



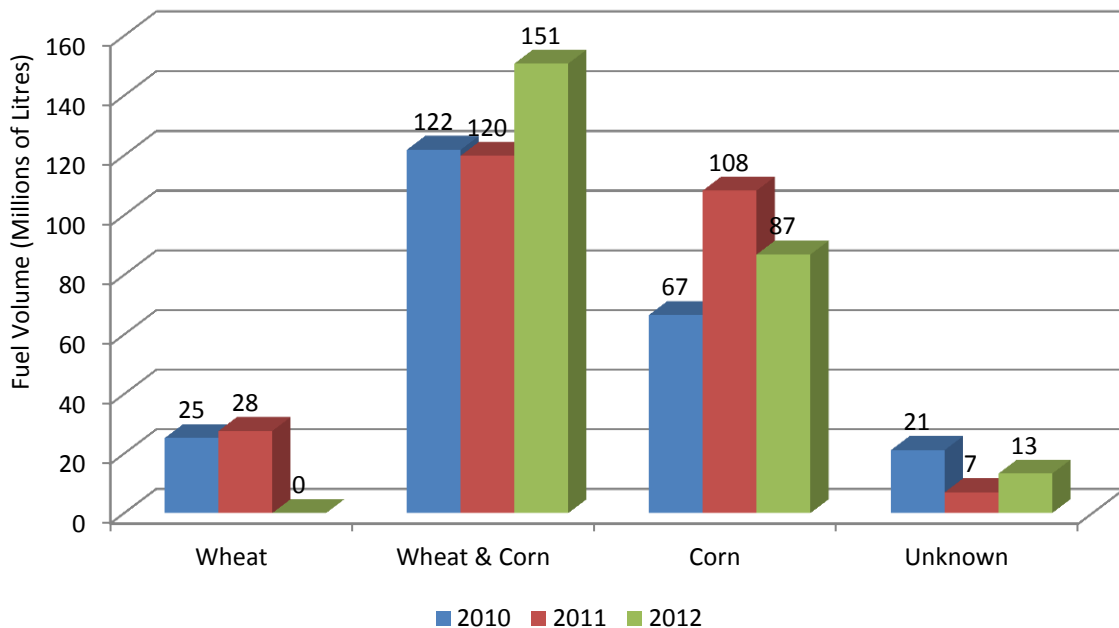
The graphs below represent the fuel volumes supplied in British Columbia grouped by feedstock, for the first three years of the Renewable and Low Carbon Fuel Requirements Regulation (the Regulation). The first three years of the Regulation required reporting only and did not enforce a reduction in carbon intensity of the transportation fuel pool. The Regulation requires lowering the carbon intensity of British Columbia’s transportation energy 10% by 2020, and has required reductions to support that goal since July 1, 2013.

The compliance reports allow the feedstocks for renewable fuel to be identified. The precision of feedstock identification has improved significantly with the introduction of pre-approved pathways on July 1, 2013.

Ethanol

The volume of ethanol with an unknown carbon intensity and feedstock is decreasing due to awareness of the importance of a fuel’s carbon intensity. In 2012, the lack of wheat-only ethanol is unexpected, as ethanol produced from wheat typically has a low carbon intensity.

Ethanol by Feedstock (2010 to 2012)

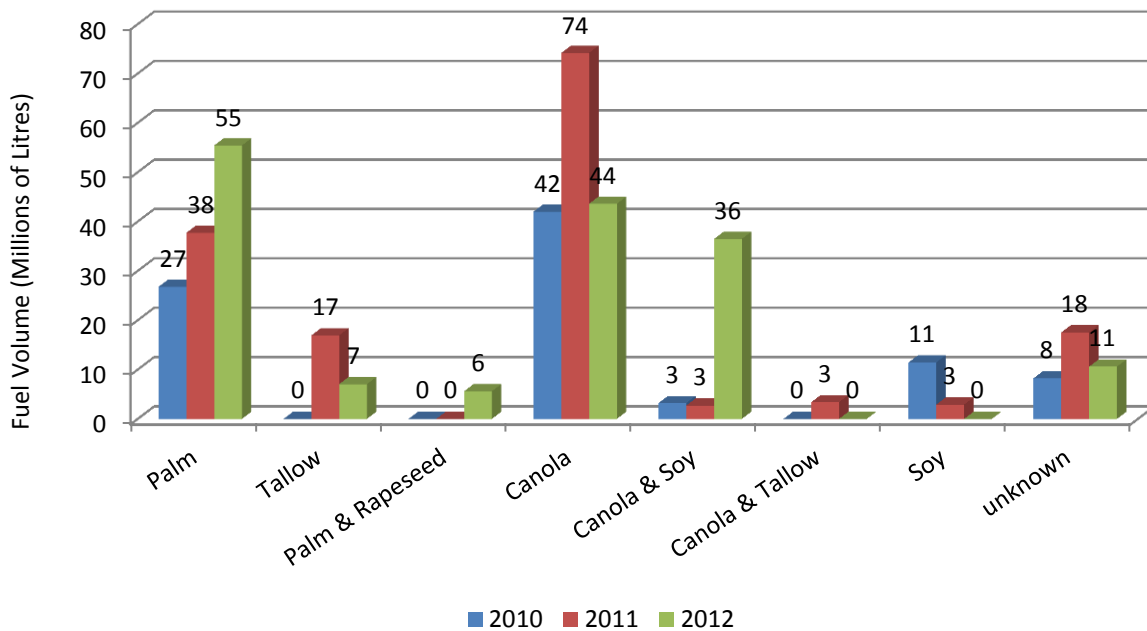




Renewable Diesel

The quantity of biodiesel and HDRD with an unknown carbon intensity and feedstock is decreasing due to awareness of the importance of a fuel's carbon intensity. It is not clear why biodiesel from soy was not supplied in 2012, as biodiesel produced from soy typically has a low carbon intensity. The increase in the amount of HDRD produced from palm oil is due to the availability of this feedstock and the relatively low carbon intensity in GHGenius before version 4.03. GHGenius version 4.03 introduced new information regarding sources of palm oil that leads to a carbon intensity of 93.93 g CO₂e/MJ. As a result, the quantity of palm-based fuel is expected to decrease significantly beginning in January 2015.

Renewable Diesel by Feedstock (2010 to 2012)



Need more information?

Please see the Renewable and Low Carbon Fuel website at

<http://www.empr.gov.bc.ca/RET/RLCFRR/Pages/default.aspx> or email us at lcfr@gov.bc.ca

This information is for your convenience and guidance only, and does not replace or constitute a legal interpretation of the legislation. The *Greenhouse Gas Reduction (Renewable and Low Carbon Fuel Requirements) Act* and the Renewable and Low Carbon Fuel Requirements Regulation can be found on the internet at: <http://www.bclaws.ca>.