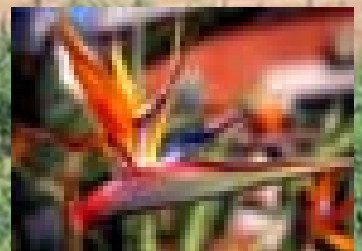




Department of veterinary, food and rural affairs
Water and Rural Statistics and Surveys Department
Farming and Food Monitoring Unit

Agricultural Memorandum Data 2006

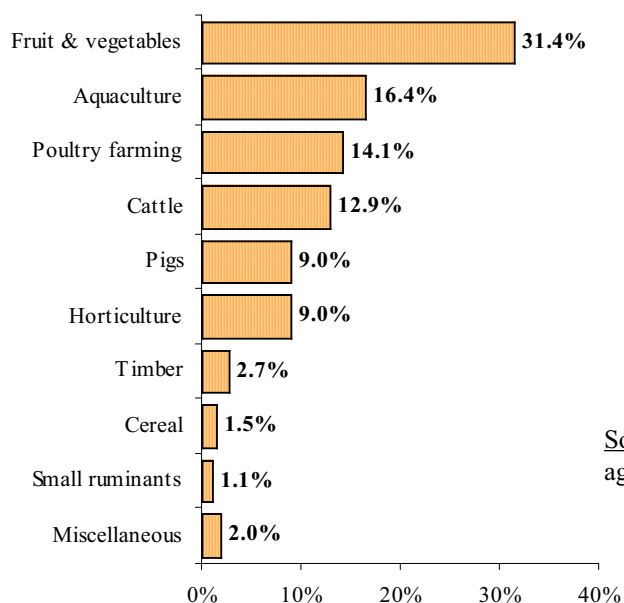


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BP 256 - 98845 NOUMEA Cedex
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Internet site : <http://www.davar.gouv.nc>

July 2007

FINAL AGRICULTURAL PRODUCTION 2006

Percentage breakdown by rural sector

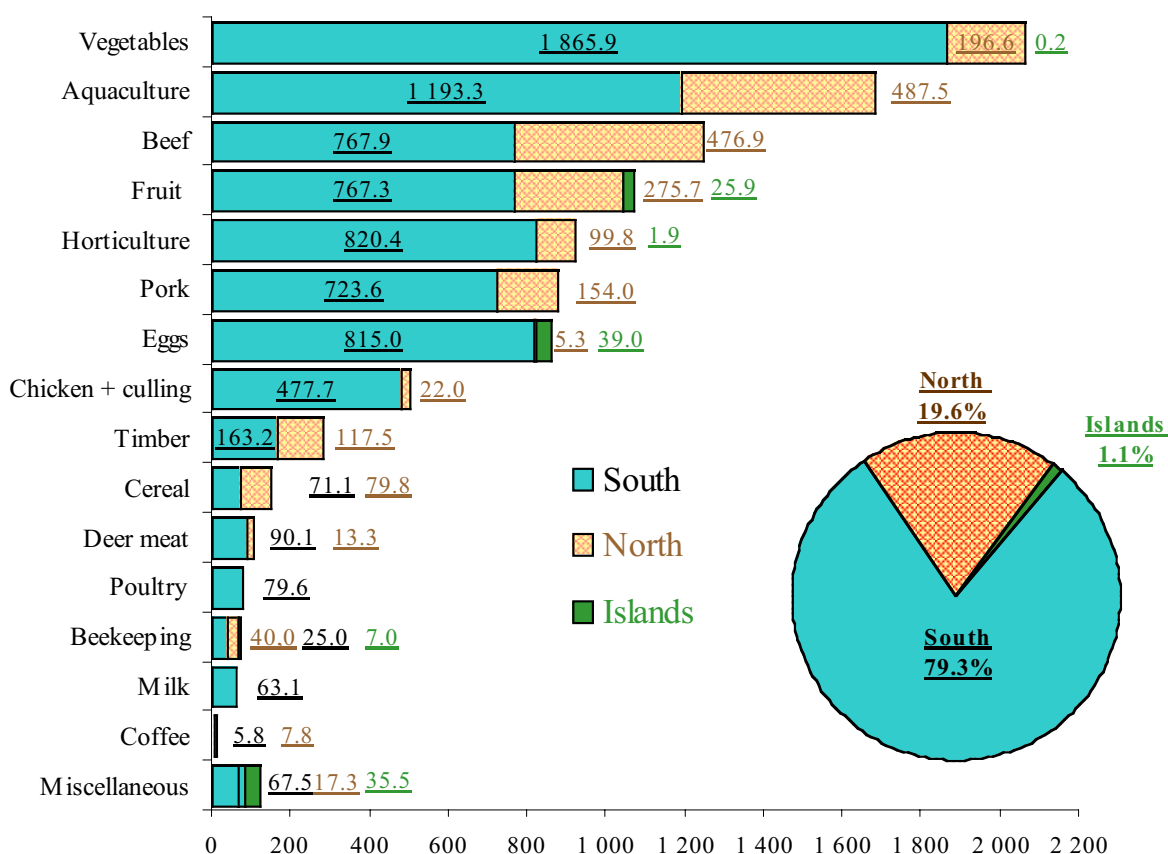


	Total in million XPF	
	2006	Evol/05*
Vegetable production	4 390.3	9.3%
Animal production	3 894.8	2.3%
Total agriculture	8 285.1	5.9%
Aquaculture	1 680.7	-16.8%
Timber	280.7	-1.1%
Total Rural sector	10 246.5	1.2%

Sources : DAVAR, Provinces, ERPA, OCEF, FCTE, ARBOFRUITS, Chamber of agriculture, UPRA bovine, porcine, équine, UPROC, GFA

Marketed agricultural production, breakdown by Province

(provisional figures, million XPF)



Abbreviations (for all Memorandum tables) :

ng : data not given

na : data not available

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

Evol/05 : trends shown in the 2006 memorandum are calculated in relation to the revised 2005 figures, which are sometimes different from those published in the memorandum of June 2006.



ANIMAL PRODUCTION

Production in 2006

	Total in million XPF		Tons or Unity (u)	
	2006	Evol/05	2006	Evol/05
Cattle	1 320.3	-10.6%		
meat	1 257.2	-11.0%	2 991.9	-15.1%
including OCEF	939.0	-14.1%	2 212.6	-18.7%
including provision of a service	2.6	-49.2%	11.5	-49.2%
including domestic butchery	315.6	0.6%	767.8	-1.7%
livestock exports	0.0	///	0.0	///
milk ⁽¹⁾	63.1	-1.9%	789.0 u	-1.9%
Poultry farming	1 445.2	12.1%		
eggs ⁽²⁾	859.3	11.5%	1 951.4	5.3%
chicken + culling	499.7	18.2%	834.3	5.9%
poultry ⁽³⁾	79.6	-8.0%	68.3	-11.7%
livestock exports	6.6	-27.5%	31 900 u	-31.4%
Pigs	922.1	8.6%		
meat	921.6	9.0%	1 965.3	7.9%
including OCEF	580.1	6.9%	1 230.8	6.8%
including provision of a service	44.1	33.7%	103.4	34.0%
including domestic butchery	297.5	10.2%	631.1	6.7%
livestock exports	0.5	-84.9%	12 u	-84.2%
Small ruminants	109.2	-1.7%	257.9	-1.0%
deer meat	103.4	0.5%	248.0	0.9%
mutton and goat meat	5.8	-28.9%	9.9	-33.3%
Horse breeding ⁽⁴⁾	26.0	4.0%		
Beekeeping (honey) ⁽⁵⁾	72.0	29.4%	67.0	14.0%
Animal production (agriculture)	3 894.8	2.3%		
Aquaculture	1 680.7	-16.8%		
prawns	1 586.0	-17.9%	2 278.0	-5.1%
oysters ⁽⁶⁾	80.2	12.6%	86.6	3.4%
crayfish	14.6	-13.3%	8.1	-13.3%

Sources : DAVAR, provinces, ERPA, OCEF, UPRA bovine, porcine, équine, UPROC, GFA

(1) unit : one thousand litres of milk.

(2) tonnage equivalent to 2 965 400 dozen.

(3) including rabbit keeping and game birds.

(4) estimated value. Note : 144 births declared in 2006, including 113 in the South Province, 10 in the North Province and 21 by artificial inseminations.

(5) estimated value.

(6) reared oysters only, tonnage equivalent to approx. 91 000 dozen.

Pig sector :
24 159 head slaughtered
(22 270 in 2005)

OCEF average producer sale price :

471 XPF/kg

(+0.1% compared to 2005)

Artificial inseminations :

Inseminated sows : **140**

(94 in 2005)

Gestation rate (28 days) : **46 %**

Source : UPRA porcine

Bovine sector : 16 340 head slaughtered

(19 366 in 2005)

Artificial inseminations (A.I.) and artificial inembryonations (A.E.) :

Number of A.I : **522** (608 in 2005) Gestation rate (45 days) : **41 %**

Number of A.E. : **10** (58 in 2005) Gestation rate (45 days) : **40 %**

Source : UPRA bovine

Category	Slaughtered tonnage (bled out meat)		OCEF average producer price (XPF/kg)	
	2006	Evol/05	2006	Evol/05
Mature cattle	1 730	-16.8%	424	+7.0%
Young cattle	243	-14.5%	405	+2.2%
Calves	1 019	-12.2%	432	+4.4%
Total	2 992	-15.1%	424	+5.7%

Sources : OCEF, DAVAR

Exports in 2006

	Total *	Evol/05	Tons/U	Evol/05
Livestock ⁽¹⁾	7.1	-42.4%	31 912 u⁽¹⁾	-31.5%
Meat, fat	40.7	-19.2%	72.6	-24.4%
deer meat representi ng	40.4	-19.7%	72.4	-16,6%
Others	0.3	-37.8%	///	
Total animal exports (agriculture)	48.1	-23.8%		
Prawns	2 176.9	-8.2%	1 786.0	4.5%
Total animal exports	2 225.0	-8.6%		

(1) 31 900 poultry (cocks and hens not exceeding 185g) and 12 pigs

*Total : FOB cost in million XPF

Source : Customs



VEGETABLE PRODUCTION

Production in 2006	Total in million XPF		Tons or Unity (u)	
	2006	Evol/05*	2006	Evol/05*
Vegetables	2 125.4	12.5%	12 593.1	12.5%
fresh vegetables	1 555.2	14.2%	6 109.9	1.4%
dried onions	122.0	-14.5%	655.7	3.1%
squash	147.6	10.9%	2 743.0	30.7%
plantain bananas	57.4	34.4%	452.3	37.7%
tropical tuber	103.7	-4.4%	366.2	-17.4%
potatoes	139.5	38.8%	2 266.0	36.1%
Fruits	1 087.8	22.2%	5 560.3	30.9%
citrus fruits	340.2	15.9%	2 035.4	32.6%
sweet bananas	320.5	55.1%	1 701.2	49.1%
fruits of full field ⁽¹⁾	158.2	-1.4%	790.4	4.4%
Others ⁽²⁾	269.0	17.3%	1 033.3	26.6%
Horticulture	922.1	2.5%		
Coffee	13.6	-1.8%	25.0	0.0%
Copra ⁽³⁾	8.5	-43.3%	137.0	-34.1%
Vanilla	16.6	35.7%	0.4	35.7%
Cereals	150.9	-40.1%	3 955.5	-37.1%
Niaouli, sand alwood	60.0	18.0%	2.4	-0.4%
Sandalwood by-products	5.4	21.3%	45.0	-2.1%
Vegetable production	4 390.3	9.3%		
Timber sector	280.7	-1.1%		
lumber ⁽⁴⁾	191.0	-9.8%	2 569.9	-19.9%
industrial timber ⁽⁵⁾	89.7	24.4%	91 940 u	0.3%

(1) melon, watermelon, strawberry

(2) including pineapple, mango, lychee, papaya, avocado...

(3) mainly end products in 64 tons of oil and 47 tons of oil-cake.

(4) tonnage equivalent to 3 427 m³ of lumber.

(5) produced units : posts, poles, stakes. 4.4 million XPF for 873 m³ of pine mulch are included in the total.

Sources : DAVAR, Provinces, ERPA, OCEF, FCTE, ARBOFRUITS, Chamber of agriculture

Exports in 2006	Total *	Evol/05	Tons/U	Evol/05
Fruits ⁽¹⁾	14.3	15.0%	44.6	74.0%
Vegetables	62.3	25.7%	2 719.2	29.9%
squash representing	60.1	40.2%	2 709.8	31.0%
Essential oils ⁽²⁾	89.9	75.7%	4.0	82.3%
Others	1.0	-23.2%	///	
Vegetable production	167.5	46.3%		

(1) mainly lime and watermelon

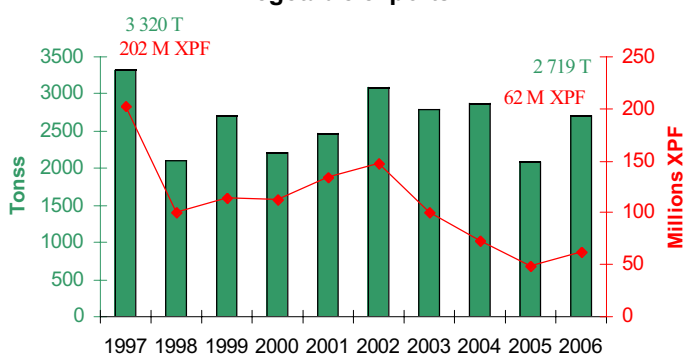
(2) sandalwood and niaouli

*Total : FOB cost in million XPF

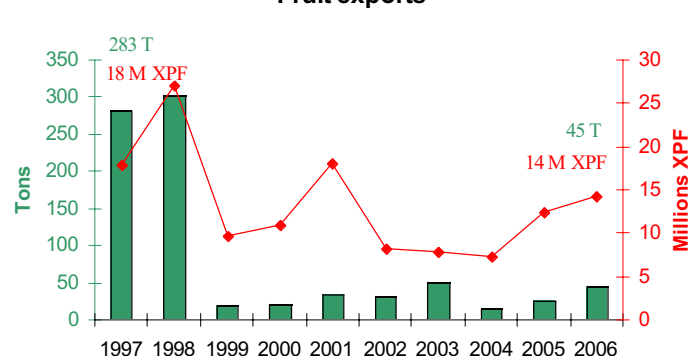
Sources : Customs, ERPA

Export trend over a 10-year period (fruits and vegetables)

Vegetable exports



Fruit exports



AGRICULTURAL PRODUCE IMPORTS



(1) unit in equivalent thousand litres of milk

(2) including rabbit keeping

(3) 9 710 chicks (5 110 cocks and hens, 4 600 other poultry animals).

(4) including dried fruits and vegetables

(5) unit in equivalent tons of green coffee (according to the 2001 International Coffee Agreement), that is, 636 tons (gross tonnage) including green coffee, roasted coffee, instant coffee and other coffee extracts and essences.

(6) including 0.10 million XPF of niaouli essential oil.

(7) 12 374 tons of uncut timber and sawn or prepared timber (excluding charcoal and plywood), equivalent to approx. 15 467 m³, for 704.2 million XPF.

(8) 2.5 tons of prawns, 1.7 ton of oyster spats and 82.3 tons of oysters.

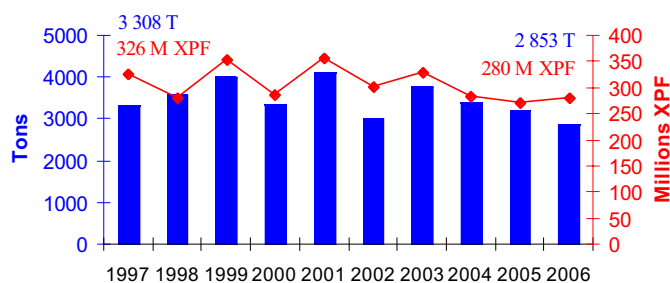
2006	Total*	Evol/05	Tons/U	Evol/05
Cattle	699.1	70.6%		
beef	697.8	72.0%	1 405.7	121.8%
breeding animals		///	0 (u)	///
bull semen	1.3	-10.6%	///	///
Milk & dairy products ⁽¹⁾	2 840.3	2.6%	65 643.9	1.0%
Aviculture	1 197.0	-7.4%		
chicken meat	964.6	-10.8%	6 815.0	-8.7%
poultry meat ⁽²⁾	198.4	14.5%	347.8	-2.8%
hatching eggs	28.8	-14.8%	37.1	-7.2%
livestock ⁽³⁾	5.2	1.8%	9 710 (u)	-38.0%
Pigs (pork)	101.0	59.4%	379.0	63.5%
Small ruminants	296.4	-12.2%		
mutton & lamb	296.4	-11.7%	591.7	9.3%
deer meat	0.0	///	0.0	///
breeding mutton & lamb		///	0 (u)	///
Donkeys and horses	25.0	-17.8%	25 (u)	-47.9%
Beekeeping	1.9	-5.8%	2.9	-23.0%
Fruits and vegetables ⁽⁴⁾	857.9	3.0%	5 980.4	-6.6%
fruits	577.9	2.9%	3 127.7	-2.2%
vegetables	221.5	11.7%	1 278.6	-2.4%
onions	27.6	-22.9%	572.2	-28.2%
potatoes	30.9	-17.2%	1 001.9	-8.6%
Horticulture	115.2	-15.5%		
Coffee ⁽⁵⁾	390.4	21.7%	1 140.0	15.6%
Vanilla	1.8	-28.9%	0.2	-67.3%
Cereals	1 332.6	3.4%	42 247.5	5.0%
Total agriculture ⁽⁶⁾	7 858.6	5.0%		
Timber sector ⁽⁷⁾	704.2	3.6%		
Aquaculture ⁽⁸⁾	72.8	-8.2%		
Total imports	8 635.6	4.7%		

*Total : CIF cost in million XPF

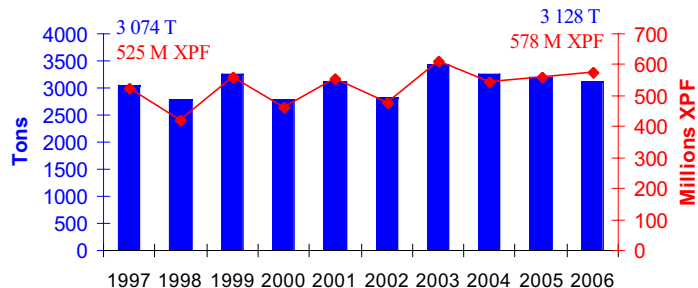
Sources : Customs

Import trends over a 10-year period (some sectors)

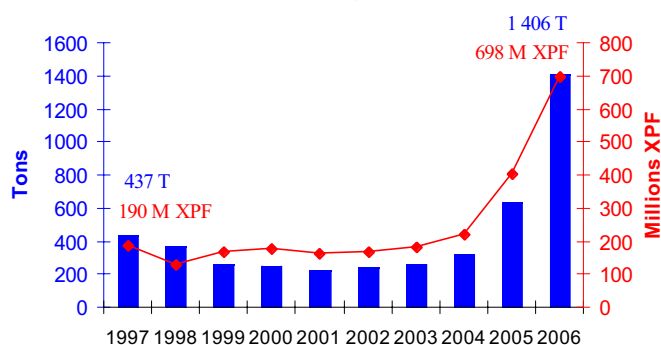
Vegetable imports



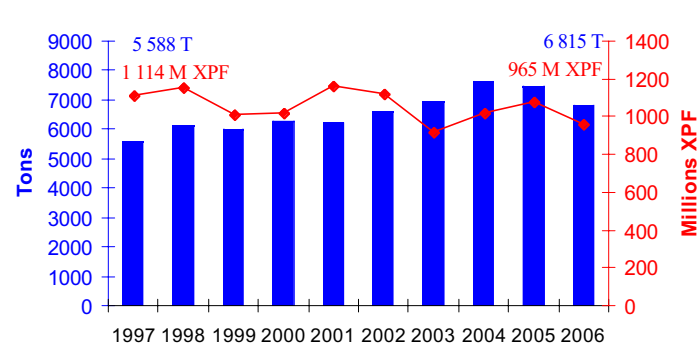
Fruit imports



Beef imports



Chicken meat imports





CLIMATOLOGY

Rainfall (mm)	Average	2006	2006/Average
Koumac	982.0	867.8	88%
Koné	1 095.7	1 228.0	112%
Poindimié	2 645.2	2 389.0	90%
Canala	1 679.8	1 240.5	74%
Bourail	1 076.6	1 166.8	108%
Païta	1 164.9	884.1	76%
Yaté	3 205.1	3 055.5	95%
Ouanaham (Lifou)	1 699.4	1 527.4	90%

• Commentary :

Rainfall for the year has been lower than the annual average. An uneven pattern of rainfall was evident over the year, with normal rainfall occurring generally until May and a large rainfall deficit occurring from June through to December. This drought episode is related to an El Nino phenomenon.

• Some memorable events :

Rainy episodes :

- from the 17th to the 22th of January (North & Islands)
- from the 11th to the 13th of April (West coast & Islands)
- May 24th-25th & 29th-30th (North)
- August 4th-5th (the whole of the main island)

Temperatures :

- the lowest : 3.4°C the 24th of August in La Roche
- the highest : 37.4°C the 16th of November in Bouraké

Wind : Strongest wind gust recorded on the 25th of May in Bouraké (104 km/h)

Source : Météo France / New-Caledonia – Annual climatological summary 2006

FERTILIZERS AND PHYTOSANITARY PRODUCTS

Marketed fertilizers in 2006 : 4 426 tons (-7.5 % compared to 2005)

	Tons
South Province	3 693.4
North Province	716.0
Islands Province	16.4
TOTAL	4 425.8

Source : Chamber of agriculture

Use*	Tons
Market gardening	782.1
Pasture	541.1
Fruits	352.5
Squash	201.6
Potatoes	93.9
Cereal	38.9
Others	874.7

* breakdown only includes fertilizers stockpiled in Ducos (Nouméa) and sold to professionals and multiservice centers.

Kind of fertilizer*	Tons
17.17.17	664.1
10.12.24	504.3
Urea	416.4
Lithothamne	179.8
0.32.16	157.4
13.13.21	146.6
Other fertilizers	816.2

Phytosanitary products imported in 2006 : 136 tons

(+27.2 % compared to 2005)

Category	Herbicides	Insecticides	Fungicides	Misc.	TOTAL
Tonnes	71.2 (+8.7%)	25.9 (+55.1%)	11.6 (+2.7%)	27.3 (+103.7%)	136.0

Source : DAVAR-SIVAP



THE FINANCING OF AGRICULTURE

Incentive packages (in million XPF)	State (1)	NC (2)	South (3)	North (3)	Islands (3)	TOTAL
1 - agriculture and rural territories (4)	279.0	1 164.2	523.0	256.9	97.2	2 320.4
11 - markets and agricultural incomes	47.2	981.5	315.1	125.8	66.4	1 536.0
111 - price support – cost reduction		659.1	300.3	21.3	58.8	1 039.5
112 - producer assistance				99.0	3.6	102.6
113 - marketing assistance		124.6	14.8			139.4
114 - sector organization and modernization	12.0	46.4				58.3
115 - promotion and quality management systems		35.2		5.5	4.0	44.7
116 - risk management (including emergencies)		78.8				78.8
117 - other actions	35.2	37.5				72.8
12 - rural development	231.8	151.7	207.9	131.1	30.8	753.3
121 - setting up, modernization, pollution control	18.8	4.3	173.9	74.6	30.8	302.4
122 - cessation of agriculture activities		11.0				11.0
123 - agri-environmental measures	34.7		9.1			43.8
124 - development and protection of the countryside	54.3					54.3
125 - processing and marketing of agricultural produce	63.3			15.8		79.1
126 - horse-related activities	16.0	29.3	24.8	5.3		75.5
127 - others	44.7	107.1		35.4		187.1
13 - sanitary safety of plants and animals		31.0				31.0
2 - aquaculture (4)		276.6	85.3			361.9
3 - forestry (4)	40.6		52.9	76.0		169.6
TOTAL 1 + 2 + 3	319.7	1 440.9	661.2	332.9	97.2	2 851.8
4 - education and research (4)	1 048.9	64.0	353.1	96.4	55.4	1 617.8

1€ = 119.33 XPF

- (1) High commission, DAFE, ADRAF
 (2) New Caledonia (DAVAR, Customs) and public corporations (ERPA, APICAN, Chamber of agriculture)
 (3) South, North and Islands provinces
 (4) The personnel and operating costs relating 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 2006 to agriculture, aquaculture, forestry and agricultural education. The figures are not exhaustive and are likely to be amended in future publications.

AGRICULTURAL TRAINING

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

Direction du service d'Etat de l'agriculture de la forêt et de l'environnement (DAFE)

Tel : 23.24.30 sfd.nouvelle-caledonie@educagri.fr

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

Enrollment and number of graduates of the Ministry of Agriculture over the last 3 years :

	Enrolled students and trainees	CAPA	BEPA	BPA	BP	BAC Vocational	BTA	BAC Technical	BTSA	Total
2004	780	70	38	16	8	17	18	8	6	181
2005	768	81	32	8	6	15	15	10	9	176
2006	771	84	38	5	6	17	19	8	12	189

CAPA : Certificat d'aptitudes professionnelles agricoles
 BEPA : Brevet d'études professionnelles agricoles
 BPA : Brevet professionnel agricole

BP : Brevet professionnel
 BTSA : Brevet de technicien supérieur agricole
 BTA : Brevet de technicien agricole

Source : DAFE

THE ORNAMENTAL HORTICULTURE 2006

SOME FIGURES *

* Results of the investigation conducted by the DAVAR in 2007. Those results concern the farms having **at least 100 square metres** for ornamental production and **selling at least one part** of their production.

275 farms in operation, producing 2,117,000 cut flowers and 447,000 ornamental plants, and a turnover of **922 million XPF** in 2006.

The ornamental horticultural sector holds 6th position among the major Caledonian agricultural industries and is equal to the pork production industry.

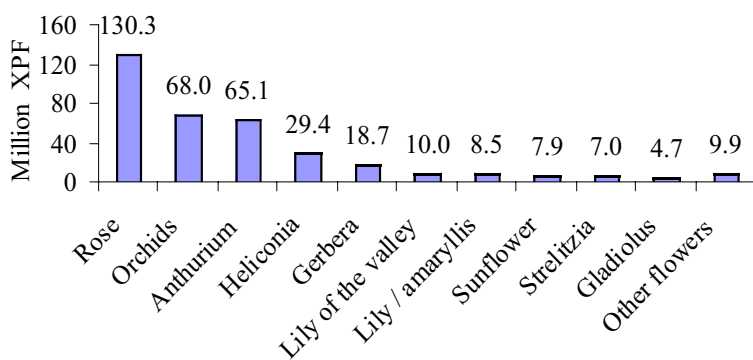
		Islands	North	South	New-Caledonia
Cut flowers and foliage	Number of farms	3	46	44	93
	Turnover (Million XPF)	0.1	7.3	368.1	375.4
Ornamental plants	Number of farms	5	122	134	261
	Turnover (Million XPF)	1.8	92.5	452.4	546.7
Total horticultural productions	Number of farms	5	124	146	275
	Turnover (Million XPF)	1.9	99.8	820.4	922.1

• A focused production :

- ¾ of the produce sold is grown in the South Province
- 16% of the workforce is located on 42 farms in Dumbéa and Païta and accounts for 62% of sales revenues.

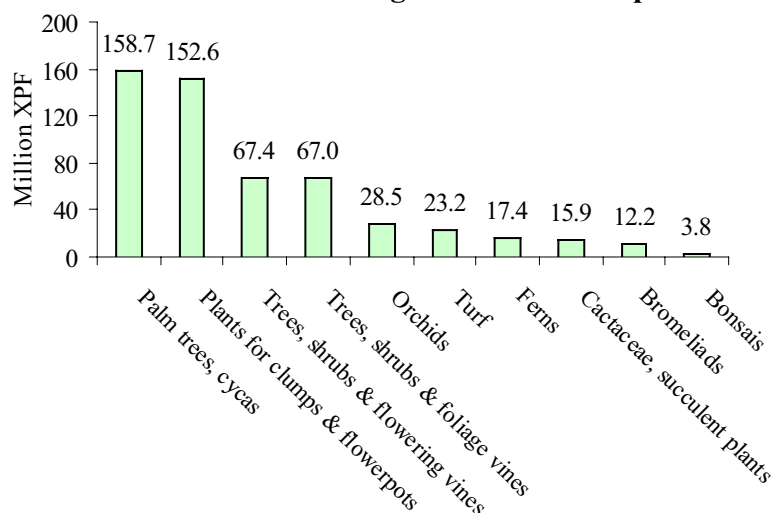
• **Roses, orchids and anthuriums :**
74% of the cut flowers' sales revenue

Production of leading sold cut flowers



• **Palms trees & cycas, plants for clumps & flowerpots :**
57% of the ornamental plants' sales revenue

Production of leading sold ornamental plants



• The labour : 632 personnel for 326 annual work units (AWU)

(number of men/women)	Full time	Half-time	Less than half-time	Total	Number of AWU
Islands Province		1	8	9	2.6
North Province	18	27	157	202	67.8
South Province	186	81	154	421	255.6
New-Caledonia	204	109	319	632	326

On top of this 632 men and women are 131 salaried employees of which 103 are working full-time.

The figures for 2006 shown in this memorandum are provisional (data available on 30th June 2007) and may be modified in future publications.

The publications of the Farming and Food Monitoring Unit are consultable on : <http://www.davar.gouv.nc>.