



U.S. Department of Agriculture (USDA)
Foreign Agricultural Service (FAS)

TRENDS IN FORTIFIED RICE USAGE

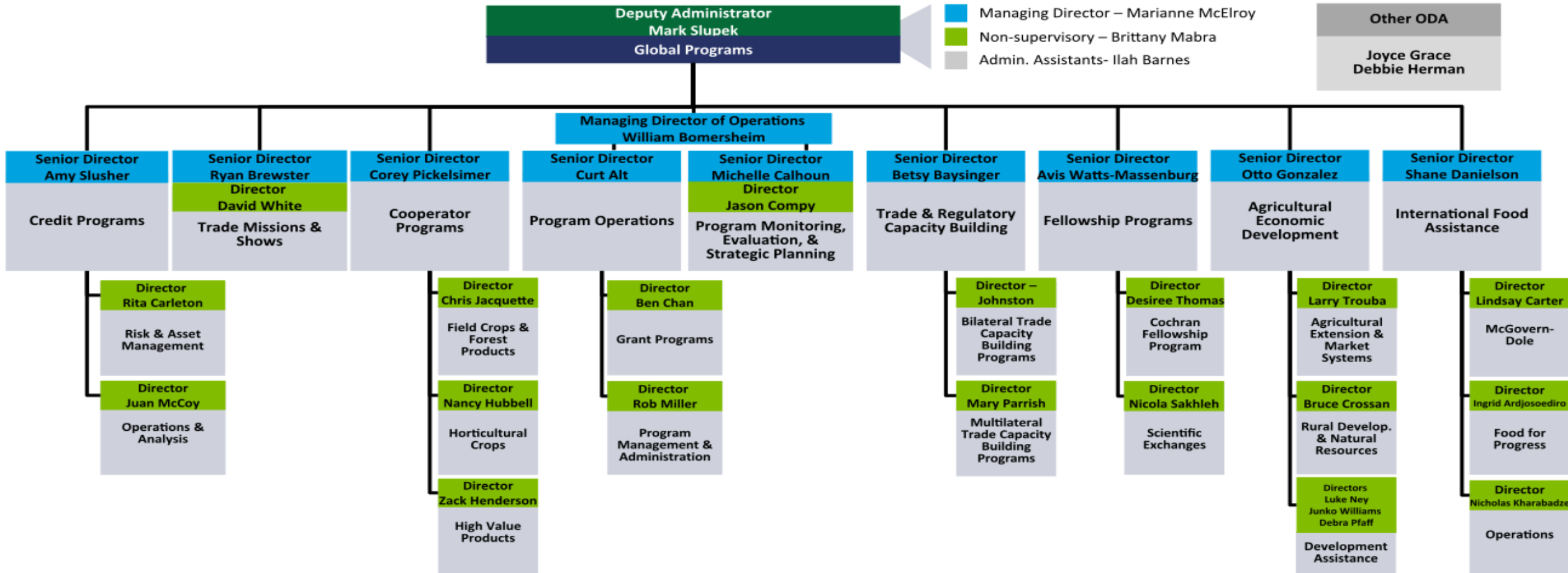
Agenda

- Introductions
- FAS Programmatic Updates
 - Food for Progress
 - McGovern-Dole Food for Education
- Trends and Updates
- Questions



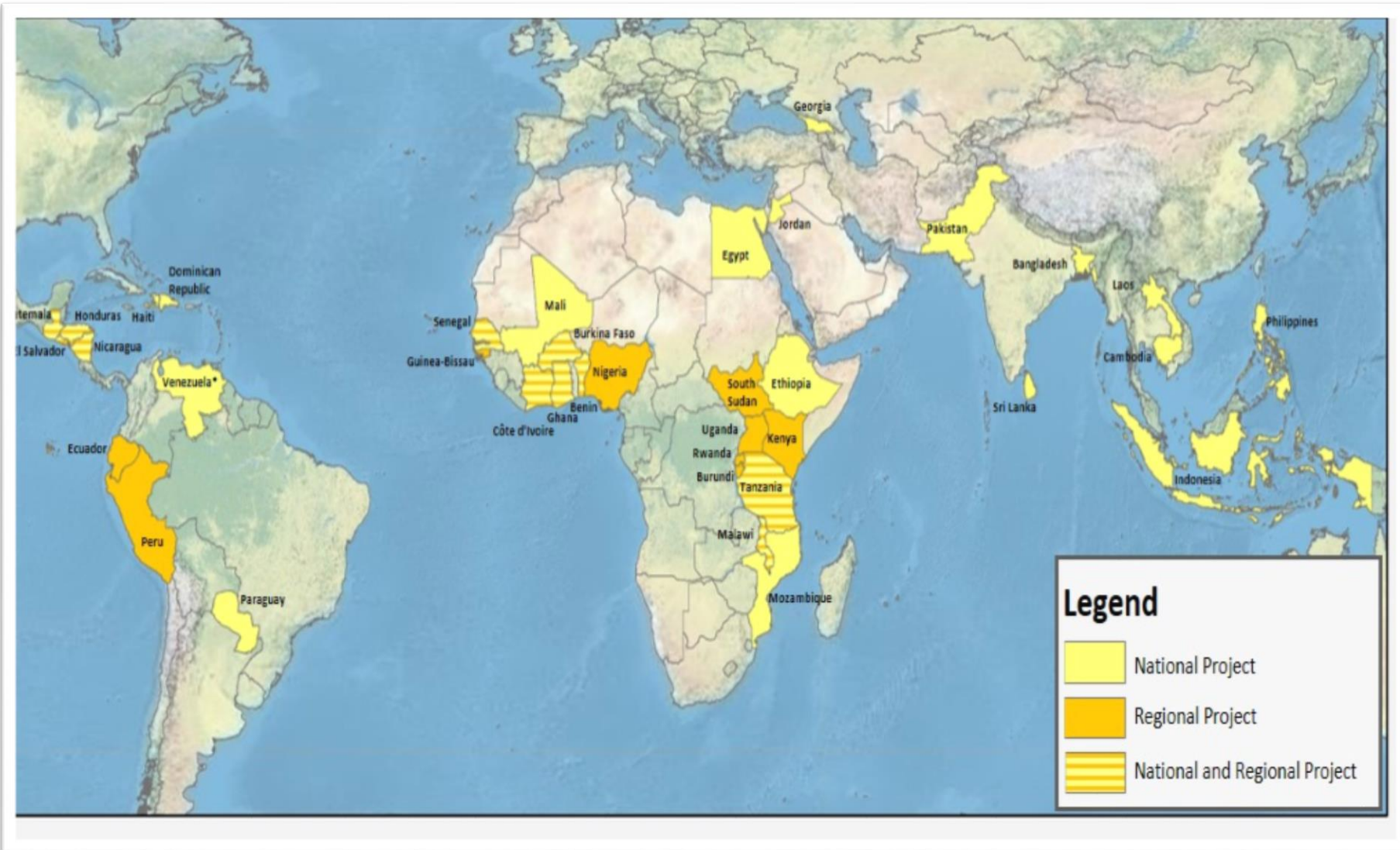
International Food Assistance Division

GLOBAL PROGRAMS



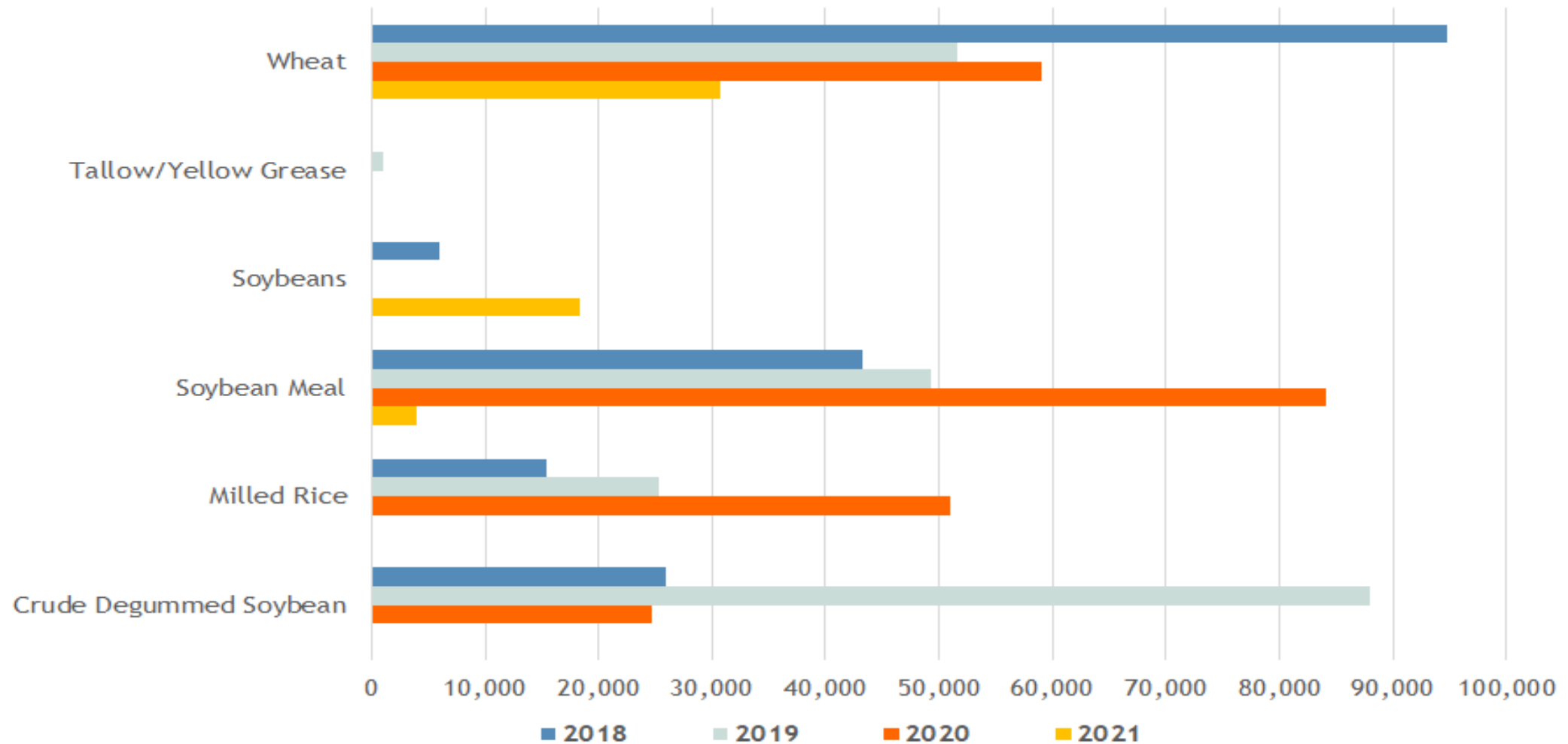
Food for Progress Program (FFPr)

Active Programs



FFPr Commodity Utilization

FY 2018 to Present



FFPr Monetization by Country

Bulk Milled Rice

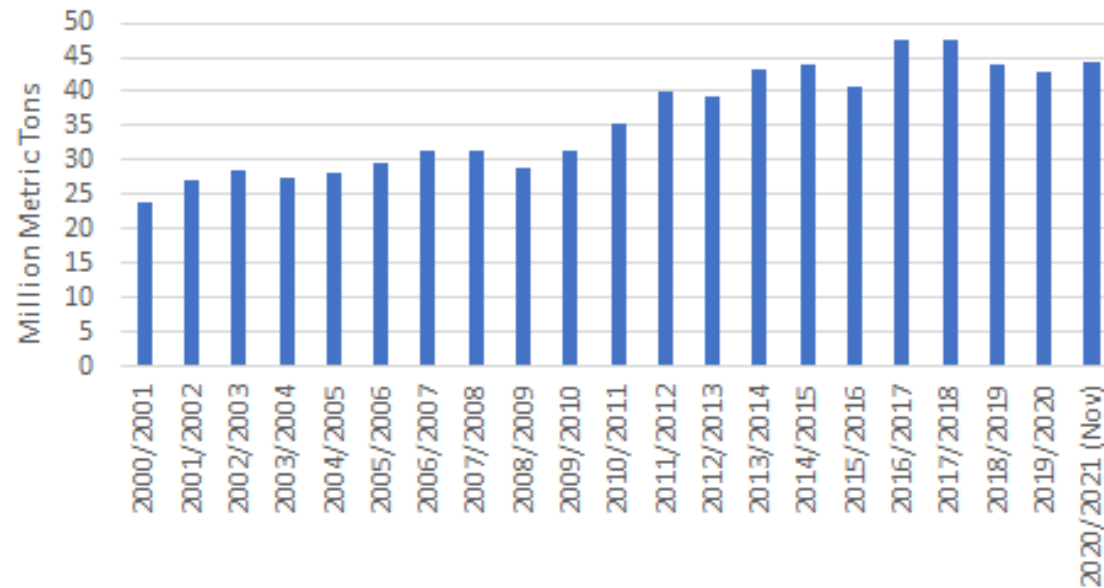
	2017	2018	2019	2020
Tonnage				
Burkina Faso	12,000	15,440		33,720
Ghana	6,000			
Guinea	48,120		25,320	17,260
Purchase Value/MT				
Burkina Faso	\$389.81	\$532.57		\$620.24
Ghana	\$440.00			
Guinea	\$415.01		\$459.00	\$523.37

FFPr FY 2020 Funding Awards

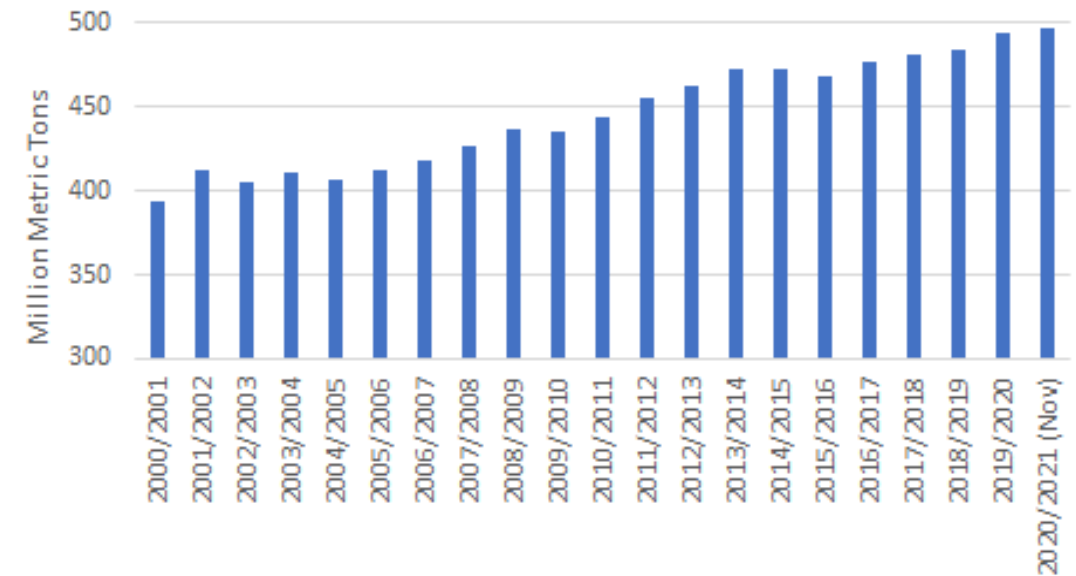
Country	Participant	Estimated Beneficiaries	Estimated Value	Commodity	Amount (MT)
Bangladesh	Land 'O Lakes Venture37	11,000	\$27,465,550	Soybean Oil	21,670
Colombia	Partners of the Americas	17,162	\$33,795,750	Wheat	91,350
Cote D'Ivoire, Ghana, Nigeria	TechnoServe	21,030	\$42,463,740	Milled Rice Soybean Meal	40,000 20,000
Dominican Republic	IESC	7,111	\$20,228,960	CDSO	18,880
Uganda	CRS	18,715	\$20,700,000	Wheat	50,000
Total		75,108	\$144,654,000		249,100

Global Rice Trade and Consumption

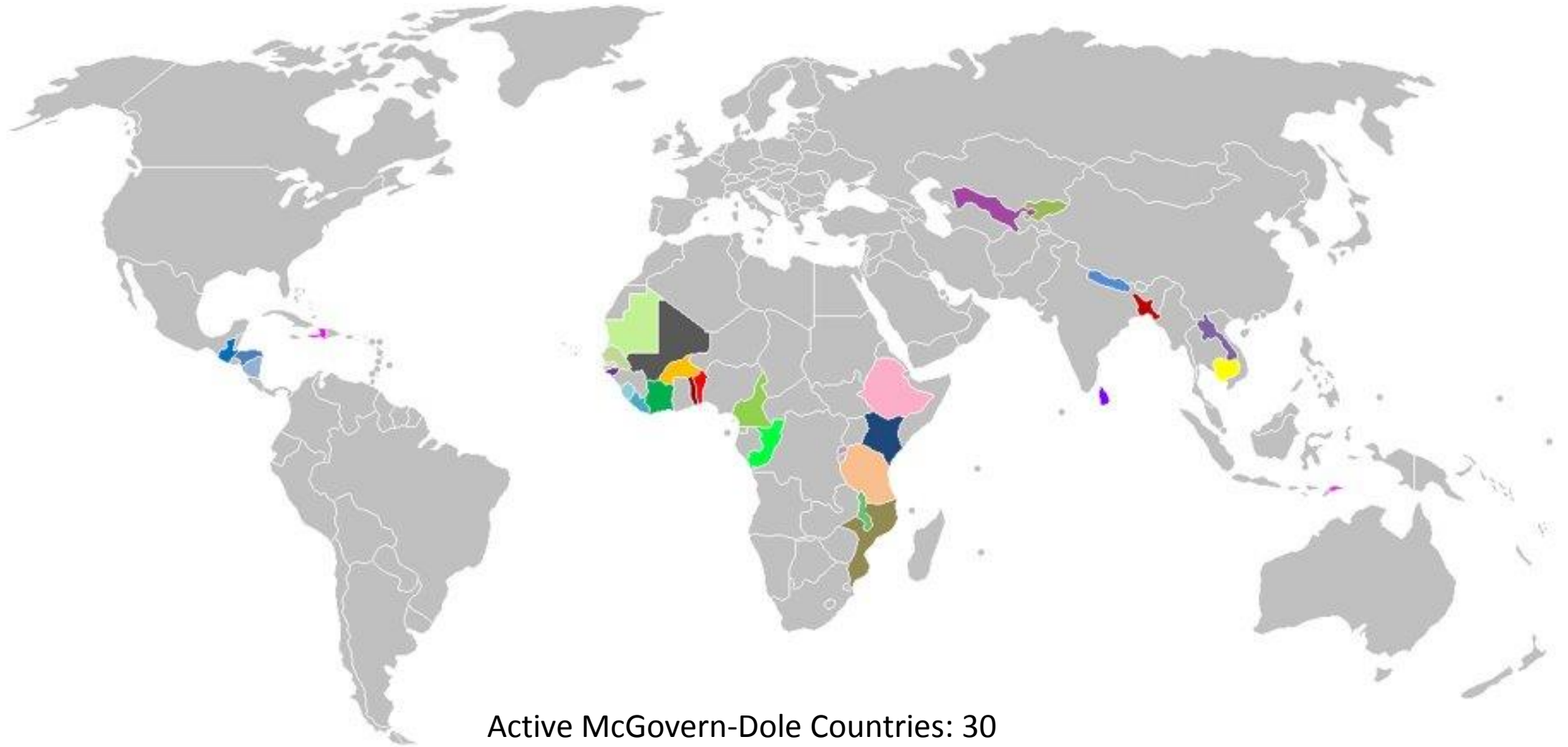
Global Rice Trade



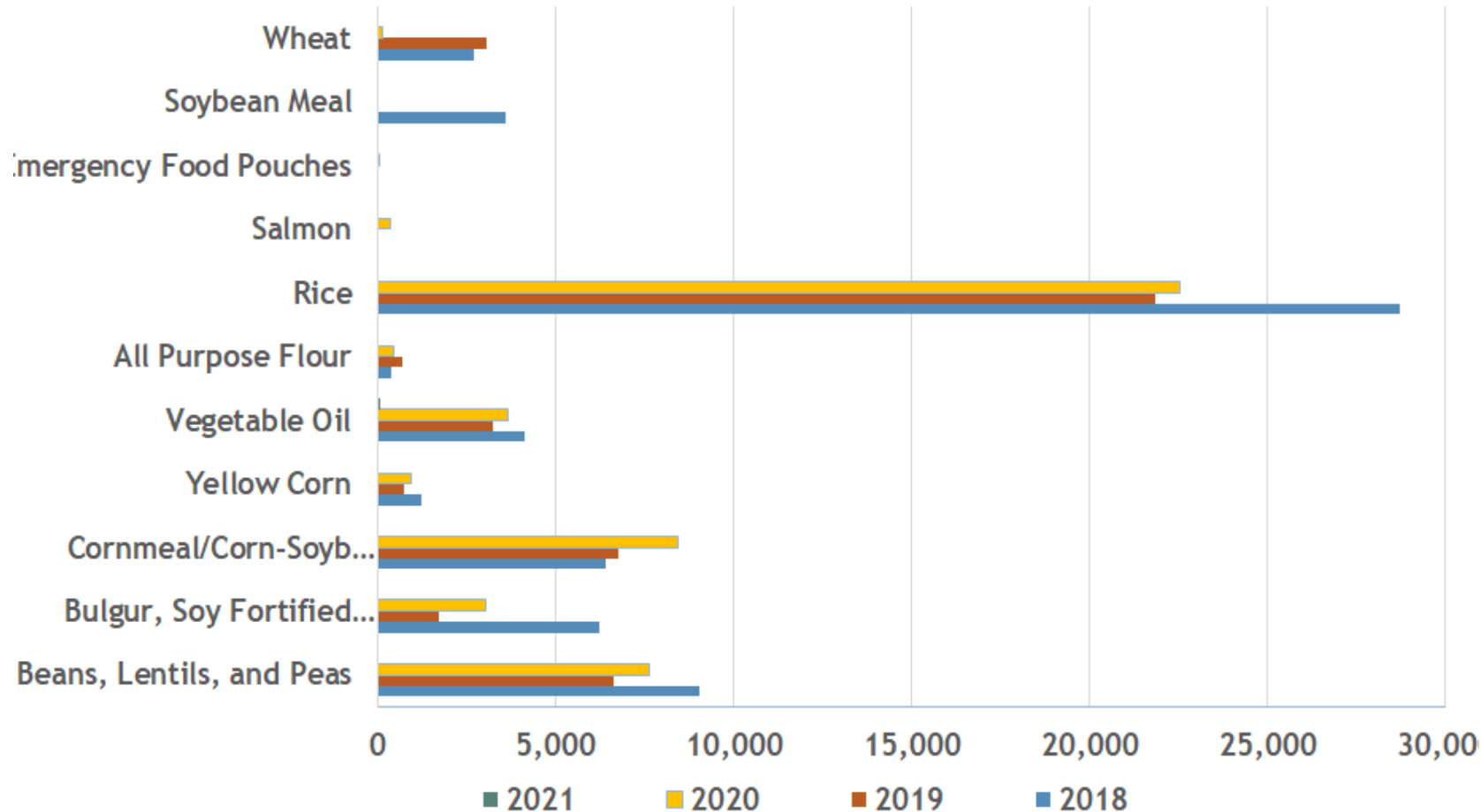
Global Rice Consumption



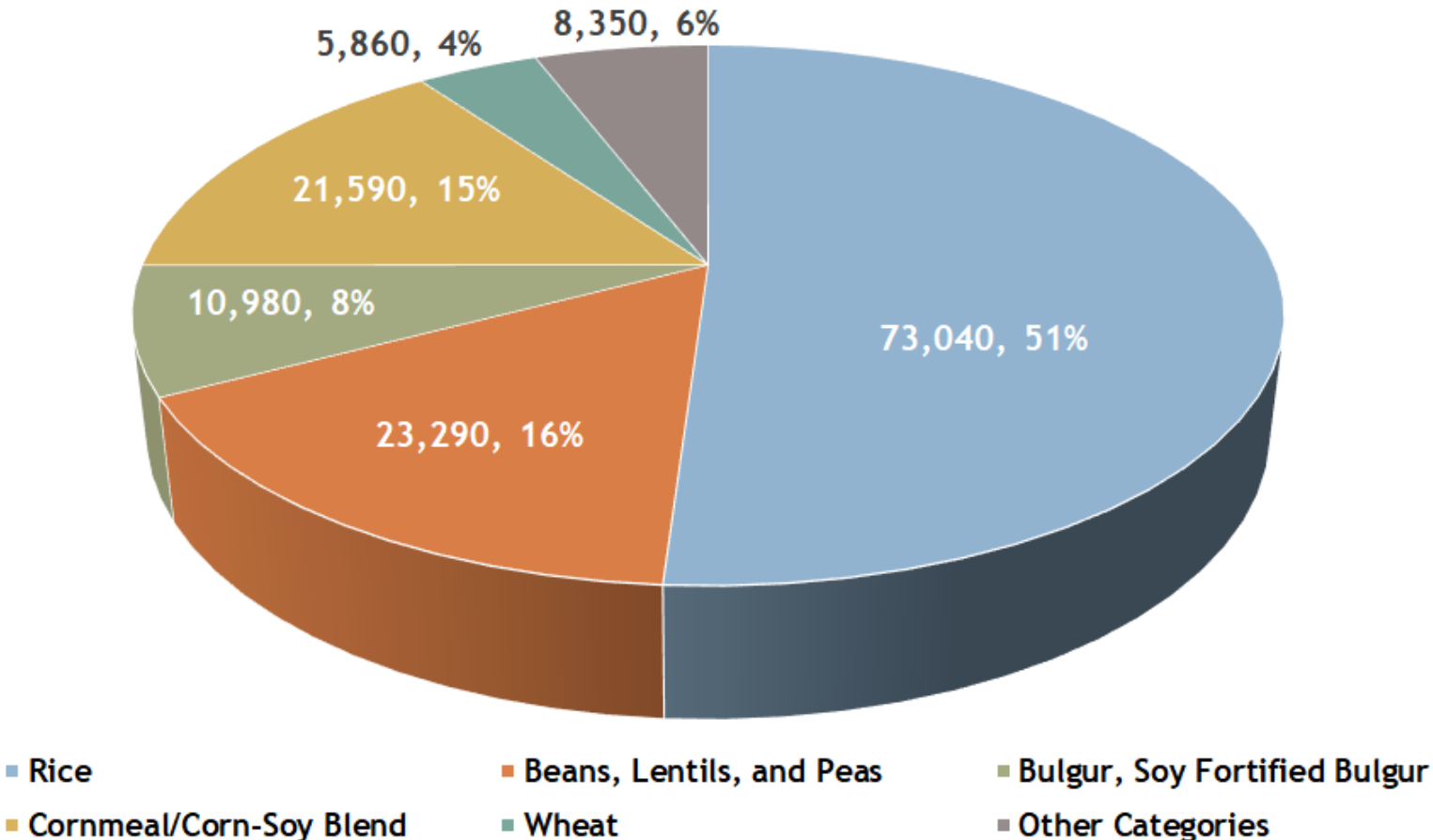
Active McGovern-Dole Programs



Annual McGovern-Dole Commodity Utilization FY2018 to Present (MT)



Summary of Commodity Utilization by MGD FY 2018 to Date (MT)



McGovern-Dole - FY 2020 Awards for New Projects

Country	Commodities	Metric Tons
Bangladesh*	Soft White Wheat, Lentils, Fortified Vegetable Oil, Fortified Rice	5,030
Cote d'Ivoire	Fortified Rice, Vegetable Oil	6,760
Guatemala	Black beans, Fortified Rice, Vegetable Oil	2,110
Honduras	Corn-Soy Blend Plus, Vegetable Oil, Milled Rice, Red Beans, Yellow Corn	6,510
Laos	Fortified Rice, Lentils	4,420
Mali	Fortified Rice, Green Split Peas, Lentils, Sunflower seed Oil	4,300
Mozambique	Fortified Rice, Long grain Milled Rice, Yellow Split Peas	6,370
Nepal	Fortified Rice, Lentils, Vegetable Oil	8,800
Rwanda	Fortified Rice, Vegetable Oil	4,410
Total		48,710



A total of 18,430 MT Fortified Milled Rice and 4,080 MT of Milled Rice to be called forward

Trends and Updates

McGovern-Dole - Actual Shipments		
Fiscal Year (FY)	Rice – Milled Bagged (MT)	Rice - Fortified Bagged (MT)
2017	17,400.00	9,940.00
2018	14,060.00	17,350.00
2019	4,330.00	17,490.00
2020	4,080.00	18,430.00



Take Home Rations Aid in Pandemic

- In March 2020, COVID-19 closed many schools and McGovern-Dole adopted different feeding modalities primarily take-home rations (THR)
- USDA has authorized the distribution of approximately 23,000 MT commodities as THRs to over 2 million households in 26 projects
- Rice (milled or fortified) makes up a part of THR in 19 projects in Timor Leste, Guatemala (three), Honduras, Mauritania, Liberia, Cote d'Ivoire, Sierra Leone, Senegal, Cambodia, Benin, Cameroon, Nicaragua, Guinea-Bissau, Nepal, Mali, Republic of Congo, and Lao PDR
- Case study: Liberian schools closed in March and Save the Children, working with Liberian government, distributed over 350.23 MT to 47,620 households
- Individual 4-month ration consisting of 1.5 KG of Vegetable Oil, 1.5 KG of Yellow Split Peas, and 5 KG of Fortified Rice



2020 Accelerated Shelf Life (ASL) Study for Fortified Rice

- USDA funded project (McGovern-Dole funding) with Kansas State University in coordination with USAID
- Ongoing ten-month project slated to be completed in FY 2021
- Supports ongoing research and development surrounding
 - shelf life
 - impact of source and manufacturing technology on deterioration kinetics
 - optimal packaging to maintain nutrient viability
- Develop and implement model ASL protocol for packaged fortified rice that can be validated in future for various real-time field conditions



QUESTIONS?

