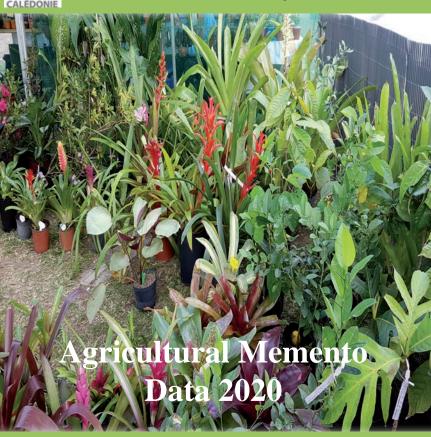


Department of veterinary, food safety and rural affairs
Service of rural statistics and Affairs
Rural statistics and surveys division



209, rue Auguste Bénébig - Haut Magenta BP M2 - 98849 NOUMEA Cedex

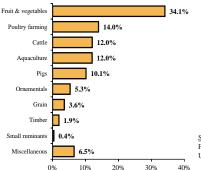
Tél.: (687) 25.51.41 . Fax: (687) 25.51.29 Mél: davar.sar-stats@gouv.nc

Site internet : http://www.davar.gouv.nc



FINAL AGRICULTURAL PRODUCTION IN 2020

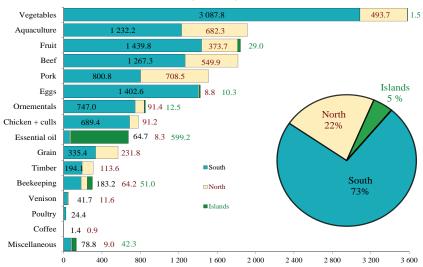
Percentage breakdown by rural sector in value



	Value in million XPF				
	2020 Evol/19				
Vegetable production	7 582.9	2.7%			
Animal production	6 150.3 7.5				
Total agriculture	13 733.2	4.8%			
Aquaculture	1 914.5	-2.9%			
Timber	307.7	-21.2%			
Total Rural sector	15 955.4 3.2%				

Sources: Agence Rurale, ARBOFRUITS, Chamber of agriculture, DAVAR, FCTE, GAPCE, GFA, Maison de la vanille, OCEF, provinces, SUD FORET, UPRA bovine, porcine, équine, ovine et caprine.

Marketed agricultural production, breakdown by Province (million XPF)



Abbreviations (for all memento tables):

///: due to product specifities or non comparable quantities, no realistic figure may be quoted.

Evol/19: trends shown in the 2020 memento are calculated in relation to the revised 2019 figures, which are sometimes different from those published in the memento of July 2020.



ANIMAL PRODUCTION

Marketed production		Value in million XPF		s or its
in 2020	2020	Evol/19	2020	Evol/19
Cattle	1 919.4	-5.7%		
meat	1 859.3	-6.2%	2 978.5	-7.3%
OCEF only	1 609.4	-6.1%	2 530.9	-7.7%
service provision only	11.6	-8.1%	30.7	-7.5%
local butchers only	238.4	-6.3%	416.9	-5.3%
milk	60.1	12.8%	500.9 (1)	12.7%
Poultry farming	2 226.6	26.9%		
eggs	1 421.7	18.3%	43.2(2)	9.0%
chicken + culling	780.6	56.5%	923.7	55.2%
barnyard (3)	24.4	-54.3%	14.5	-53.7%
Pigs	1 619.0	2.5%		
meat	1 619.0	2.5%	2 917.6	4.5%
OCEF only	1 210.3	3.2%	2 085.4	6.0%
service provision only	109.7	3.9%	226.9	6.1%
local butchers only	299.0	-0.8%	605.3	-0.8%
Small ruminants	62.9	-9.3%	142.1	2.9%
venison	53.3	-9.5%	128.0	4.5%
mutton and goat meat	9.5	-8.1%	14.2	-9.4%
Horse breeding (4)	22.6	-17.5%		
Live animals exports	1.5	-79.6%	3 900 u	11,3%
Beekeeping (5)	298.4	21.3%	167.7	23.5%
Animal production (agriculture)	6 150.3	7.5%		
Aquaculture	1 914.5	-2.9%		
Prawns	1 899.9	-3.1%	1 429.1	-4.5%
Sea cucumbers (H.Scabra)	6.4	256.4%	15.7	460.1%
Red emperors	8.2	-11.1%	5.9	-17.2%

- (1) unit: thousands of liters of milk.
- (2) unit: million eggs.
- (3) including rabbits and game birds.
- (4) estimated value. Note: 113 births declared in 2020, of which 60 in the South Province, 30 in the North Province and 23 by artificial insemination.
- (5) estimated value (honey and other bee products).

<u>Sources</u>: Agence Rurale, ADECAL. DAVAR, GFA, OCEF, provinces, UPRA bovine, porcine, équine, ovine et caprine.

The exports in 2020:

- **859 tons of prawns** (+3.5% compared to 2019)
- 3900 exported animals (chicks)
- no exports of venison in 2020 (11 tons in 2019)
- **780 kg of dried sea cucumbers** (5.6 times more than 2019)

<u>Sources</u>: ISEE-Direction régionale des Douanes (exported animals), Agence Rurale, OCEF, ADECAL, Province Sud

Pork sector: 33 484 pigs slaughtered (32 126 in 2019)

Average producer sale price: 572 XPF/kg (-2.4% compared to 2019)

 $\begin{tabular}{ll} \textbf{Artificial insemination:} Inseminated sows: $\bf 59 \ (48 in 2019) \\ \textbf{Gestation rate (28 days): } \bf 48\% \\ \end{tabular}$

Sources : Agence Rurale, DAVAR, OCEF, UPRA porcine

<u>Bovine sector</u>: 14 553 head slaughtered (15 627 in 2019)

Artificial inseminations (A.I.) and embryo transplants (E.T.):

Number of A.I.: 647 (816 in 2019) Gestation rate (45 days): 58%

Number of E.T.: 0 (82 in 2019) Gestation rate (45 days): // Sources: Agence Rurale, DAVAR, OCEF, UPRA bovine

Category	Carcass	tonnage	Average producer price (XPF/kg)		
	2020	Evol/19	2020	Evol/19	
Beef	1 882	-9.6%	657	1.3%	
Calves	1 097	-3.2%	621	1.4%	
Total	2 978	-7.3%	643	1.3%	



PLANT PRODUCTION

(1) melon,	watermelon,	strawberry,
raspberry.		

- (2) including pineapple, mango, lychee, pawpaw, avocado...
- (3) main end products are 93 tons of oil and the equivalent of 81 tons of copra meal.
- (4) equivalent dried vanilla
- (5) Niaouli. sandalwood (exports data for sandalwood essential oils) and others.
- (6) tonnage equivalent to 2 950 m³ of lumber.
- (7) produced units: posts, poles, stakes.

			Tons or		
Marketed production	Value in XI		Ton: Un		
in 2020	2020	Evol/19	2020	Evol/19	
Supervised crops	1 005.4	11.4%	15 796.1	11.1%	
squash	168.6	9.8%	3 055.2	10.5%	
potatoes	269.6	5.8%	2 616.1	5.3%	
grain	567.2	14.7%	10 124.8	12.8%	
Vegetables	3 152.7	2.9%	9 293.5	-4.9%	
fresh vegetable	2 706.2	1.8%	8 051.6	-6.3%	
dried oinions	146.8	-19.1%	596.1	-10.1%	
tropical tuber	299.7	33.5%	645.8	26.0%	
Fruits	1 851.8	6.5%	5 178.9	8.9%	
citrus fruit	503.1	4.3%	1 461.9	-1.2%	
openfield fruit (1)	499.8	3.5%	1 457.6	16.2%	
bananas	438.6	25.0%	1 237.7	19.7%	
others (2)	410.2	-2.9%	1 021.7	3.5%	
Ornementals	850.8	-8.7%			
Coffee	2.2	-17.2%	1.9	-3.4%	
Copra (3)	33.2	53.9%	238.0	24.6%	
Vanilla (4)	14.5	-12.6%	0.7	-9.9%	
Essential oils (5)	672.2	-4.5%	11.4	5.7%	
Plant production	7 582.9	2.7%			
Timber	307.7	-21.2%			
lumber	185.8	-26.5%	2 210.6 (6)	-20.8%	
industrial timber	121.9	-11.5%	74 546 ⁽⁷⁾	-11.1%	

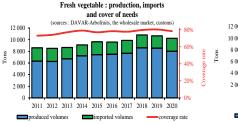
Sources: Agence Rurale, ARBOFRUITS, Chamber of agriculture, DAVAR, GAPCE, OCEF, Maison de la vanille. Provinces, SUD FORET

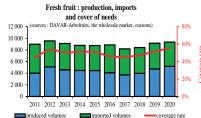
The exports in 2020:

- 10.7 tons of essential oils (sandalwood) (+6.7% compared to 2019)
- 3 055 tons of vegetables (only squashs) (+10 % compared to 2019)
- 17.4 tons of fruits (limes) (-52 % compared to 2019)

Sources : ISEE-Direction régionales des douanes, Agence Rurale (vegetables and fruits)

Evolution of fruits and fresh vegetables marked over a 10-year period







IMPORTS OF AGRICULTURAL PRODUCTS

- (1) one unit equivalent to one thousand liters of milk.
- (2) including rabbit meat.
- (3) fresh eggs, hatching eggs and live animals.
- (4) mutton.
- (5) 31 horses and donkeys imported.
- (6) including dried fruits and vegetables.
- (7) unit in equivalent tons of green coffee (according to the 2001 International Coffee Agreement), that is 784 tons (gross tonnage) including green coffee, roasted coffee, instant coffee and other coffee extracts and essences.
- (8) 8 811 tons of uncut timber and sawn or prepared timber (excluding charcoal and plywood), equivalent to approx. 11 000 m³

Cattle meat: production, imports

2011 2012 2013 2014 2015 2016 2017 2018 2019 2020

imported volumes

(9) oysters and oyster spats.

0

produced volumes

2020	Value*	Evol/19	Tons or Units (u)	Evol/19
Cattle	1 333.6	-10.3%	1 660.6	-6.1%
Milk and dairy products	5 252.2	-0.7%	102 042.8 (1)	13.0%
Aviculture	2 670.6	4.8%		
chicken meat	2 311.1	5.3%	10 064.8	10.0%
poultry meat (2)	271.7	5.6%	275.5	3.5%
others (3)	87.7	-8.4%		
Pork	285.7	26.9%	686.3	-3.8%
Small ruminants (4)	299.5	-19.2%	356.3	-15.8%
Horses (5)	71.0	146.1%		
Bee products	1.8	-2.3%	1.7	45.0%
Fruit and vegetables (6)	1 839.3	-3.2%	8 860.0	2.6%
fruit	1 175.0	-2.5%	4 555.1	-4.5%
vegetables	556.3	-4.4%	2 662.5	3.8%
oinions	81.8	-20.6%	1 224.9	6.8%
potatoes	26.2	167.4%	417.5	165.7%
Ornementals	53.2	-54.1%		
Coffee	894.4	-6.1%	1 291.1 (7)	-6.8%
Vanilla	2.2	145.1%	0.03	93.8%
Grains	2 090.3	-2.7%	43 219.1	6.8%
Tea tree, sandalwood	2.2	-5.2%	1.0	96.9%
Total agriculture	14 796.1	-1.8%		
Timber (8)	814.0	0.6%		
Aquaculture (9)	155.9	0.8%		
Total imports	15 765.9	-1.7%]	

*Value : CIF price in million XPF

Sources : ISEE-Direction régionale des douanes,

OCEF (cattle meat, pig and mutton meat, and potatoes)

Pig meat : production, imports

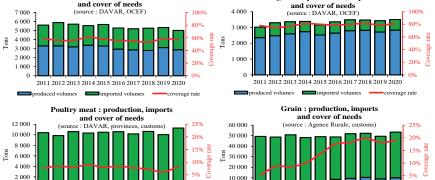
2011 2012 2013 2014 2015 2016 2017 2018 2019 2020

imported volumes

-coverage rate

produced volumes

Evolution of some sectors products marketed over a 10-year period



CLIMATOLOGY

Rainfall (mm)	Normal	2020	2020/ Normal
Koumac	984.8	866.8	88.0%
Koné	1 096.8	1 216.7	110.9%
Poindimié	2 630.4	2 549.0	96.9%
Bourail	1 240.6	1 161.2	93.6%
Tontouta	897.3	841.5	93.8%
Ouanaham (Lifou)	1 674.8	1 262.1	75.4%

• ESSENTIAL OF THE YEAR 2020:

Two cyclonic phenomena had repercussions in 2020. The path near Grande-Terre of tropical cyclone UESI (from February 9th to 13th) and of strong tropical depression GRE-TEL (from March 14 to 16) generated among others gusts of wind reaching respectively 120 and 170 km/h. A rare occurrence for our latitudes, hailstorms were observed during the night of May 30 to 31 on the West Coast of Grande-Terre.

Temperatures:

➤ Annual average temperature in 2020 is 23.9°C, as 0.6°C above 1981-2021 normal, making 2020 the 4th hottest year since 1970. In 2020, there are 11 months with average temperatures above normal values.

Wind:

➤ Wind blew vigorously, higher than normal in 2020. The trade winds, the prevailing wind in New Caledonia, were present for 275 days.

Rainfall:

Total rainfall for the year 2020 is close to the 1981-2021 reference. Only January and June stand out with a marked rainfall deficit, then December with a largely surplus balance sheet. Three homogeneous zones emerge from the annual rainfall report: Northern half of the country benefited from slightly wetter than normal conditions (around 5% excess), while Southern half of Grande-Terre as well as the Île des Pins (approximately -10%), and the Loyalty Islands (around -20%) show a slightly negative balance sheet.

The striking meteorological phenomenon:

In January 2020, accumulations of precipitation are much lower than normal. Rains make a resounding return in the caledonian sky in February with cyclone UESI between 9th and 13th, then formation of a remarkable rainstorm at the end of the month in the area from Thio to Yaté. During March, April and May, precipitation amounts are generally close to or even above normal. Tropical depression GRETEL from March 14 to 16, then several periods of unstable weather cause rain showers in turn. Predominance of a stable trade wind leads to generally dry weather, so in June the deficits are large and widespread. Sky is more generous in July and August with some rainy episodes of tropical origin. In September and October, episodes of unstable trade winds and tropical weather bring generous rains which result in an overall surplus of rainfall but close to seasonal norms. In November results remain close to normal. In December, the weather is very unstable and the rains are more regular. The accumulations are about twice as high as normal (except at Maré).

Source: Météo France / New-Caledonia

FERTILIZERS AND PHYTOSANITARY PRODUCTS

Marketed fertilizers for professionals of Agriculture in 2020: 4 991 tons (-16% compared to 2019)

Fertilizer type	Tons
lithothamne	180.2
urea	556.9
17.17.17	527.4
10.12.24	546.7
calcium nitrate	251.1
0.32.16	115.3
potassium sulfate	154.7
0.10.25	19.0
others	2 639.4
TOTAL	4 990.6

Tons
4 104.7
875.6
10.3
4 990.6

Source: Chamber of agriculture

^{*} breakdown includes fertilizers stockpiled in Ducos (Noumea) and a part sold to professionals and servicing centers.

Use*	Tons
Vegetables, onions	1 700.8
Grain	1 377.0
Pasture	511.6
Squash	357.6
Reforestation, nursery	264.3
Potatoes	226.0
Fruit	187.4
Aquaculture	114.6
Others	251.4
TOTAL	4 990.6

Phytosanitary products imported for professionals of Agriculture in 2020:

Category	Herbicides	Insecticides	Fungicides	Fungicides Misc.		
Tons	25.7	15.0	9.4	1.4	51.6	
(evol/2019)	(-14%)	(-7%)	(+48%)	(+31%)	(-4%)	
Source : DAVAR-SIVAP						

** about 10% of all herbicides, insecticides and fungicides imported in 2020(except aerosols) were sold to professionnals of Agriculture.



AGRICULTURAL FINANCING

Public intervention (in million XPF)	State (1)	NC (2)	South (3)	North (3)	Islands (3)	TOTAL	Evol/19
1 - agriculture and rural territories (4)	126.7	3 827.5	602.4	273.9	83.7	4 914.2	-10%
11 - markets and agricultural incomes		3 313.5	267.1	45.2	75.0	3 700.9	-3%
Price support – cost reduction		1 620.0	198.4	40.7	0.3	1 859.4	
Products subsidies		262.0	5.6			267.6	
Marketing subsidies		120.6				120.6	
Sector organization and modernization		195.4	15.5		63.5	274.4	
Promotion and quality management systems		110.8	47.6	4.5	11.3	174.2	
Risk management (including emergencies)		1 004.7				1 004.7	
Other actions							
12 - rural development	126.7	371.3	335.3	228.6	8.7	1 070.5	-24%
Setting up. modernization. pollution control	23.2	25.3	273.4	81.8	5.5	409.1	
Cessation of agricultural activities		3.0				3.0	
Agricultural environment intervention		37.4				37.4	
Development and protection of the countryside		124.0	35.7			159.7	
Processing and marketing of agricultural products	11.9			5.3	2.0	19.3	
Horse-related activities		34.3	26.2		0.4	60.9	
Others	91.6	147.2		141.5	0.8	381.1	
13 - sanitary safety of plants and animals		142.7				142.7	-44%
2 - aquaculture (4)		180.0	22.8	30.5		233.3	1%
3 - forestry (4)		21.3	155.0	87.4	9.7	273.4	-21%
TOTAL 1 + 2 + 3	126.7	4 028.8	780.2	391.8	93.4	5 420.9	-10%
Share per level of government	2%	74%	14%	7%	2%	100%	
4 - education and research (4)	1 204.8	540.8	126.7	224.5	3.2	2 100.0	-10%

- (1) ADRAF, DAFE, French state.
- (2) New Caledonia (Customs, DAVAR) and public corporations (Agence Rurale, Chamber of agriculture).
- (3) South, North and Islands provinces.
- (4) The labour and operating costs related to the general and/or technical services of the different institutions were not taken into account. Only the category education and research includes these costs.

Note: this table presents an inventory of the financial grants made in 2020 to agriculture, aquaculture, forestry and agricultural education. Figures are not exhaustive and are likely to be amended in future publications.

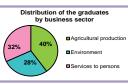
AGRICULTURAL TRAINING

Information about agricultural training courses (CAP to BTS) and validation of previous experience (VAE):

Department of agriculture, forestry and environment (DAFE)
Tel: 23.24.30 sfd.nouvelle-caledonie@educagri.fr

New Caledonian Agricultural Education Internet portal: http://www.formagri.nc

		Number of graduates from the ministry of Agriculture and Food								
	of enrolled students and trainees		BEPA	BPA	BP	BAC Vocational	BAC Technical	BTSA	Total	
2018	559	21	50	12	-	73	21	7	184	
2019	577	24	68	-	-	55	19	9	175	
2020	531	22	55	_	_	74	16	12	179	



Horticulture, 2018 data



In 2019, a survey was carried out to assess the development of ornamental horticulture (flowers and foliage, ornamental plants) and revegetation between 2011 and 2018, and to draw up a report on the production of reforestation plants, fruit plants, market garden plants or herbs.

NB: 638 people were surveyed across New Caledonia as part of the horticultural data update. The statistical processing of data presented below relates to 405 horticulturalists responding to the survey's scope (having at least one are and marketing part of their production).



The Northern province concentrates more than half of the horticulturalists. For many of them, horticulture represents an additional source of income. With 88% of turnover, the Southern province brings together the largest New Caledonian farms!

The main segments of Caledonian horticulture identified during this survey are ornamental and revegetation. These two segments represent 84% of turnover, or nearly 928 million XPF. Of the 807 million generated by ornamental horticulture alone, cut flowers and foliage weigh 33%, the rest coming from ornamental plants.

THE PRODUCTION OF ORNAMENTAL PLANTS DOMINATES THE MARKET WITH 365 HOLDINGS AND 52% OF MARKET

Main ornamental plants	Value (M XFP)	Plants number (Thousand)
BEDDING PLANTS AND FLOWERING BUDS	123.7	225.9
PALMS TREES AND CYCADS	113.5	28.7
TREES. SHRUBS. FLOWER LINES	110.4	59.5
TREES. SHRUBS. LINES WITH ORNAMENTAL FOLIAGE	78.0	38.9
GRASS	45.3	-
ORCHIDS	40.2	10.9
BROMELIAD	31.6	12.7
OTHERS	26.6	22.9
TOTAL ORNAMENTAL PLANTS	569 4	399.6

85% of the market value of ornamental plants is produced by the Southern Province where nearly 347,000 plants have been marketed out of a total of 400.000.

Bedding plants and flower pots are popular. In 2018, no less than 226,000 plants were sold for a market value of 124 million XPF.

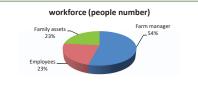
With 114 million XPF and 29,000 plants, palms and cycads are the crops with the highest average unit market value.

CALEDONIAN HORTICULTURE GENERATES JOBS

Caledonian horticulture employs no less than 751 people representing 339 Full Time Equivalent (FTE).

About half of these FTE are provided by farm managers, 79% of whom are women. Employees represent nearly 35% of FTEs.

In addition to this permanent workforce, the seasonal workforce (121 people), or about 9 FTE.



Figures for 2020 shown in this memento are provisional (data known as of 1 July 2021) and may be modified in future publication.

Statistics division publications are available for consultation on: http://www.davar.gouv.nc