

Iyanola Apiculture Collective (IAC)

European Export
Residual Monitoring
Plan (RMP)

Forage
Development

Apitoxin

Api-tourism

David Deutsch & Richard Matthias
22/05/2019

Residual Monitoring Plan (RMP)

(European Honey Export)

- What is a Residual Monitoring Plan.
- Saint Lucia will pass the RMP.
- The rest of the world bee population is in decline, while in Saint Lucia we are actively working on increasing our bee population.

**Honey Testing
(PARM
Martinique)**

**Foreign Direct
Investment (FDI)**

PARM Results

parm **RAPPORT D'ESSAI PHYSICO-CHIMIE** **Praslin**

Le : 09/11/2018

Rapport d'essai n° : 18-PC-176

Deviz : LABOMPC/10/2018/020 : Analyses physico-chimiques sur du miel

Projet : CONSOBAT GENERAL DE SAINTS LUCIE

Cliant : 3 RUE DE LA LIBERATION

Demander : 97200 FORT DE FRANCE

Nature du l'échantillon	Miel A	Numéro d'échantillon	PARM18PC176
Individu de l'échantillon		Coder client	-
Date de réception	30/10/2018	Date de prélèvement	-
Température à réception	-	Date de fabrication	-
Nom du lot	-	Conditionnement	-
Température de stockage	Température ambiante	DLZ / DOM	-
Date de début des analyses	30/10/2018	Date de fin des analyses	07/11/2018

METHODE	PARAMETRE	Résultat (incertitude)	OBSERVATION
Méthode interne : LC/MS	Mitrocyline	< 2 µg/kg	
	Chlorhydrate de Mitrocyline	< 2 µg/kg	
	Carbamazépine	< 2 µg/kg	
	Clonidine	< 2 µg/kg	
	Mitrocyline	< 2 µg/kg	
	Desmethylmitrocyline	< 2 µg/kg	
Méthode interne : LC/MS	Mitrocyline	< 2 µg/kg	
	Desmethylmitrocyline	< 2 µg/kg	
	Mitrocyline	< 2 µg/kg	
	Mitrocyline	< 2 µg/kg	
Méthode interne : LC/MS	Mitrocyline	< 2 µg/kg	
	Desmethylmitrocyline	< 2 µg/kg	
	Mitrocyline	< 2 µg/kg	
	Mitrocyline	< 2 µg/kg	

N. THERIEZ-BAGUE
Responsable de Laboratoire

J. SOLER
Responsable PARM Analyse de la Qualité des Aliments

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Le PARM
Impression PARM-Miel - 07/2018
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Foreign Direct Investment (FDI)

- FDI is required for the island to expand the industry to its maximum potential.

Api-tourism

- What is Api-tourism?



**Tour
Development**

**Apiary
Locations**

Tours

The IAC has partnered with leading Ground Handler and Destination Management Company "Cox & Co." to develop two unique tours.

- The Vigie Peninsular Apiculture Tour.
- The 4 day Bee Safari.



Apiary Locations



Apitoxin

- What is apitoxin?
- Who uses apitoxin, and what are the applications?
- What are the price points.
- Are the bees harmed?



**Location of
production
apiaries.**

**Production
Aims**

Apiary Locations.



Production Aim

The organizations aim is to build clusters of existing apiaries to 300 colonies.

- Production for a hive / day 0.6g - 1g
- $300 \times 0.6\text{g} = 180\text{g}$ / week.
- $180\text{g} \times 4 \text{ weeks} = 720\text{g}$
- $720\text{g} \times 4 \text{ months} = 2880\text{g}$
- Crude Apitoxin: $2880 \times \text{USD } 30 = \text{USD } 86,400$.

Forage Development

- Due to climate change it is essential that we increase the volume of climate resilient perennials.
- Chayote (Christophene).
- Coconut.
- Sunflower.

**Chayote
(IICA)**

**Coconut
(CARDI)**

**Sunflower
(CARDI)**

Chayote Development



October 16, 2018



January 28th, 2019



February 24th, 2019

Coconut.



Honey Bee on coconut blossom

Sunflower



Honey Bee flying over a Sunflower

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