

# Latest Publications and Documents from MSIRI

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## Annual Reports

- 2008            96 p.: 8 tpls, 59 figs  
2009            90 p.: 9 tpls, 57 figs (Research & Development)

## Audio-visual materials

- Mauritius Sugar Industry Research Institute (Français/English and Bhojpuri/Créole). 2008. 2 DVDs (40 mins per language version). (DVD 1: English/French; DVD 2: Creole/Bhojpuri)
- PAPAtell: An interactive information system on potato (version 2008-1.1). 2008. (DVD)

## Conferences

### 2009

- SOOBADAR, A. Impacts agronomiques et environnementaux de l'épandage de vinasse et de cendre de charbon/bagasse sur les terres agricoles de l'île Maurice. 1<sup>st</sup> September 2009. Available at [http://www.msiri.mu/Userfiles/file/Talk\\_Vinasse\\_1\\_Sep\\_09.pdf](http://www.msiri.mu/Userfiles/file/Talk_Vinasse_1_Sep_09.pdf)

### 2010

- NG KEE KWONG, K. F. The 2010-2014 Research & Development programme of MSIRI to enhance sugar cane productivity in Mauritius. 23 February 2010. Available at <http://www.msiri.mu/index.php?langue=eng&rub=216>
- NG CHEONG, R. Irrigation water management in the north and west. 23<sup>rd</sup> November 2010. Available at [http://www.msiri.mu/Userfiles/file/Talk\\_Irrigation\\_Water\\_Management\\_22\\_Nov\\_2010.pdf](http://www.msiri.mu/Userfiles/file/Talk_Irrigation_Water_Management_22_Nov_2010.pdf)

### 2011

- TONTA, J. A. La rentabilité de la recherche sucrière: 1961-2015. 12 July 2011. Available at [http://www.msiri.mu/Userfiles/file/Talk\\_rentability\\_de\\_la\\_recherche\\_12\\_Jul\\_11%281%29.pdf](http://www.msiri.mu/Userfiles/file/Talk_rentability_de_la_recherche_12_Jul_11%281%29.pdf)

## Flore des Mascareignes : La Réunion, Maurice, Rodrigues

- Ptéridophytes: -  
1. Psilotacées 26. Marsiléacées

### Info Sheets

4. Preparation of pitaya jam. 2008. 1 p.  
5. Preparation of mini shoots and sliced pejobaye palm hearts in brine. 2008. 1 p.

### Library series

- JEAN-LOUIS, M.; NG KEE KWONG, R. (comps) (2009). *La pomme de terre à Maurice: une bibliographie de 1891 à 2009*. In: *MSIRI en Ligne* [Online]. Available at <http://msiri.mu.refer.org/sommaire.php?id=800>
- MAURITIUS SUGAR INDUSTRY RESEARCH INSTITUTE. (2010). MSIRI e-archives. Electronic library available at <http://earchives.mu.refer.org/>
- MAURITIUS SUGAR INDUSTRY RESEARCH INSTITUTE (2010). *MSIRI Staff publications database* (online). Available at <http://www.beep.ird.fr>
- MAURITIUS SUGAR INDUSTRY RESEARCH INSTITUTE; Royal Society of Arts and Sciences (RSAS); Agence Universitaire de la Francophonie (AUF) (2010). *Papiers Doyen: une collection de la Société Royale des Arts et des Sciences de l'Île Maurice* website. Available at <http://papiersdoyen.mu.refer.org/>

### Notes on Newly-Released Sugar Cane Varieties

14. M 1672/90 (M 134/75 x R 570): a high-yielding variety with medium sucrose and high fibre content, released in 2007 for the subhumid zone, suitable for middle/late-season harvest. 2007. 4 p.

## Occasional Documents

- Mauritius Sugar Industry Research Institute. 2009. 4 p. (Prepared for the Southern African Development Community (SADC) Science, Engineering and Technology Week, 22-25 October 2009, Swami Vivekananda International Centre, Pailles, Mauritius)
- MAURITIUS SUGAR INDUSTRY RESEARCH INSTITUTE (2009). Field Days for Small Planters. Pamplémousses Experiment Station, 17 June 2009. 12 p.
- MAURITIUS SUGAR INDUSTRY RESEARCH INSTITUTE (2009). Field Day South, Extension and Field Experimentation Centre, Union Park, Thursday 05 November 2009. 12 p.
- MAURITIUS SUGAR INDUSTRY RESEARCH INSTITUTE (2010). Recommendations for potato cultivation in Mauritius. Réduit: Mauritius Sugar Industry Research Institute. 18 p.
- MAURITIUS SUGAR INDUSTRY RESEARCH INSTITUTE (2010). Belle Isle. Réduit: Mauritius Sugar Industry Research Institute. 1 p.
- MAURITIUS SUGAR INDUSTRY RESEARCH INSTITUTE (2010). Les services offerts par le MSIRI. Réduit: Mauritius Sugar Industry Research Institute. 4 p.
- MAURITIUS SUGAR INDUSTRY RESEARCH INSTITUTE (2010). Celebrating 50 years of the Mauritius Herbarium (1960-2010). Réduit: Mauritius Sugar Industry Research Institute. 6 p.

## Occasional Monographs

- GOVINDEN, N (ed) (2008). Recettes traditionnelles et exotiques de la pomme de terre. Réduit: MSIRI. 23 p.

## Occasional Papers

39. RAMASAMY, S. & GOVINDEN, N. (comps) (2008). Suitability of sugar cane lands for potato and tomato: notes and maps 1: 150 000 scale. 2 maps. (Replaces Occasional Paper no. 37)

40. RAMASAMY, S. & GOVINDEN, N. (comps). Suitability of sugar cane lands for potato and tomato: notes and maps 1: 150 000 scale. 2008. 12 p.: 5 tbls, 2 maps (Replaces no. 37) (978-99903-24-24-2)
41. GANESHAN, S. The insects and mites of sugar cane and their natural enemies in Mauritius. Replaces no. 31 of October 1978

### **Occasional Reports**

35. Derocking and suitability for mechanization of small-/medium-planters' cane land. Prepared by S. Ramasamy and R. K. Soniah. 2008. 18 p.: 6 tbls, 2 figs, 6 appen. (incl. 2 maps. (Replaces Occasional Report no. 30, 2003.)
36. Small-scale sugar cane farmers in Mauritius and South Africa: Limiting factors and conditions in the adoption of improved technologies. Prepared by K. P. Pillay, C. Travailleux, S. Ramasamy and M. J. Eweg. Published in collaboration with South African Sugarcane Research Institute. 90 p.: 46 figs, 7 tbls. (Incl. CD-ROM; (FIRCOP Project -Contract no. FIRCOP/GC/003/06))

### **Recommendation Sheets**

165. Sugar cane varieties recommended for planting in different soil types. 2009. 1 p.: 1 tbl. (Cancels Recommendation Sheet no. 161, April 2008). [Available at http://msiri.mu.auf.org/document.php?id=992](http://msiri.mu.auf.org/document.php?id=992).
166. Recommended harvest periods of commercial sugar cane varieties. 2009. 1 p.: 1 tbl. (Cancels Recommendation Sheet no. 162, April 2008). Available at <http://msiri.mu.auf.org/document.php?id=993>
167. Sugar cane varieties recommended for planting in different soil types. 2010. 1 p.: 1 tbl. (Cancels Recommendation Sheet no. 165, March 2009) (Available at <http://www.msiri.mu/index.php?langue=eng&rub=202> )
168. Recommended harvest periods of commercial sugar cane varieties. 2010. 1 p.: 1 tbl. (Cancels Recommendation Sheet no. 166, March 2009) (Available at <http://www.msiri.mu/index.php?langue=eng&rub=203> )

- 169 Fertilization of plant and ratoon cane. 2010. 1 p.: 1 tbl. (Supplements Recommendation Sheet no. 163, April 2008) (Available at <http://www.msiri.mu/index.php?langue=eng&rub=204> )
- 170 Management of common scab of potato. Réduit, Mauritius Sugar Industry Research Institute. 2010. 1 p. (Available at <http://www.msiri.mu/index.php?langue=eng&rub=205> )
- 171 Occurrence and management of a new race of bacterial wilt of potato. 2010. 1 p. (Available at <http://www.msiri.mu/index.php?langue=eng&rub=206> )
- 172 Herbicide treatment for control of *Clidemia hirta* (Watook) in sugar cane. 2010. 1 p. (Available at <http://www.msiri.mu/index.php?langue=eng&rub=207>)
- 173 Sugar cane armyworms *Mythimna* spp. 2010. 1 p. (Cancels no. 147 of February 2005) (Available at <http://www.msiri.mu/index.php?langue=eng&rub=208> )
- 174 Pest control in pitaya. 2 p. (Available at <http://www.msiri.mu/index.php?langue=eng&rub=209>)
- 175 Pruning pitaya plants. 1 p. (Available at <http://www.msiri.mu/index.php?langue=eng&rub=210>)
- 176 Fungicide treatment for the control of pineapple sett rot of sugarcane. 2010. 1 p. (Replaces no. 9 of July 1981). (Available at <http://www.msiri.mu/index.php?langue=eng&rub=211>)
- 177 The practice of deficit irrigation. 2010. 1 p. (Replaces no. 9 of July 1981). (Available at [http://www.msiri.mu/Userfiles/file/Recommendation\\_Sheet/rec177.pdf](http://www.msiri.mu/Userfiles/file/Recommendation_Sheet/rec177.pdf))
- 178 Management of potato pests. 2011. 4 p. (Available at [http://www.msiri.mu/Userfiles/file/Recommendation\\_Sheet/rec178.pdf](http://www.msiri.mu/Userfiles/file/Recommendation_Sheet/rec178.pdf))
- 179 Sugar cane varieties recommended for planting in different soil types. 2011. 1 p. (Available at [http://www.msiri.mu/Userfiles/file/Recommendation\\_Sheet/rec179.pdf](http://www.msiri.mu/Userfiles/file/Recommendation_Sheet/rec179.pdf))
- 180 Recommended harvest periods of commercial sugar cane varieties. 2011. 1 p. 180(Available at [http://www.msiri.mu/Userfiles/file/Recommendation\\_Sheet/rec180.pdf](http://www.msiri.mu/Userfiles/file/Recommendation_Sheet/rec180.pdf))

## Research Programmes

- Research and Development Programme 2010-2014. 2009. 51 p.

## Research Reports

17. MAURITIUS SUGAR INDUSTRY RESEARCH INSTITUTE (2008).  
*Performance of promising sugar cane varieties 2007*. Réduit: Mauritius Sugar Industry Research Institute. 111 p.: 83 tpls
18. MAURITIUS SUGAR INDUSTRY RESEARCH INSTITUTE (2010).  
*Performance of promising sugar cane varieties 2009*. Réduit: Mauritius Sugar Industry Research Institute. 126 p.: 84 tpls.