

SPECIAL RELEASE

2020 VEGETABLE AND ROOT CROPS PRODUCTION DIMINISHED BY 8.40 PERCENT

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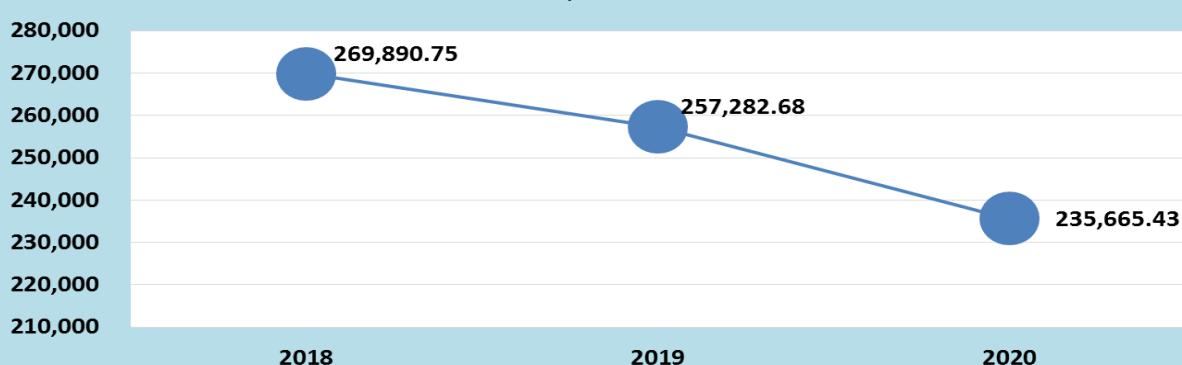
Reference No. SR 2021- 3106

The total production of vegetable and root crops (V & R crops) in Isabela diminished by 8.40 percent in 2020 with 235,665.43 metric tons compared to last year with 257,282 metric tons. Further, as shown in Figure 1, the highest production for the past three years was posted in 2018 while the lowest production was posted in 2020 at 235,665 metric tons. Remarkably, the decrement of the overall V & R crops production in 2020 was attributed by the significant decrease of Major Crops Sector.

Table 1. Annual Vegetable and Root Crops Production (in Metric Tons), Isabela, 2018-2020

SUB-SECTOR	PRODUCTION (in metric ton)			Percent Change	
	2018	2019	2020	(c3/c2)	(c4/c3)
(1)	(2)	(3)	(4)	(c3/c2)	(c4/c3)
TOTAL V & R Crops	269,890.75	257,282.68	235,665.43	(4.67)	(8.40)
Major V & R Crops	230,881.67	220,031.95	197,506.33	(4.70)	(10.24)
Priority V & R Crops	35,116.12	33,542.59	34,687.83	(4.48)	3.41
Minor V & R Crops	2,998.60	2,858.01	2,786.86	(4.69)	(2.49)
Other V & R Crops	894.36	850.13	684.41	(4.95)	(19.49)

Figure 1. Annual Vegetable and Root Crops Production (in Metric Tons), Isabela, 2018-2020



Meanwhile, almost all sub-sectors contributed in the decrease of the 2020 V & R crops production except for priority vegetable V & R. As mentioned above, the biggest decline was from the major vegetable V & R sub-sector which contributed largely in the overall decrease of vegetable production. In 2020, 197,506 metric tons was harvested from major V & R compared to 220,031 metric tons in 2019. Minor V & R and other V & R crops also posted decline in production from the 2019 final estimates.

On the other hand, priority V & R crops registered an increasing trend at 3.41 percent or equivalent to 1,145 metric tons.

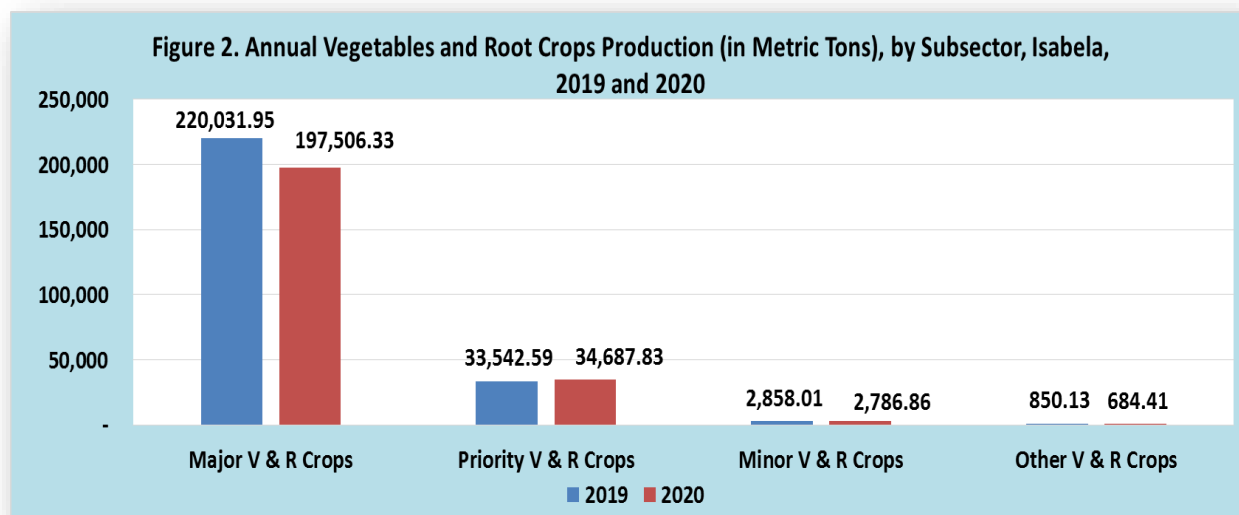


Figure 3 obviously shows that major V & R crops ranked number one which shared 83.81 percent of the total fruits production in the province. Priority and minor V & R crops contributed 14.72 and 1.18 percent respectively, while other V & R crops shared only 0.29 percent.

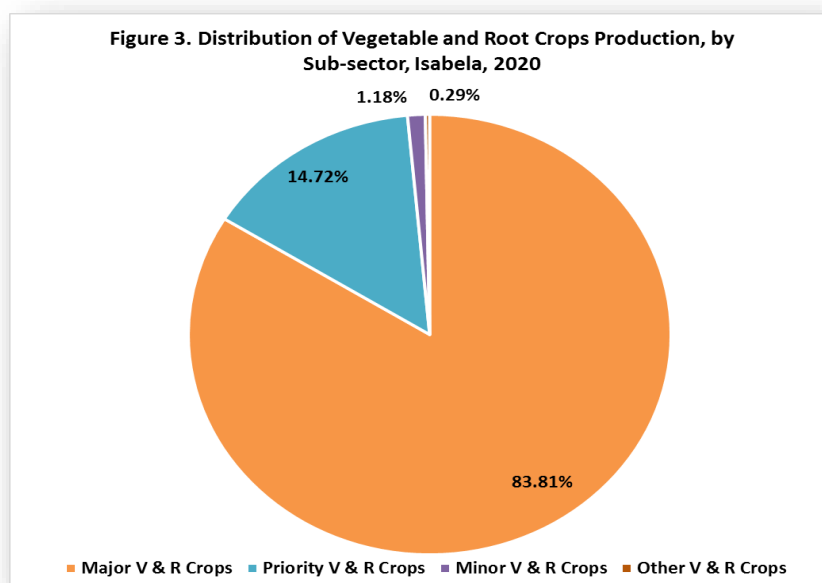
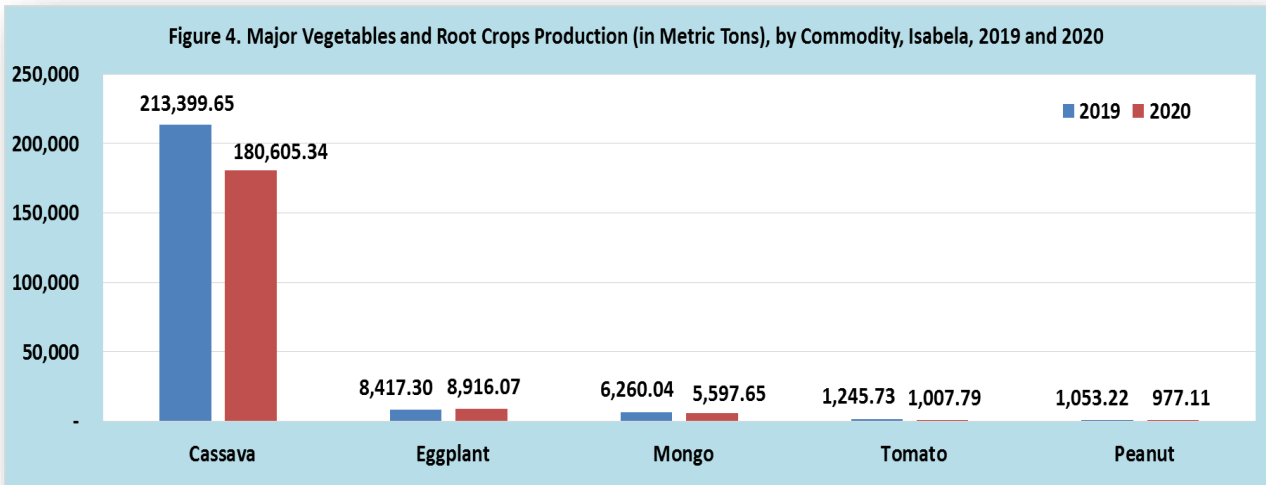


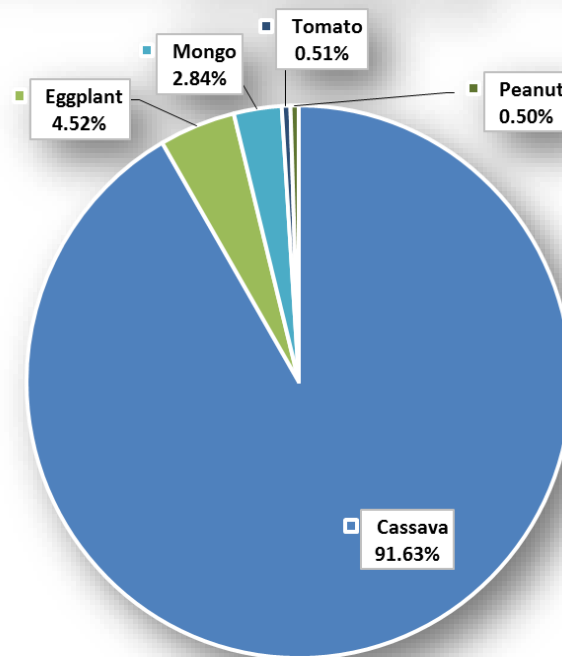
Table 2. Major Vegetable and Root Crops Production (in Metric Tons), by Commodity, Isabela, 2019-2020

Commodity	PRODUCTION (in metric ton)		Percent Change
	2019	2020	
Major V & R Crops	230,881.67	197,506.33	(14.46)
Cassava	213,399.65	180,605.34	(15.37)
Eggplant	8,417.30	8,916.07	5.93
Mongo	6,260.04	5,597.65	(10.58)
Tomato	1,245.73	1,007.79	(19.10)
Peanut	1,053.22	977.11	(7.23)
Camote	488.40	390.19	(20.11)
Onion (Matured bulb)	12.19	10.30	(15.47)
Cabbage	5.02	1.85	(63.15)
Garlic (Dried clove)	0.12	0.03	(75.00)

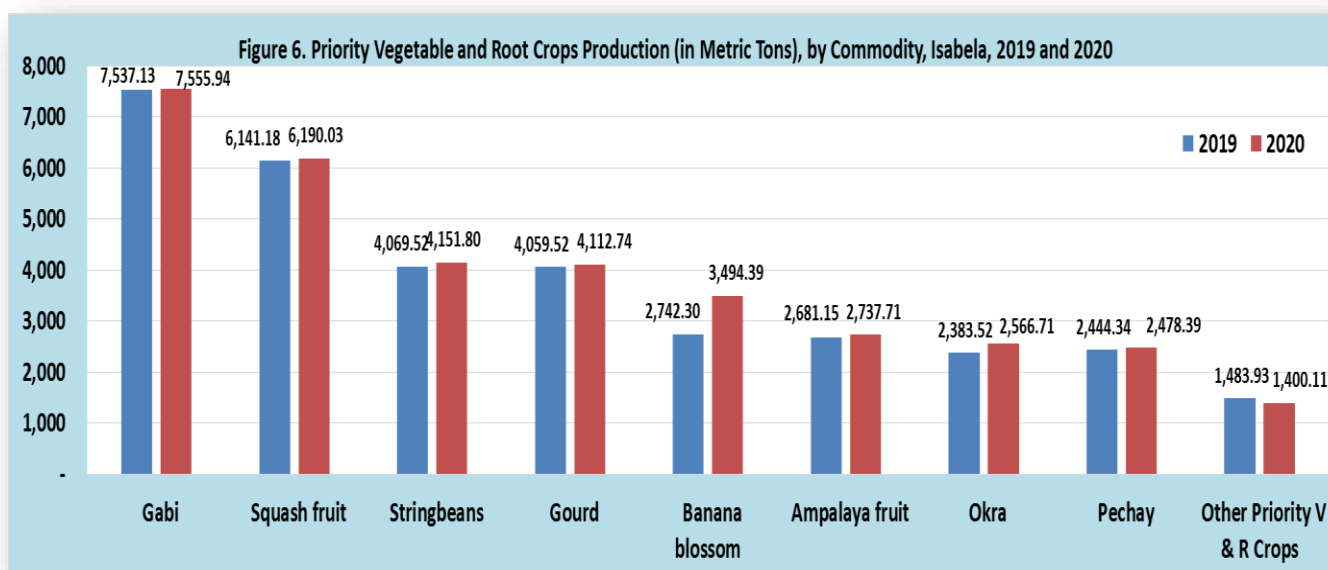


As shown in Figure 4, cassava, the banner commodity under major V & R crops sub-sector, registered the biggest dropped in production by 15.37 percent, from 213,399 metric tons in 2019 to only 180,605 metric tons in 2020. However, eggplant appreciated lightly by 5.93 percent, from 8,417 metric tons in 2019 to 8,916 metric tons in 2020. Cassava and eggplant accounted to about 91.63 percent and 4.52 percent of the total major V & R production in the province last year. Similarly, mongo production in 2020 also posted a decline of 10.68 percent from 6,260 metric tons produced in 2019 to 5,597 metric tons in 2020. Tomato production in 2020 was estimated only at 1,007 metric tons, dropped by 19.10 percent from the 2019 estimates of produced of about 1,245 metric tons. Peanut production also declined by 7.23 percent from 1,053 metric tons in 2019 output to 977 metric tons in 2020. Mongo, tomato and peanut output accounted to about 2.84 percent, 0.51 percent and 0.50 percent respectively of the major V & R crops production in 2020.

Figure 5. Distribution of Major Vegetables and Root Crops Production, by Commodity, Isabela, 2020



Commodity	PRODUCTION (in metric ton)		Percent Change
	2019	2020	
Priority V & R Crops	33,542.59	34,687.82	3.41
Gabi	7,537.13	7,555.94	0.25
Squash fruit	6,141.18	6,190.03	0.80
Stringbeans	4,069.52	4,151.80	2.02
Gourd	4,059.52	4,112.74	1.31
Banana blossom	2,742.30	3,494.39	27.43
Ampalaya fruit	2,681.15	2,737.71	2.11
Okra	2,383.52	2,566.71	7.69
Pechay	2,444.34	2,478.39	1.39
Other Priority V & R Crops	1,483.93	1,400.11	(5.65)



Meanwhile, opposite trend was registered in total priority V & R crops production which posted an upward trend by 3.41 percent in 2020 and obviously noted from the significant increase in banana blossom of about 752 metric tons higher from the 2019 realized output of 2,742 metric tons. This incline marks 27.43 percent higher in the 2019 estimated production of only 2,742 metric tons. Banana blossom occupies 8.23 percent of the total priority V & R crops in the province. Moreover, the increased production of the total priority V & R in 2020 was further followed by increases in production of gabi, squash fruit, stringbeans, gourd, ampalaya fruit, pechay and okra. Gabi production in 2020 appreciated by 0.25 percent from the 2019 estimate of 7,537 metric tons to 7,555 metric tons while squash fruit production in 2020 increased by 0.80 percent from the 2019 estimate of 6,141 metric tons to 6,190 metric tons in 2020. Gabi production contributed around 21.78 percent in the pie of total priority V & R crops, squash fruit shared 17.84 percent in the 2020 estimates and stringbeans occupies 11.97 percent. Production of gourd which is 11.86 percent of the total priority V & R crops showed about 53 metric tons addition from the 2019 estimates of 4,059 metric tons or about 1.31 percent increase in its 2020 estimates of 4,112 metric tons. Similarly, ampalaya fruit had 56 metric tons increase from the 2019 estimate of 2,681 metric tons or 2.11 percent increase in its 2020 estimate of 2,737 metric tons. Okra and pechay production posted 7.69 percent and 1.37 percent, or from 2,383 metric

tons in 2019 to 2,586 metric tons estimates of the former commodity and from 2,444 metric tons in 2019 estimates to 2,478 metric tons in 2020 for the latter commodity. Ampalaya fruit, okra and pechay production occupies 7.89 percent, 7.40 percent and 7.14 percent respectively to the total priority V & R. On the other hand, other priority V & R reduced compared last year's output.

Figure 7. Distribution of Priority Vegetable and Root Crops Production, by Commodity, Isabela, 2020

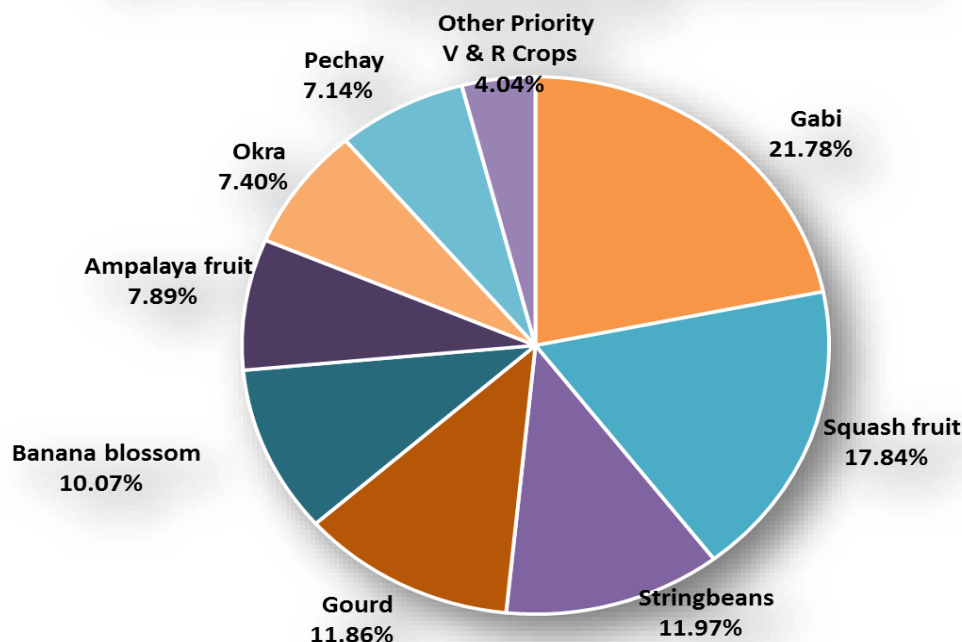


Table 4. Minor Vegetable and Root Crops Production (in Metric Tons), by Commodity, Isabela, 2019-2020

Commodity	PRODUCTION (in metric ton)		Percent Change
	2019	2020	
Minor V & R Crops	3,708.14	3,471.27	(6.39)
Patola	530.39	526.66	(0.70)
Camote tops	390.60	376.81	(3.53)
Malunggay leaves	327.50	321.55	(1.82)
Pao galiang	320.61	316.06	(1.42)
Gabi leaves w/ stem	276.40	259.53	(6.10)
Singkamas	249.22	261.15	4.79
Other Minor Vegetables	1,613.42	1,409.51	(12.64)

Almost all commodities except for singkamas under subsector of minor V & R crops subsector exhibited downward trends in production compared to 2019. In particular, singkamas production posted about 4.79 percent increase from the 2019 estimates of 249 metric tons which shared 7.52 percent to the total minor V & R crops. In contrast, patola production registered a decrease by 0.70 percent or 530 metric tons output in 2019 to 526 metrics in 2020. Patola production showed a largest share under priority V & R crops subsector which shapes around 15 percent (Figure 9). Camote tops went down by about 3.53 percent from the 2019 estimates of 390 metric tons compared to 376 metric tons output in 2020. Production of camote tops shares around 10.86 percent of the total minor V & R crops production. Pao galiang and gabi leaves with

stem production in 2020 also declined by 1.42 percent and 6.10 percent respectively, or from 320 metric tons in 2019 to 316 metric tons in 2020 for the former commodity, and from 276 metric tons in 2019 to 259 metric tons in 2020 for the latter commodity. Both commodities had a combined share of 16.59 percent in the total minor V & R crops production.

Other V & R crops followed the same trend showing 12.64 percent decrease which contributed 40.61 percent in the total minor fruits production in 2019. Commodities included in this group are green papaya, malunggay fruit, ubi, tugue, alogbati, sweet peas, bamboo shoot, chili pepper fruit, leeks, celery and arrowroot.

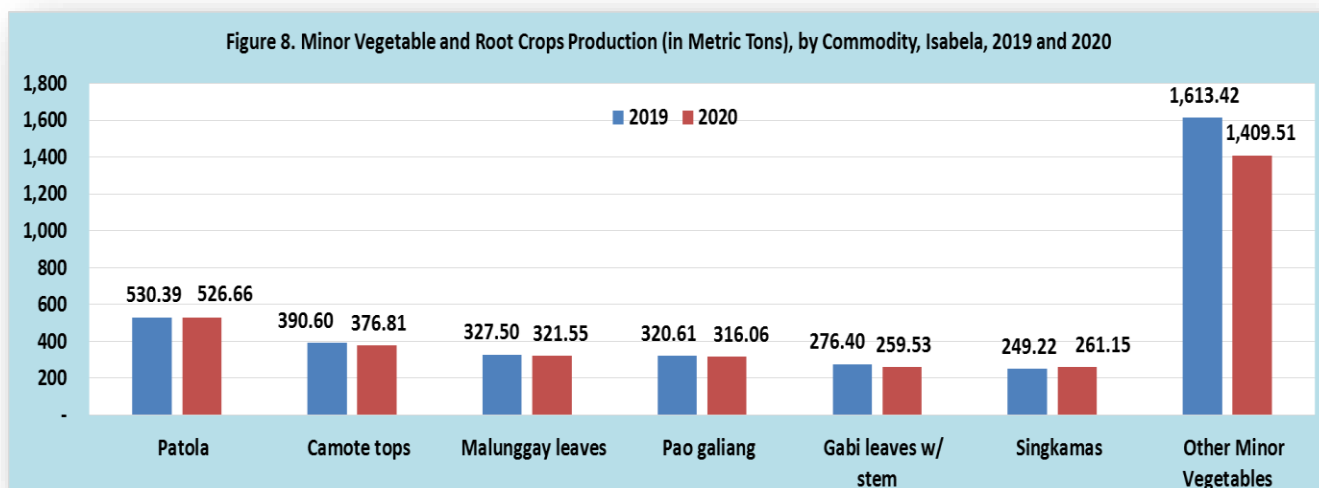
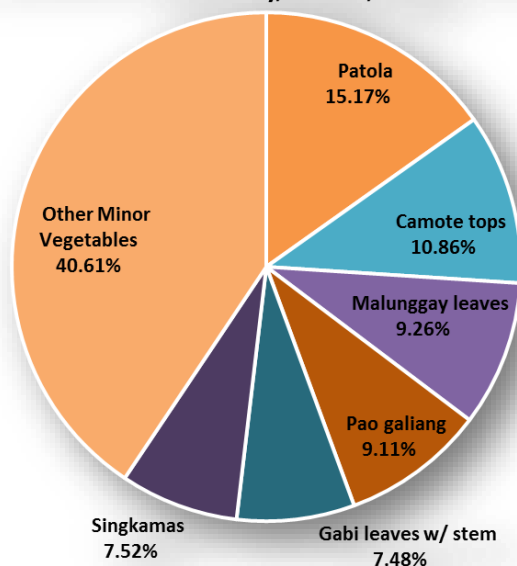
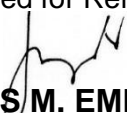


Figure 9. Distribution of Minor Vegetable and Root Crops Production, by Commodity, Isabela, 2020



Approved for Release


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TECHNICAL NOTES

Production refers to the quantity produced and actually harvested for a particular crop during the reference period.

For other crops, area planted refers to the actual physical area planted while area harvested refers to the actual area from which harvests are realized.

Estimates of production and area planted/harvested are generated from the Quarterly Crops Production Survey (CrPS) of which there are four survey rounds in a year, that is, February, May, August, and November.