

IFPRI SEMINAR SERIES

Food vs Fuel V2.0: Impacts of Biofuels on Agricultural Markets and Food Security

Co-organized by IFPRI and Agricultural Market Information System (AMIS)

JAN 24, 2023 - 9:00 TO 10:30AM EST

Biodiesel Trends

Siegfried Falk

Co-editor of OIL WORLD

ISTA Mielke GmbH

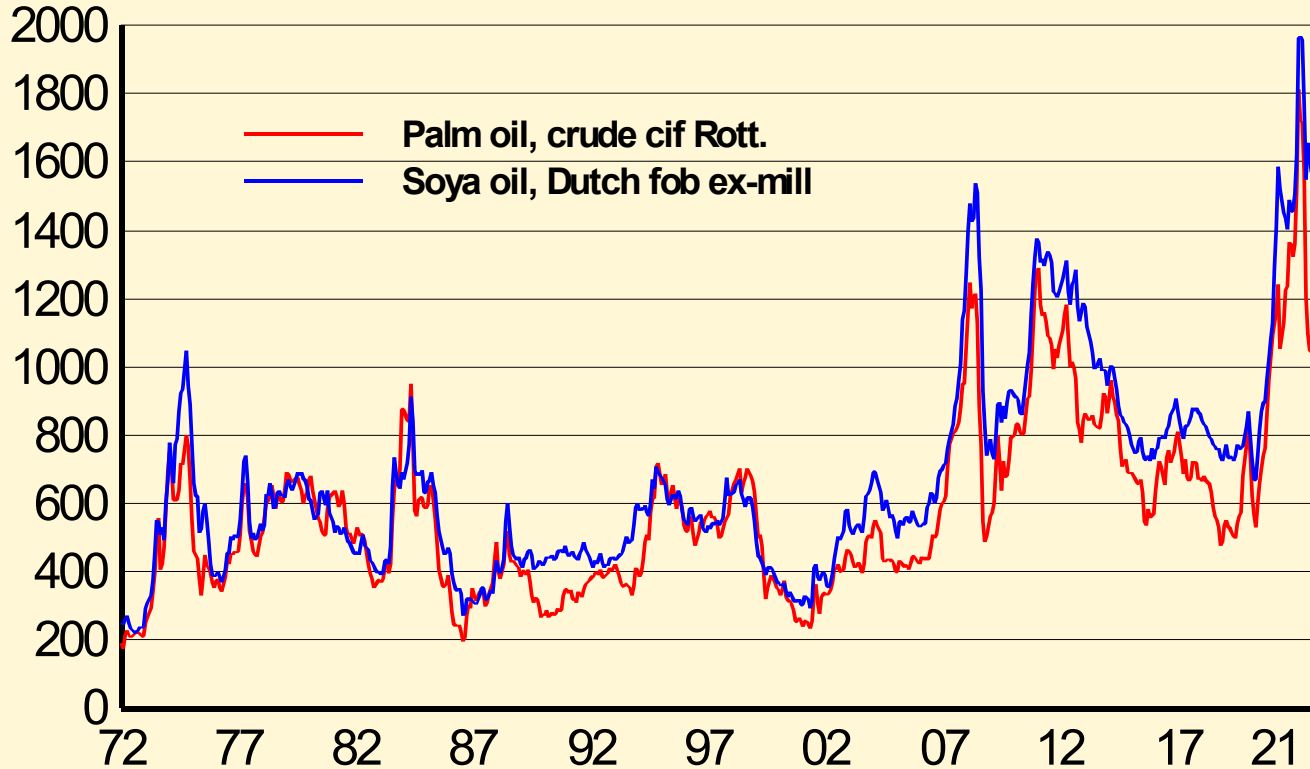
Hamburg, Germany

siegfried.falk@oilworld.de

[www.twitter.com/ OILWORLD](https://www.twitter.com/OILWORLD)



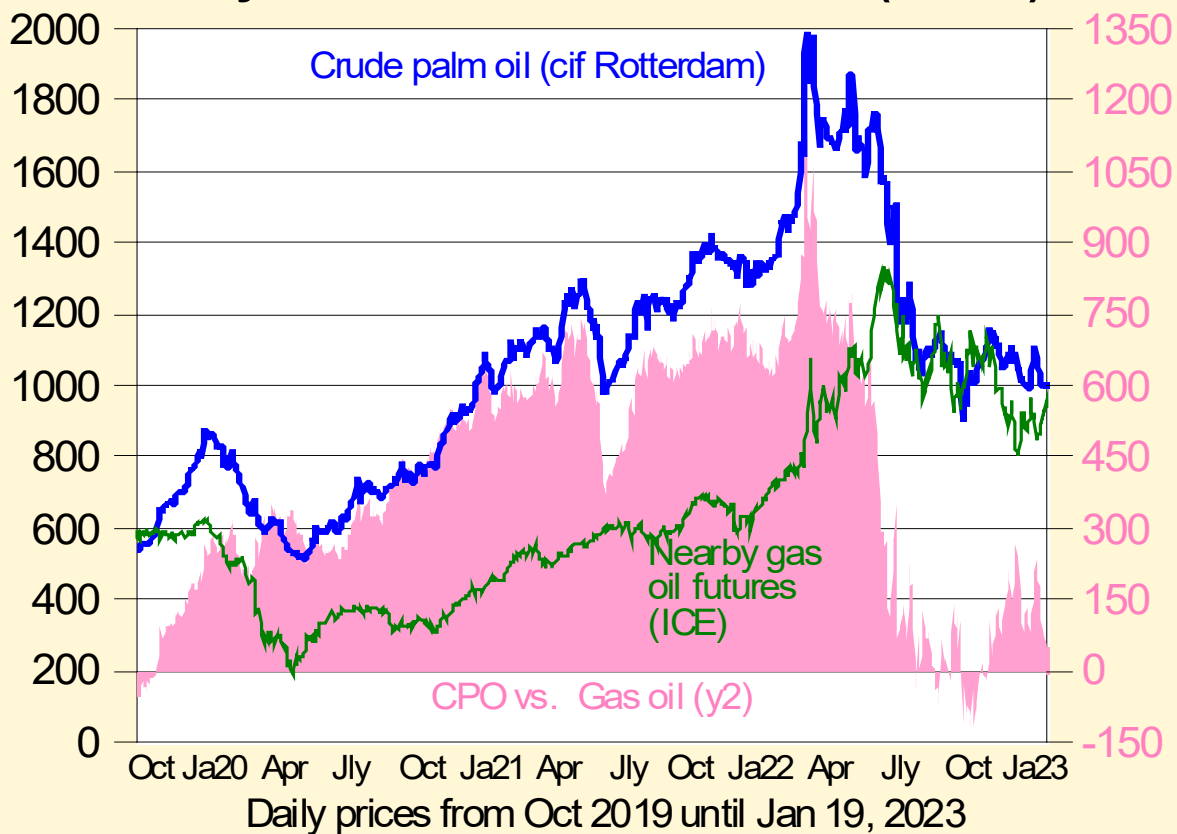
Soya Oil & Palm Oil: Monthly Prices (US-\$/MT)



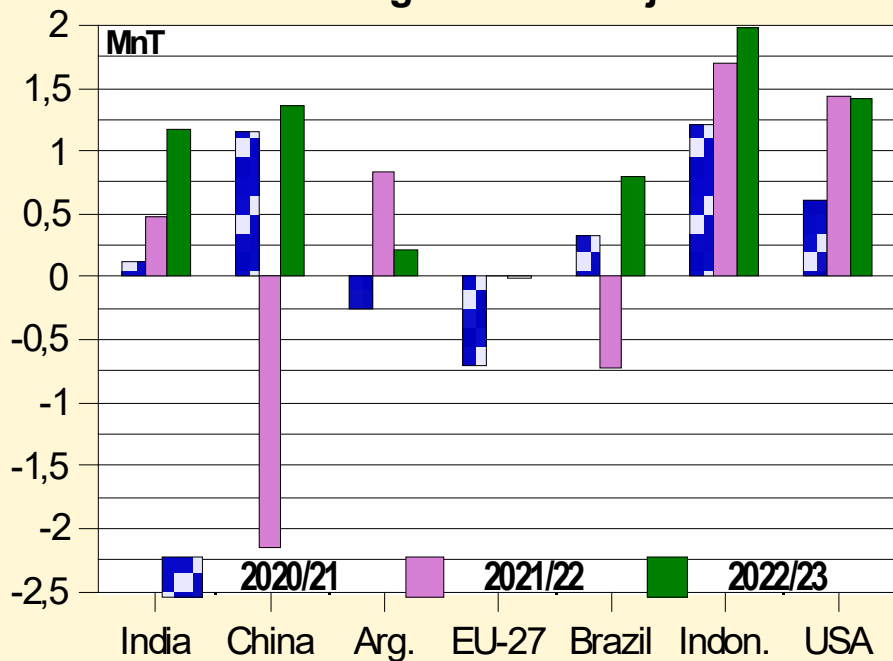
Monthly prices from January 1972 until 19 Jan 2023



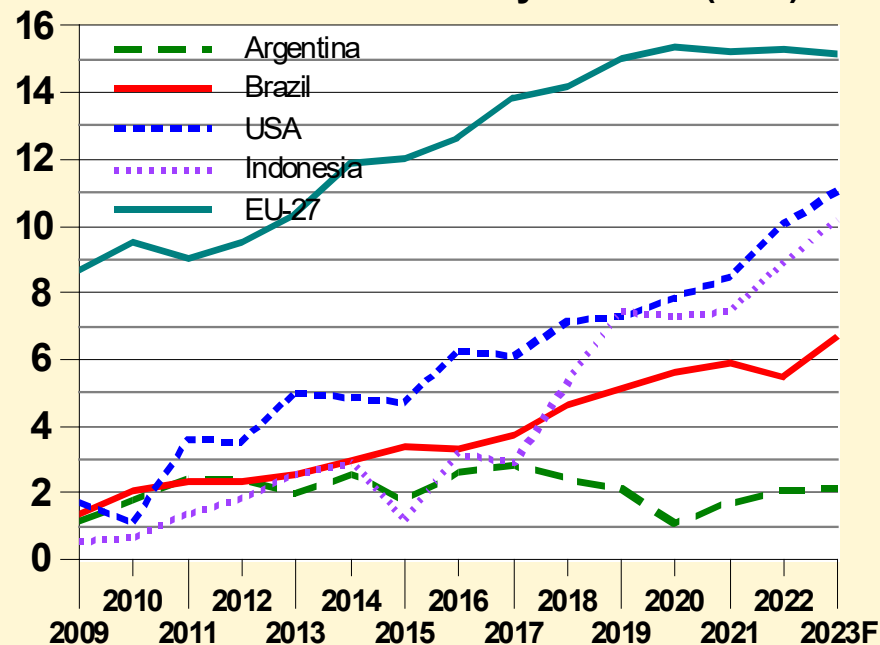
Daily Prices of Palm Oil & Gas Oil (US-\$/T)



17 Oils & Fats: Usage Growth in Major Countries

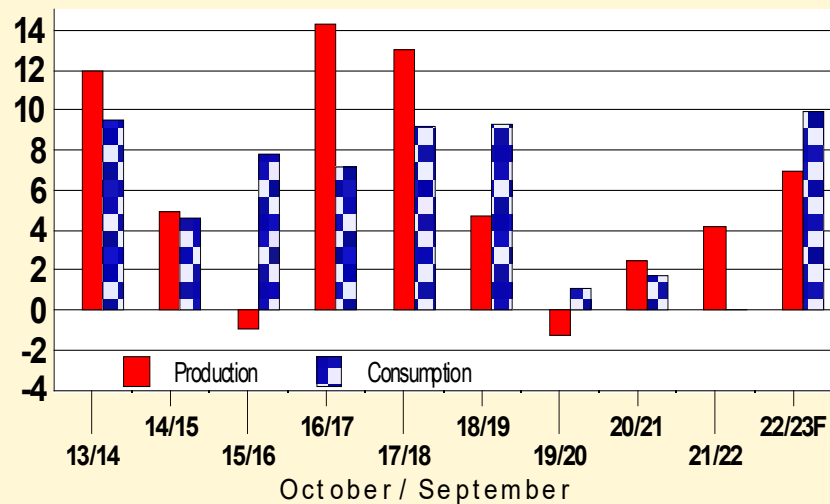


Production of Biodiesel in Key Countries (Mn T)



17 OILS & FATS: Production & Use

Change From Year Ago in Mn T



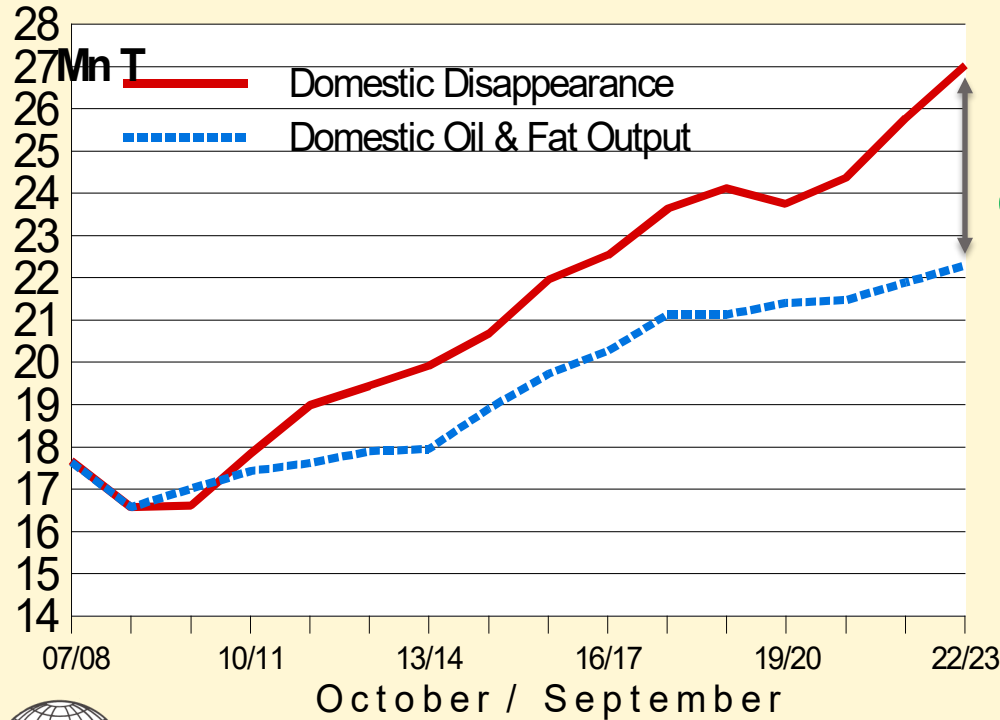
17 OILS & FATS : World Supply & Demand (Mn T)

	Forecast	October / September			
	22/23F	21/22	20/21	19/20	18/19
Op'g stocks.	33.69*	31.00	31.27	32.87	32.67
Production.	252.38*	245.46*	241.32	238.87	240.12
Annual change	+2.8%	+1.7%	+1.0%	-0.5%	+2.0%
Imports	95.83*	89.38*	95.90	96.23	96.90
Exports	95.71*	90.24*	95.63	96.54	97.72
Consumption. . .	251.84*	241.90*	241.86	240.15	239.10
Annual change.	+4.1%	±0%	+0.7%	+0.4%	+4.1%
End stocks.	34.35*	33.69*	31.00	31.27	32.87
Stocks/usage . .	13.6%	13.9%	12.8%	13.0%	13.7%



Effects of Biodiesel/HVO Boom...

U.S.A: Production & Demand of Oils/Fats

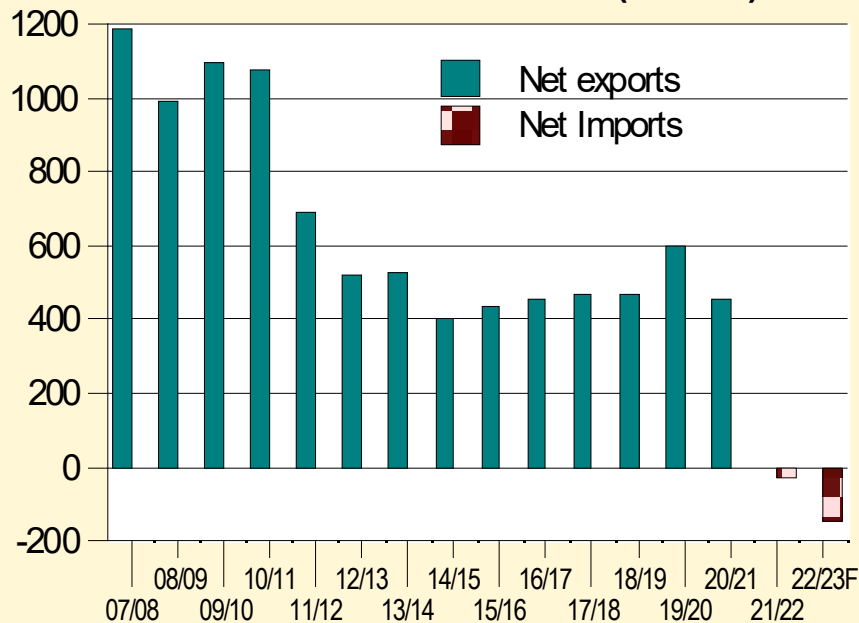


U.S.A.: Production & Imports of Biodiesel/HVO					
(1000 T)	Dec 2022	Nov 2022	Dec 2021	Jan/Dec 2022	2021
Production	985	1042	946	10231	8494
Biodiesel.	482	471	552	5394	5678
HVO	503	571	394	4837	2816
Imports	288	229	336	2287	2263
Biodiesel.	143	113	171	800	694
HVO	145	116	165	1487	1569

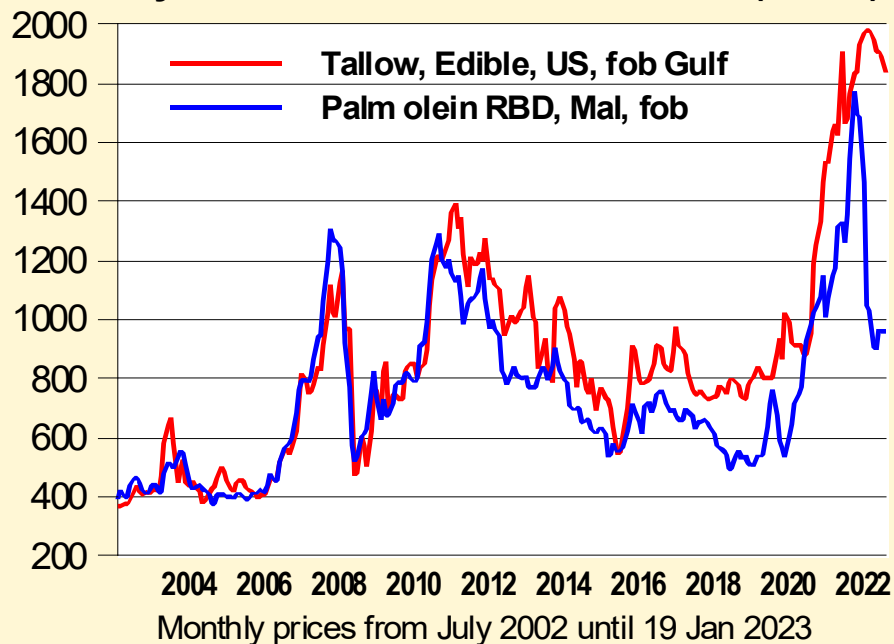
Note: Quantities used to generate renewable identification numbers (RINs). Source: EPA.



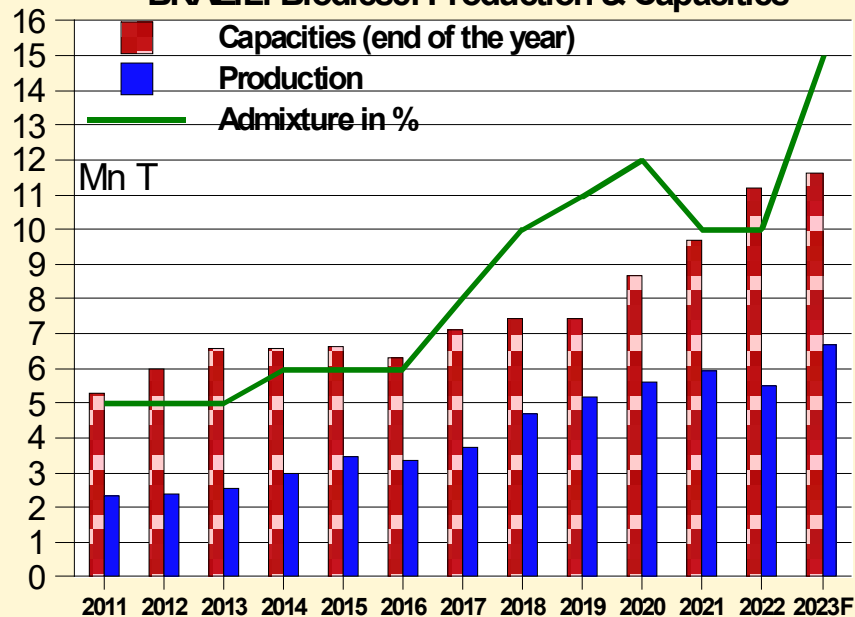
U.S.A.: Trade of Tallow & Greases (1000 T)



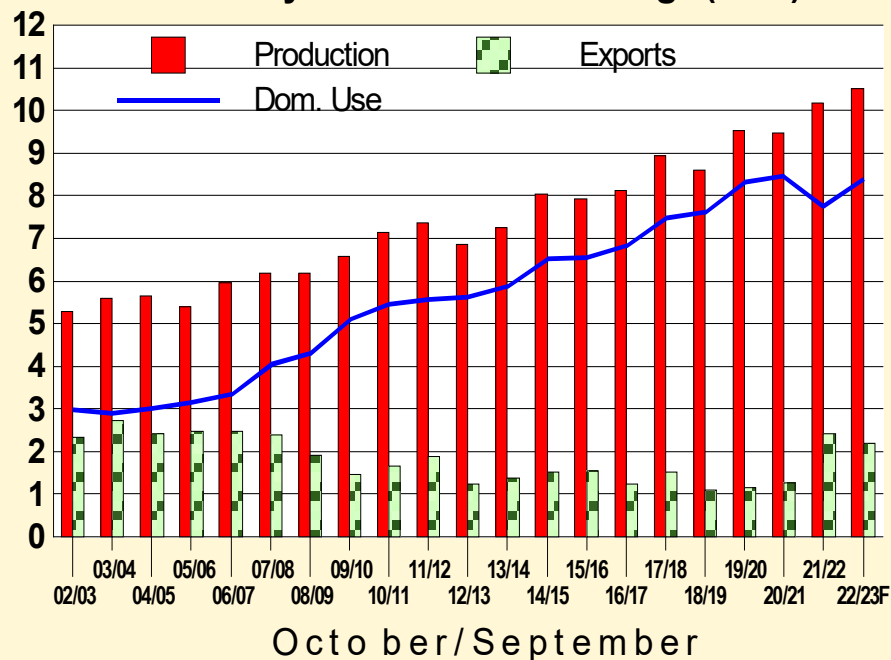
Monthly Prices of Tallow & RBD Palm Olein (US-\$/T)



BRAZIL: Biodiesel Production & Capacities



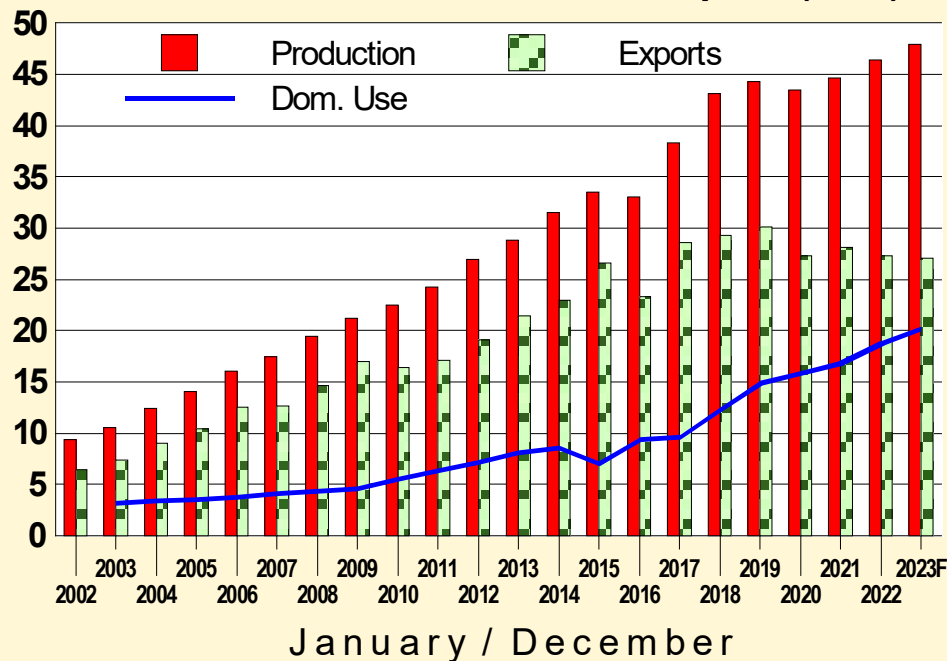
BRAZIL: Soya Oil Production & Usage (Mn T)



INDONESIA : Balance of Palm Oil (Mn T)

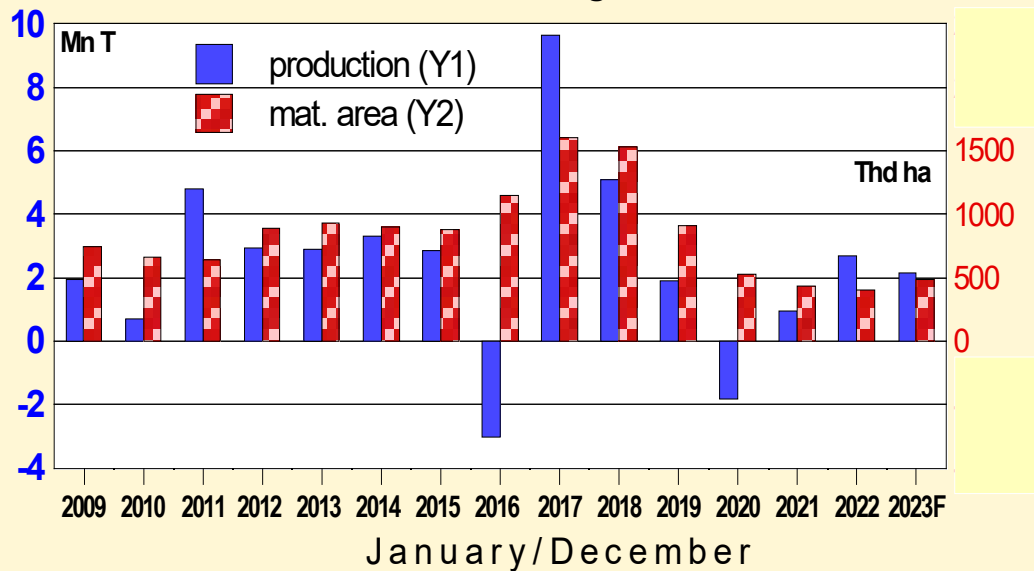
	January / December				
	2023F	2022	2021	2020	2019
Op'g stocks	5.53*	4.80*	5.00*	4.65*	5.30*
Production .	47.90*	46.45*	44.65*	43.48*	44.30*
Imports	.01*	.01*	.01*	.01	.10
Exports	27.44*	26.96*	28.09*	27.26	30.12
Dom. use . . .	20.20*	18.77*	16.77*	15.88*	14.93*
<i>Biodiesel . .</i>	<i>9.90*</i>	<i>8.80*</i>	<i>7.47*</i>	<i>7.35*</i>	<i>7.48*</i>
Other use .	10.30*	9.97*	9.30*	8.52*	7.45*
End. stocks . .	5.80*	5.53*	4.80*	5.00*	4.65*

INDONESIA: Palm Oil Production & Exports (Mn T)

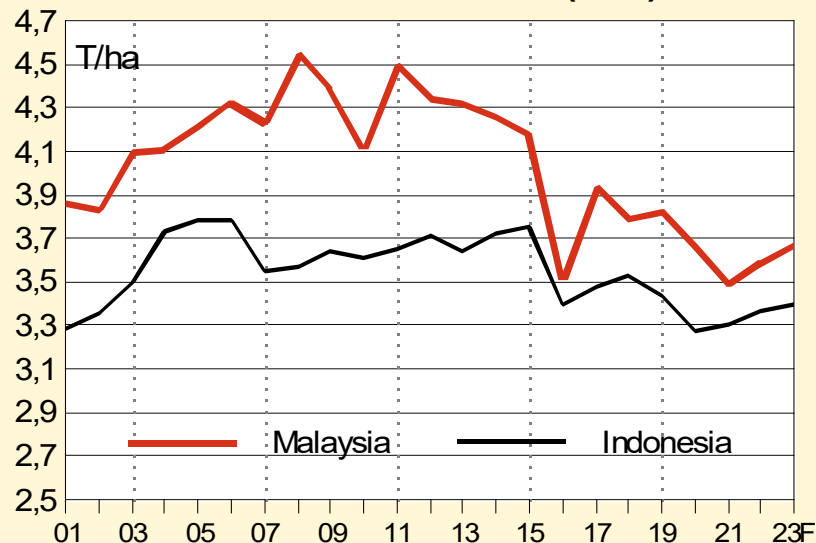


PALM OIL : World Production & Area

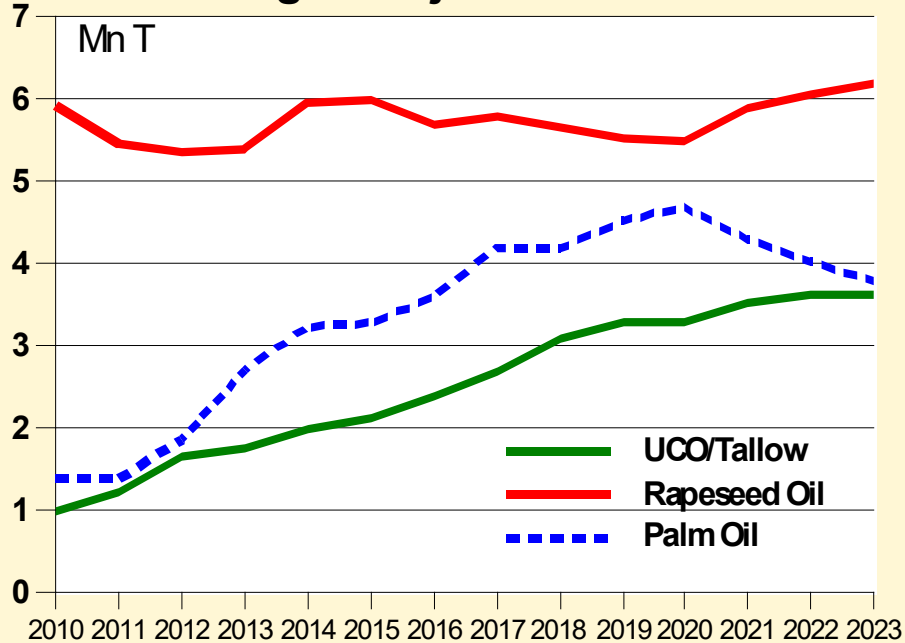
Annual Changes



Annual Palm Oil Yields (T/ha)



EU-27: Usage of Major Biodiesel Feedstock

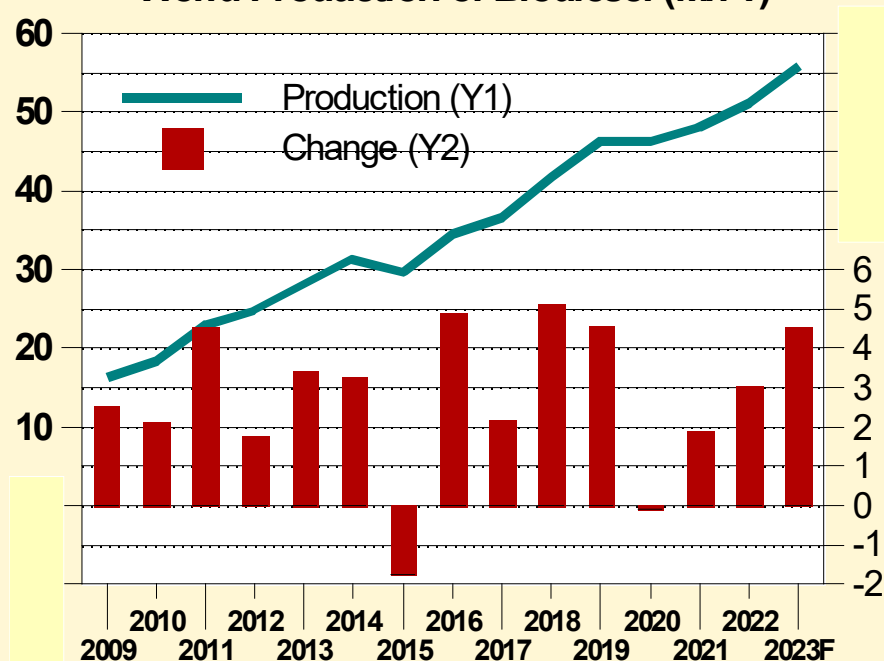


Exports of Biodiesel to EU-27 (1000 T)

	January/December				
from:	2022	2021	2020	2019	2018
Argentina . .	1249	1260	597	987	1299
China, PR. .	1690	1248	891	879	290
Indonesia . .	105*	50	23	502	807
Malaysia . . .	340*	327	326	539	253
Total	3384	2885	1837	2907	2649



World Production of Biodiesel (Mn T)

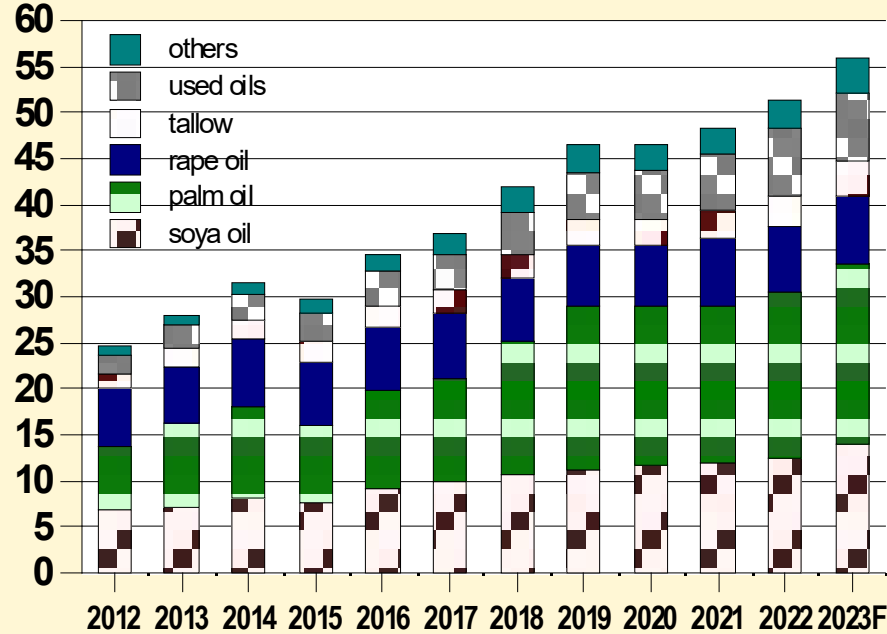


BIODIESEL (a): World Production by Country (Mn T)

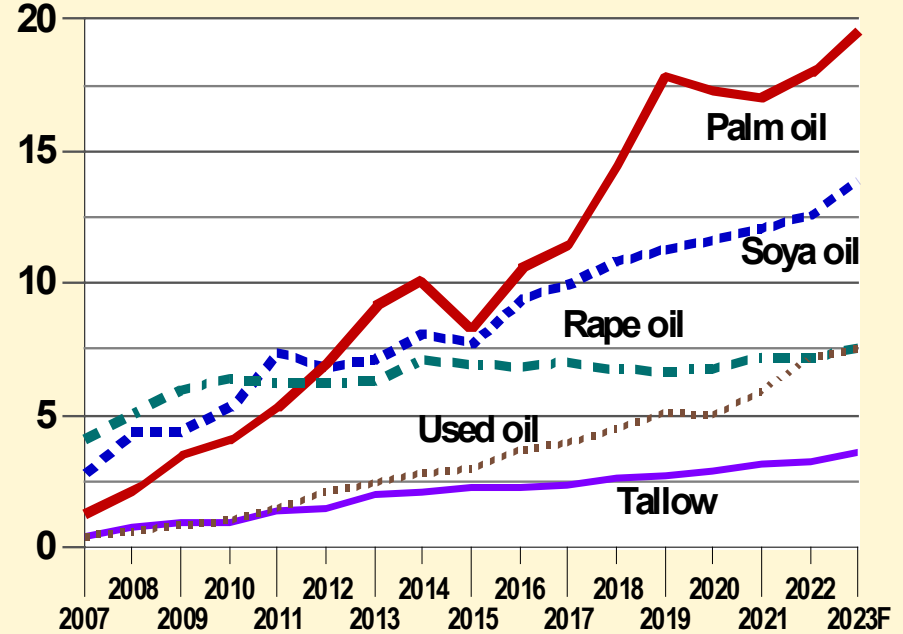
	January / December				
	2023F	2022	2021	2020	2019
EU-27.....	15.20*	15.30*	15.24	15.40	15.01
U.K.	.31*	.31*	.33	.31	.44
U.S.A.....	11.10*	10.19	8.49	7.85	7.35
Canada. ...	.64*	.58*	.67	.64	.57
Argentina ..	2.20*	1.97*	1.72	1.16	2.15
Brazil	6.67*	5.50*	5.91	5.62	5.16
China	2.50*	2.20*	1.80	1.50	1.00
Colombia ..	.71*	.69*	.67	.53	.58
Singapore..	2.10*	1.75*	1.80	1.80	1.75
Indonesia ..	10.20*	8.90*	7.47	7.35	7.48
Malaysia...	.98*	.87*	.92	.91	1.42
Thailand. ..	1.60*	1.40*	1.60	1.65	1.65
Oth. cties. .	1.64*	1.59*	1.66	1.68	1.86
Total.....	55.85*	51.28*	48.28	46.40	46.42
Change in (Mn T)	+4.57*	+2.97*	+1.88	-.02	+4.58
(a) Incl. HVO					



Biodiesel Use of Major Feedstock (Mn T)

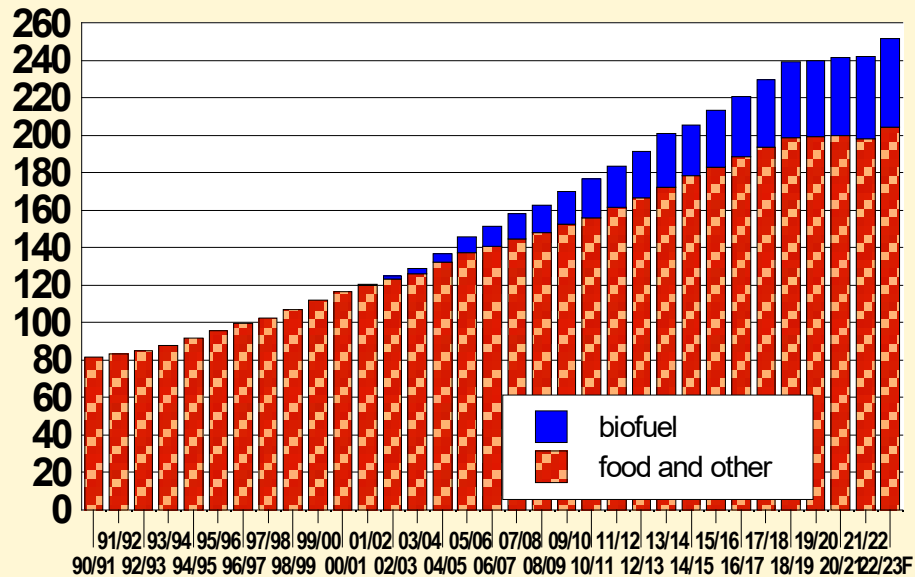


Biodiesel Use of Major Feedstock (Mn T)

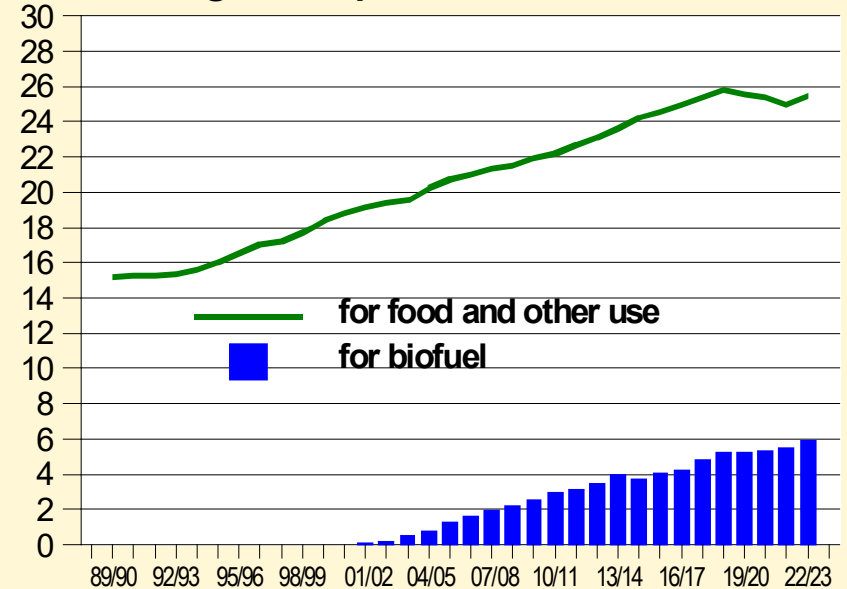


17 Oils & Fats : World Consumption

Total Usage in Mn T



Average Per Capita Use of Oils & Fats in kilos



Thank you for your attention!

More market info? Just get in touch with me:

siegfried.falk@oilworld.de

fon +49 40 761 05050

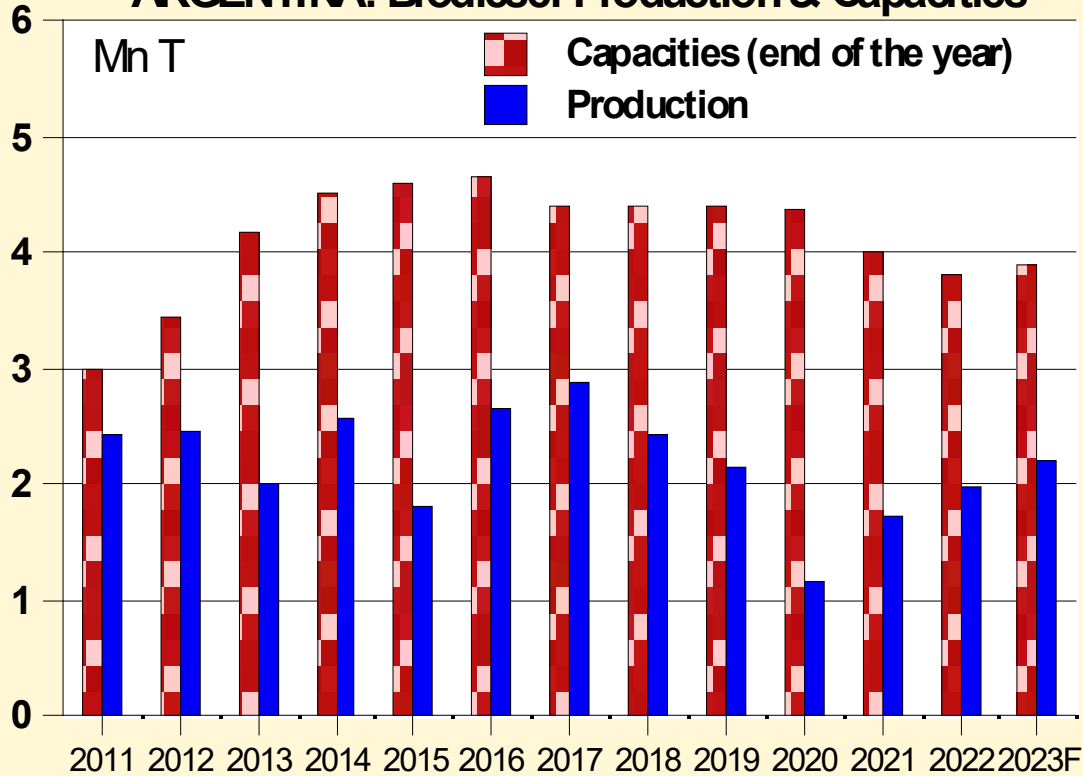
OIL WORLD market information is available daily, weekly
& monthly

www.oilworld.de

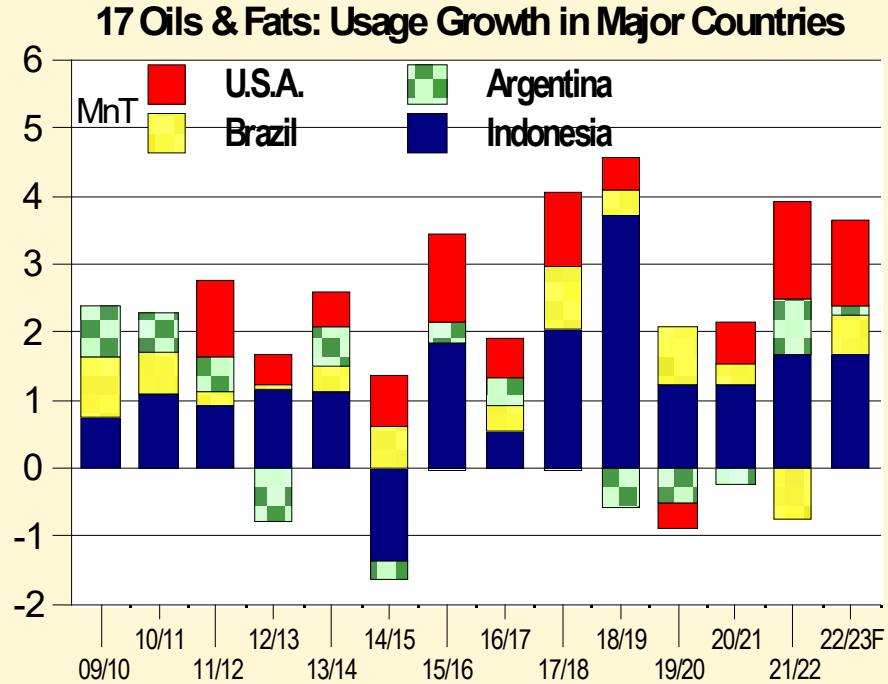
[www.twitter.com/ OILWORLD](https://www.twitter.com/OILWORLD)



ARGENTINA: Biodiesel Production & Capacities



Biodiesel sector ...



Food/biodiesel sector ...

