

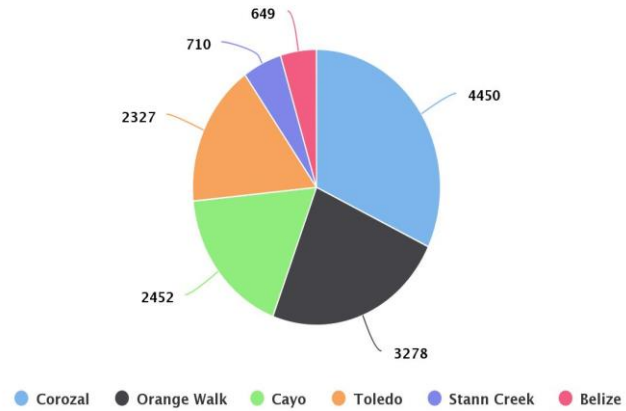
Ministry of Agriculture, Food Security & Enterprise

An overview of the Agriculture Sector, MOA Policy,
and the Policy & Statistics Unit Plan

21st April 2022

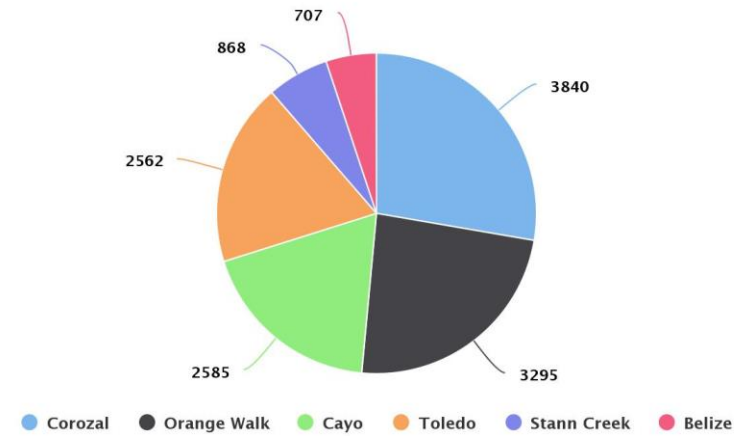
Farmer & Farm Demographics

Farm Count by District



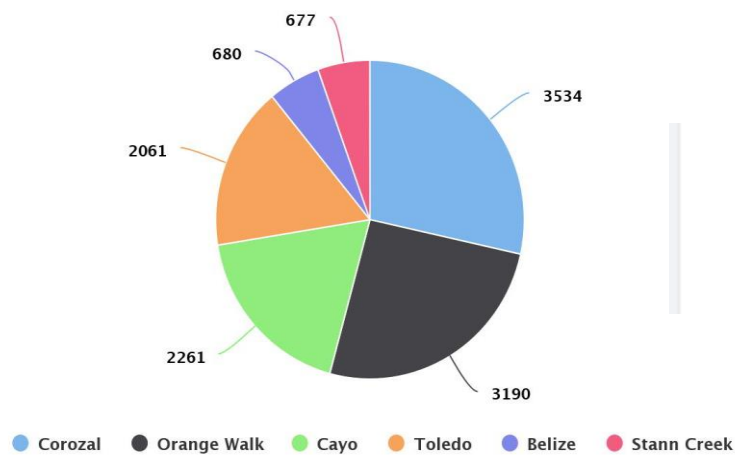
12403
Farmers

Farmer Count by District



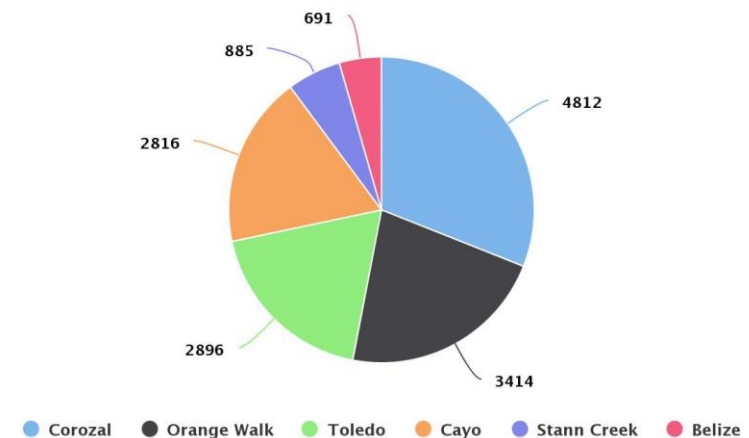
13857
Farmers

Farmer Count by District



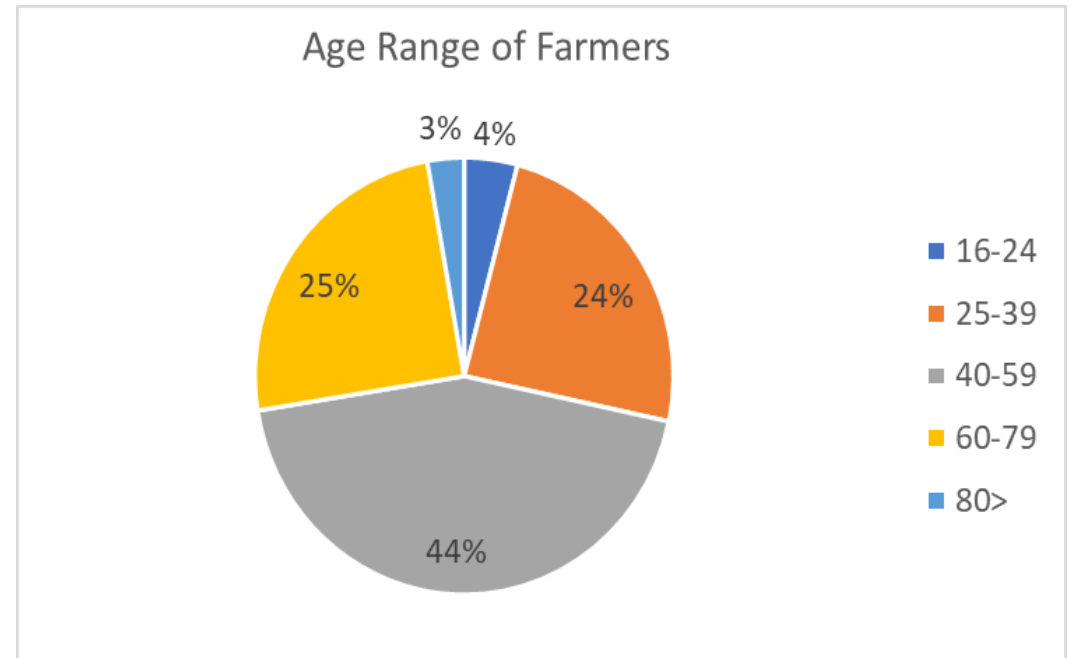
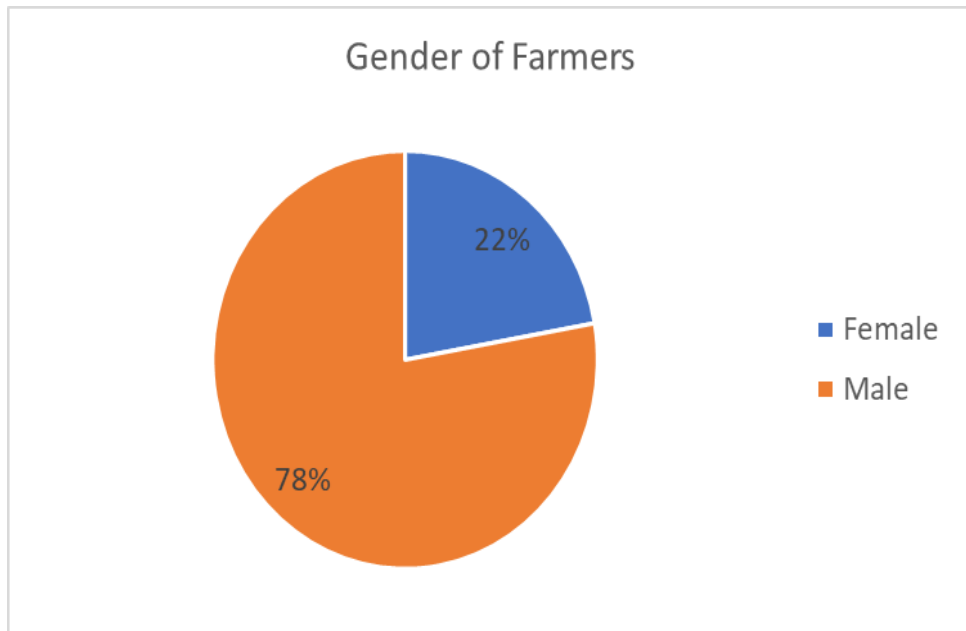
13866
Farms

Farm Count by District

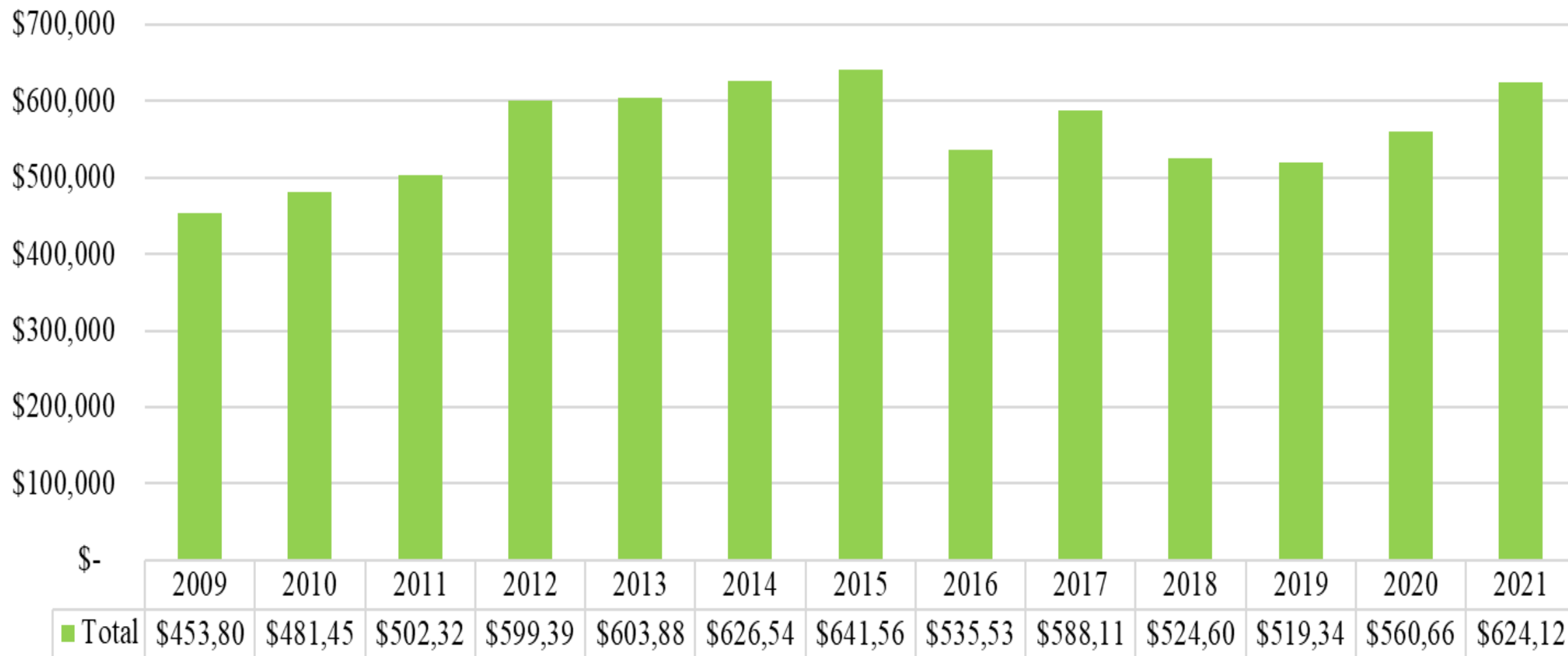


15514
Farms

Farmer & Farm Demographics 2022

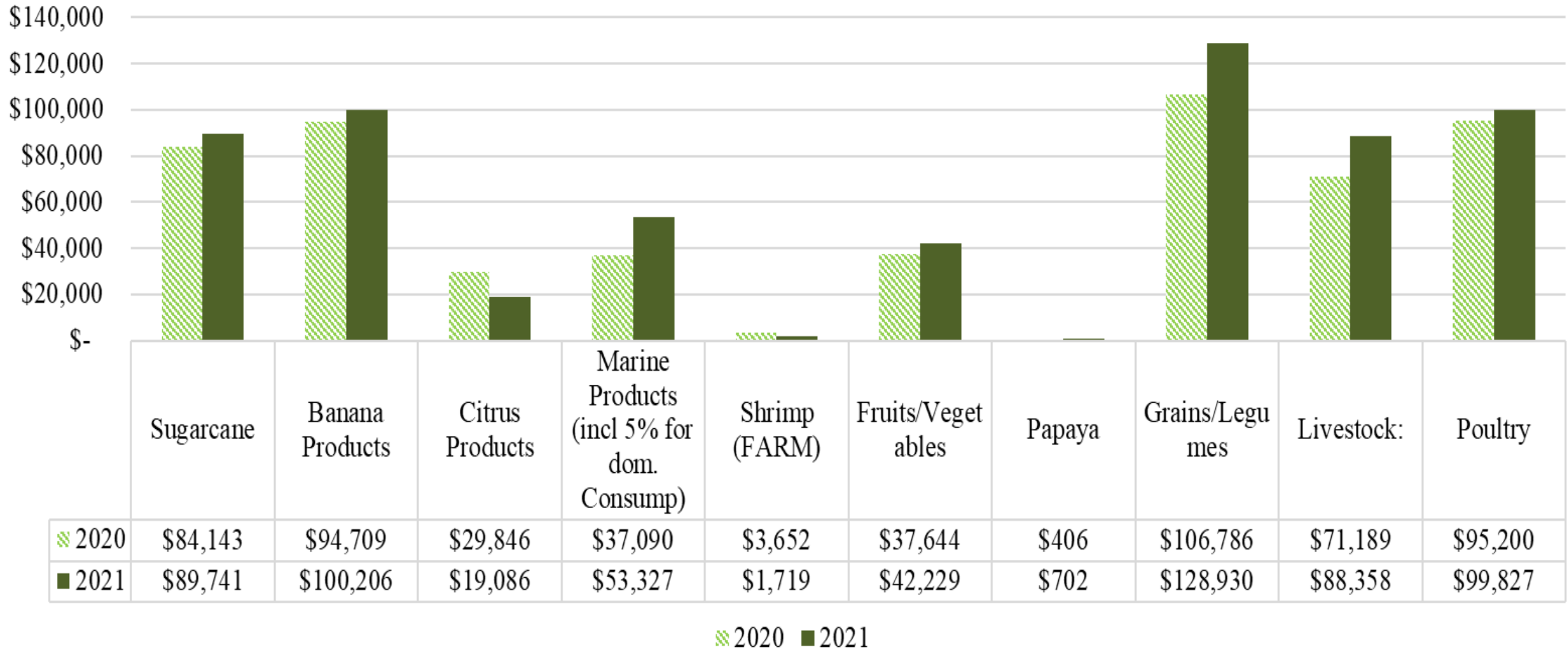


Agriculture Economic Output Trend 2009 - 2021 (P) (\$'000 Bze)



Source: MOA, 2021

Agriculture Economic Output by Sector 2020/2021(P) (\$'000 Bze)



Source: MOA, 2021

Ranking of the main Agriculture Economic Contributors

Rank	Sectors	2020 (BZE\$Mil)	2021 (BZE \$Mil)	% Increase
1	Grains and Legumes	106	128.9	21.6
2	Banana	94	100	6.4
3	Poultry	95	99.8	5.1
4	Sugarcane	84	89.7	6.8
5	Livestock	71	88	23.9
6	Fruits and Vegetables	37.6	42.2	
7	Citrus	29.8	19	-36.2
8	Shrimp	3.6	1.7	-52.8
9	Papaya	0.406	0.702	72.9

Review of the Traditional Commodities 2020/2021

Commodities	Quantity (lbs.) 2020	Quantity (lbs.) 2021	Price* (BZ\$) 2020	Price* (BZ\$) 2021	Value (BZ\$) 2020	Value (BZ\$) 2021	% Chg
Sugarcane (M.tons)	1,536,864	1,893,663	\$ 54.75	\$ 47.39	84,143,304.00	89,740,689.57	7%
Banana total Value					\$ 94,708,905.00	\$ 100,205,769.00	6%
Apple Banana (Bunches)(30 lbs/bunch)	39,480	25,180	\$ 8.00	\$ 8.00	315,840	201,440	
Domestic Consump (40 lbs/Box)	626,750	671,250	\$ 11.00	\$ 12.00	6,894,250	8,055,000	
Citrus							
Grapefruit (80lb box)	144,847	115,029	\$ 17.74	\$ 13.79	\$ 2,570,121.71	\$ 1,586,249.91	-38%
Orange (90 lb box)	2,329,524	1,334,489	\$ 10.41	\$ 12.11	\$ 24,250,344.84	\$ 16,160,661.79	-33%
Fresh Lime Export (lbs)	38,697		\$ 0.55	#DIV/0!	\$ 21,313.43		
Fresh Orange Export (lbs)	2,176,042	169,315			\$ 735,569.84	\$ 74,566.80	-90%
Fresh Grapefruit Export (lbs)					\$ -	\$ -	
Domestic Lime Consumpt. (lbs)	150,000	150,000	\$ 0.20	\$ 0.20	\$ 30,000.00	\$ 30,000.00	0%
Domestic Grapefruit Consumpt. (80 lbs)	1,448	1,150	\$ 18.00	\$ 29.00	\$ 26,064.00	\$ 33,350.00	28%
Domestic Orange Consumpt. (90 lbs)	116,476	66,724	\$ 19.00	\$ 18.00	\$ 2,213,044.00	\$ 1,201,032.00	-46%
Citrus Products					\$ 29,846,457.82	\$ 19,085,860.50	-36%

Review of the Grains Sector 2020/2021

Commodities	Quantity (lbs.) 2020	Quantity (lbs.) 2021	Price* (BZ\$) 2020	Price* (BZ\$) 2021	Value (BZ\$) 2020	Value (BZ\$) 2021	% Chg
Yellow Corn	152,912,815	215,299,311	\$ 0.28	\$ 0.28	\$ 42,815,588.20	\$ 60,283,807.08	41%
White Corn	30,815,330	24,434,600	\$ 0.28	\$ 0.28	\$ 8,628,292.40	\$ 6,841,688.00	-21%
Rice paddy	30,736,900	33,047,475	\$ 0.40	\$ 0.40	\$ 12,294,760.00	\$ 13,218,990.00	8%
Sorghum	32,463,960	28,393,990	\$ 0.22	\$ 0.22	\$ 7,142,071.20	\$ 6,246,677.80	-13%
Cowpeas	5,775,000	3,853,700	\$ 0.95	\$ 0.90	\$ 5,486,250.00	\$ 3,468,330.00	-37%
RK beans	11,347,193	14,076,955	\$ 0.95	\$ 0.90	\$ 10,779,833.35	\$ 12,669,259.50	18%
Black Beans	4,124,725	4,875,730	\$ 0.95	\$ 1.00	\$ 3,918,488.75	\$ 4,875,730.00	24%
Other Beans	801,218	1,028,995	\$ 0.90	\$ 0.90	\$ 721,096.20	\$ 926,095.50	28%
Soybean	30,136,747	38,157,766	\$ 0.48	\$ 0.52	\$ 14,465,638.56	\$ 19,842,038.32	37%
Peanuts	213,700	223,100	\$ 2.50	\$ 2.50	\$ 534,250.00	\$ 557,750.00	4%
Sub-Total					\$ 106,786,268.66	\$ 128,930,366.20	21%

Review of the Livestock Sector 2020/2021

Commodities	Quantity (lbs.) 2020	Quantity (lbs.) 2021	Price* (BZ\$) 2020	Price* (BZ\$) 2021	Value (BZ\$) 2020	Value (BZ\$) 2021	% Chg
Livestock:							
Dressweight:							
Beef	3,479,850	3,385,350	\$ 3.75	\$ 3.75	\$ 13,049,437.50	\$ 12,695,062.50	-3%
Beef Export (on the hoof)	13,627,800	25,443,000	\$ 1.60	\$ 1.60	\$ 21,804,480.00	\$ 40,708,800.00	87%
Pigs	4,524,120	4,187,520	\$ 3.50	\$ 2.75	\$ 15,834,420.00	\$ 11,515,680.00	-27%
Pigs Export(on the hoof)(lbs)							
Sheep	61,335	83,025	\$ 2.50	\$ 3.75	\$ 153,337.50	\$ 311,343.75	103%
Poultry	40,339,069	42,299,705	\$ 2.36	\$ 2.36	\$ 95,200,202.84	\$ 99,827,303.80	5%
Turkey	489,318	595,393	\$ 4.00	\$ 4.00	\$ 1,957,272.00	\$ 2,381,572.00	22%
Milk (lbs)	9,968,223	16,596,189	\$ 0.51	\$ 0.51	\$ 5,083,793.73	\$ 8,464,056.39	66%
Spent hens (No. Heads)	150,000	150,000	\$ 4.00	\$ 4.00	\$ 600,000.00	\$ 600,000.00	0%
Eggs (Dozen)	4,942,089	5,001,328	\$ 2.50	\$ 2.25	\$ 12,355,222.50	\$ 11,252,988.00	-9%
Honey (lbs)	100,159	122,547	\$ 3.50	\$ 3.50	\$ 350,556.50	\$ 428,914.50	22%
Livestock					\$ 166,388,722.57	\$ 188,185,720.94	13.1%

NOTE: Moreover, government policy geared toward facilitating market access and penetration into Central America has fostered major increases in export of live cattle to Mexico and Guatemala. To date 37,718 heads of cattle² have been exported to both countries with increases of exports expected considering prices keep rising from \$1.36 BZE in 2020 to \$1.80 BZE current prices. Exports account for 30,194 heads of cattle last year with 2,676 heads being exported to Mexico.

Current national herd size: 166,955

5,200 cattle farmers

Review of the Fruit Tree Sector 2020/2021

Commodities	Quantity (lbs.) 2020	Quantity (lbs.) 2021	Price* (BZ\$) 2020	Price* (BZ\$) 2021	Value (BZ\$) 2020	Value (BZ\$) 2021	% Chg
Papayas (export)	951,580	1,596,000	\$ 0.43	\$ 0.44	\$ 406,389.00	\$ 702,240.00	73%
Local Papaya	19,032	31,920	\$ 0.30	\$ 0.30	\$ 5,709.48	\$ 9,576.00	68%
Pineapple	8,438,151	9,791,626	\$ 0.72	\$ 0.72	\$ 6,075,468.72	\$ 7,049,970.72	16%
Watermelon	4,065,202	4,676,627	\$ 0.55	\$ 0.45	\$ 2,235,861.10	\$ 2,104,482.15	-6%
Coconuts (Nuts) dried	17,221,080	13,798,286	\$ 0.35	\$ 0.35	\$ 6,027,378.00	\$ 4,829,400.10	-20%
Canteloupe	1,337,000	1,287,360	\$ 0.90	\$ 1.00	\$ 1,203,300.00	\$ 1,287,360.00	7%
Soursop	208,000	687,200	\$ 3.50	\$ 3.50	\$ 728,000.00	\$ 2,405,200.00	230%
Sub-Total					\$ 16,838,356.30	\$ 18,629,291.97	11%

Agriculture Policy

Farm to Table

Policy Objectives

- **To replace and substitute imports, expand exports and strengthen the linkages between agriculture and the tourism sector.**
- **To support affordable financing for farmers**
- **To review entire tax system and enact reforms to have a simplified, fair, efficient and development-driven system.**
- **To work in partnership with the 4 traditional exports sugar, citrus, banana and shrimp to increase productivity, competitiveness and market penetration.**
- **To update and implement trade policy agreements.**
- **To diversify and become innovative in the adaption of climate-smart systems**
- **To focus on research and development in partnerships with renowned universities**
- **To support the increase of locally produced commodities and lead the “Buy Local” campaign.**
- **To include a program for the teaching of agriculture and agri-business in schools.**
- **To Improve storage and logistic facilities for farmers**
- **To improve trade and market intelligence and find niche markets for the exporting of the non-traditional commodities**

The way forward:

- Increasing productivity- Increase Refined sugar production, Citrus Replanting Program, Banana Management Program, genetic improvement and climate resilient varieties.
- Expansion of non-traditional commodities, Coconuts, Hemp, livestock, poultry, milk, cheese, ice-cream, honey and other fruit trees.
- New Market penetration- Livestock and Grains in PSA with Mexico, Shrimp and Sugar in Taiwan Economic Partnership Agreement
- Tax reform for agriculture related production- Climate smart technologies, processing and packaging equipment.
- Support to Agro-processing
- Climate Resilience

Reforms to support business

- Infrastructure
- Agroprocessings
- Taxes for inputs into production
- National drainage and irrigation map
- Access to finance
- Disaster management funds

Policy Unit Major Achievements 2021

- Management of BAIMS: Data mining of BAIMS (farmer, farm registry, water access, age, gender, acres under production, milpa/mechanized production, contact information of farmers)
- Data support for projects, programs, consultancies (FAO, IDB etc)
- Manage data for Food Availability Committee
- Yearly demand estimates for major commodities 2021
- Price of all major food basket commodities (BAPIS) 2021
- Agriculture Economic Output 2020 and 2021
- Compilation and dissemination of 2020 and 2021 yearly production reports and commodity specific reports for sugar and banana
- Represent Agriculture in agriculture related private and public sector matters
- Engage private sector for the expansion of the Belize Guatemala PSA and the selection of commodities to be included in Belize/Mexico PSA
- Facilitate trade of Agriculture commodities to CARCIOM, El Salvador, Mexico Q.R.
- Support the signing of MOU's with Banks, SADER, and INIFA others for the development partners
- Provide support in the development and processing of Cabinet papers.

Policy Unit Major Plans 2022/2023

- Produce production, Price and economic output reports 2022
- Update the Belize Agriculture Information Management System farmer and farm registry
- Pursue the implementation of a GIS component to Belize Agriculture Information Management System [BAIMS] for geospatial analysis.
- With Extensions support update Cost of Production for 18 priority commodities.
- Actively facilitate the access for Agriculture commodities into CARICOM, Guatemala, Mexico and Taiwan market.
- Continue the representation and engagement of Agriculture with private/public sector partners.
- Support the updating of the Agriculture Policy and the Seed Policy



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