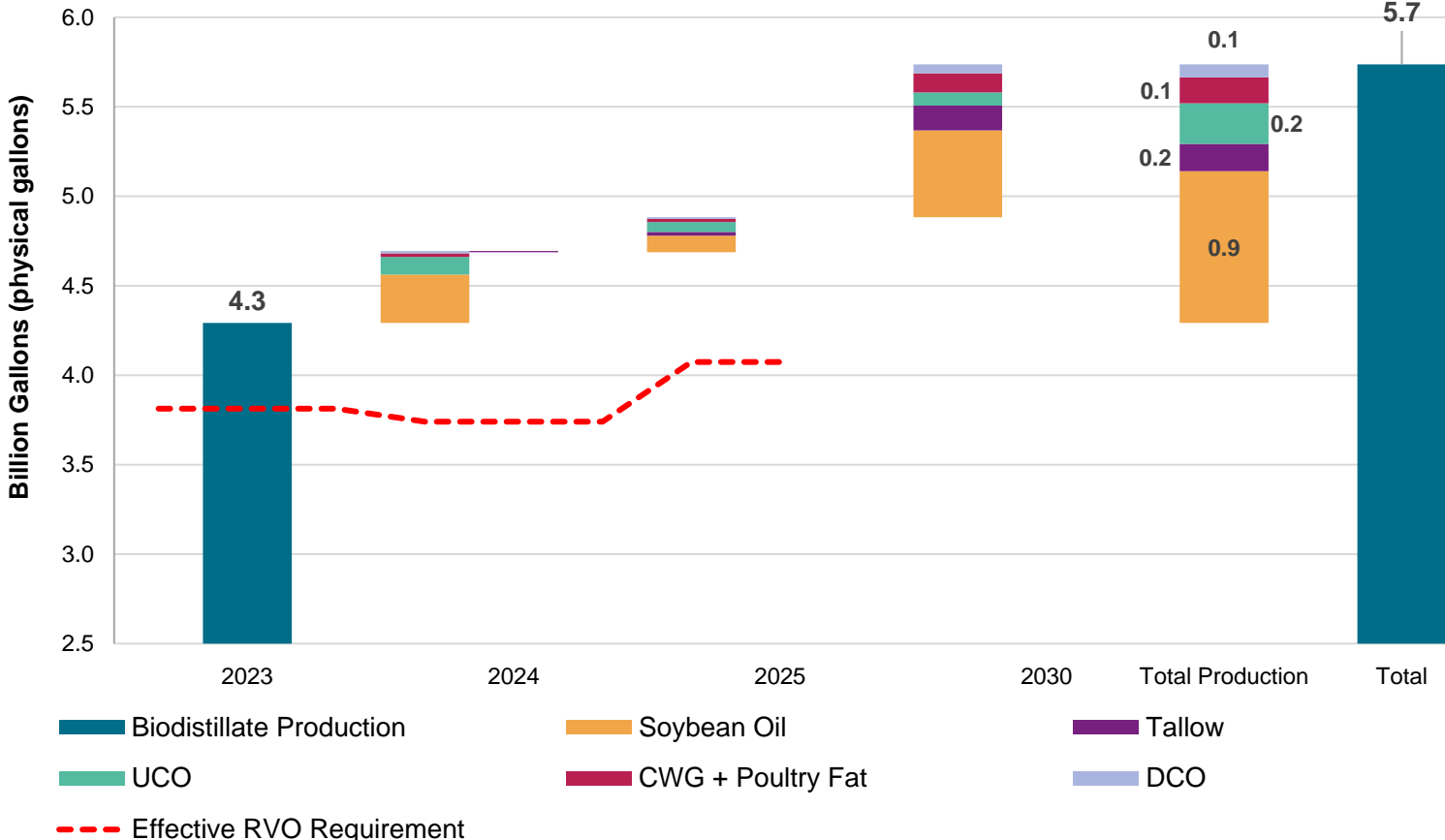


## Imports

- Feedstock imports through 2030 could account for an additional 1 billion gallons of biodistillate production per year.
- Feedstock imports represent, however, a risk due to traceability concerns, risk of trade tariffs, and development of biofuel policies in feedstock exporting countries which limit future availability for trade.

# US feedstock production can be sufficient to cover and exceed current RVOs targets

US biomass feedstock production for biodistillate measured in physical gallons<sup>1, 2, 3</sup>



Source: S&P Global Commodity Insights  
© 2024 S&P Global

1. Biodistillate domestic production is sourced from the U.S. Energy Information Administration: Monthly Energy Review, with data last updated on March 26, 2024.  
 2. The effective RVO Requirement is determined as the volume (in billion physical gallons) of production to meet EPA RVO blend targets. This represents the demand potential from all non-cellulosic fuels that qualify for D4 or D5 RINs which includes biodistillates or biofuels such as bionaphta or sugarcane ethanol. This does not account for RIN carry-overs and small refinery exemptions.  
 3. It is assumed that all soybean oil production for biofuels comes from domestic production, while low carbon feedstocks are split between imports and domestic production.  
 © 2024 by S&P Global Inc. All rights reserved.

- Based on SPGCI analysis, US feedstock production through 2030 can add an additional ~1.4 billion gallons of biodistillate

- Soybean oil's increased production and availability accounts for ~ 60% of future US feedstock availability.
- With favorable economics and increased capacity, domestic vegetable oil production can support higher volumes.

- Tallow and UCO's small share of production suggests that most of the domestic supply that can shift to biodistillates has already done so.
- Additional availability of these feedstocks will be dependent on imports.

# Disclaimer

S&P Global Commodity Insights is a business division of S&P Global Inc. ("SPGCI"). The reports, data, and information referenced in this document ("Deliverables") are the copyrighted property of SPGCI and represent data, research, opinions, or viewpoints of SPGCI. SPGCI prepared the Deliverables using reasonable skill and care in accordance with normal industry practice. The Deliverables speak to the original publication date of the Deliverables. The information and opinions expressed in the Deliverables are subject to change without notice and SPGCI has no duty or responsibility to update the Deliverables (unless SPGCI has expressly agreed to update the Deliverables). Forecasts are inherently uncertain because of events or combinations of events that cannot reasonably be foreseen including the actions of government, individuals, third parties and competitors. The Deliverables are from sources considered by SPGCI (in its professional opinion) to be reliable, but SPGCI does not assume responsibility for the accuracy or completeness thereof, nor is their accuracy or completeness or the opinions and analyses based upon them warranted.

To the extent permitted by law, SPGCI shall not be liable for any errors or omissions or any loss, damage, or expense incurred by reliance on the Deliverables or any statement contained therein, or resulting from any omission. THE DELIVERABLES ARE PROVIDED "AS IS" AND TO THE MAXIMUM EXTENT ALLOWED BY LAW, NEITHER SPGCI, ITS AFFILIATES NOR ANY THIRD-PARTY PROVIDERS MAKES ANY REPRESENTATION, WARRANTY, CONDITION, OR UNDERTAKING, WHETHER EXPRESS, IMPLIED, STATUTORY OR OTHERWISE, RELATING TO THE DELIVERABLES OR THE RESULTS OBTAINED IN USING THEM; INCLUDING: A) THEIR MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE; OR B) THEIR CONTINUITY, ACCURACY, TIMELINESS OR COMPLETENESS. The Deliverables are supplied without obligation and on the understanding that any recipient who acts upon the Deliverables or otherwise changes its position in reliance thereon does so entirely at its own risk.

The Deliverables should not be construed as financial, investment, legal, or tax advice or any advice regarding any recipient's corporate or legal structure, assets or liabilities, financial capital or debt structure, current or potential credit rating or advice directed at improving any recipient's creditworthiness nor should they be regarded as an offer, recommendation, or as a solicitation of an offer to buy, sell or otherwise deal in any investment or securities or make any other investment decisions. The Deliverables should not be relied on in making any investment or other decision and should not in any way serve as a substitute for other enquiries or procedures which may be appropriate. Nothing in the Deliverables constitutes a solicitation by SPGCI or its Affiliates of the purchase or sale of any loans, securities or investments. The Deliverables do not constitute legal advice and SPGCI did not act in the capacity of lawyers under any jurisdiction in the preparation of Deliverables. SPGCI is not a registered lobbyist and cannot advocate on anyone's behalf to government officials regarding specific policies.

S&P Global Inc. also has the following divisions: S&P Dow Jones Indices, S&P Global Market Intelligence, S&P Global Mobility, and S&P Global Ratings, each of which provides different products and services. S&P Global keeps the activities of its business divisions separate from each other in order to preserve the independence and objectivity of their activities. SPGCI publishes commodity information, including price assessments and indices and maintains clear structural and operational separation between SPGCI's price assessment activities and the other activities carried out by SPGCI and the other business divisions of S&P Global Inc. to safeguard the quality, independence and integrity of its price assessments and indices and ensure they are free from any actual or perceived conflicts of interest. The Deliverables should not be construed or regarded as a recommendation of any specific price assessment or benchmark.

No portion of the Deliverables may be modified, reproduced, reused, or otherwise distributed in any form without the prior written consent of SPGCI (to be granted or withheld in SPGCI's absolute discretion).

Unless SPGCI has expressly agreed otherwise, the Deliverables are not works-made-for-hire and SPGCI shall own all right, title, and interest in and to the Deliverables, including all intellectual property rights which subsist in the Deliverables. Use of the Deliverables is subject to any licence terms and restrictions agreed between SPGCI and the commissioning Client. The SPGCI name(s) and logo(s) and other trademarks appearing in the Deliverables are the property of S&P Global Inc., or their respective owners.