



# JOSÉ MAURÍCIO DOS SANTOS NETO

*Department of Animal Science*  
Michigan State University

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## **PERSONAL STATEMENT**

I am an Assistant Professor in the Department of Animal Science at Michigan State University, with a strong background in dairy cattle production and nutrition, lipid metabolism, data processing and analytics, statistical analysis for experimental research, nutrition models, meta-analysis, and nutrigenetics. My current work focuses on using large data analysis to understand the mechanisms underlying the dietary effects on nutrient digestibility, post-absorptive metabolism, energy partitioning, and production responses in dairy cows.

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## **DEGREES**

- 2009 – 2013. **B.Sc. Animal Science**, Federal University of Paraíba (UFPB), Brazil.
- 2014 – 2016. **M.Sc. Animal Science (Field: Nutritional Requirements)**, São Paulo State University (UNESP-Jaboticabal).
- 2016 – 2020. **Ph.D. Animal Science and Pastures (Field: Dairy Cattle Nutrition)**, University of São Paulo (USP-ESALQ), Brazil.
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## **AWARDS**

- 2023 – **Editor’s choice 2023** (<https://www.journalofdairyscience.org/content/edchoice>) “Editor's Choice features articles selected by the Editor-In-Chief as especially notable regarding their contribution to dairy science specifically in the areas of dairy foods and dairy production (physiology, management, nutrition, and genetics).” **Journal of Dairy Science**. 106:4306–4323. <https://doi.org/10.3168/jds.2022-22402>.
- 2013 – **Outstanding Undergraduate Student**. Acknowledged for achieving the highest rank in academic performance, assessed through grades and curriculum, among all those

who graduated in the 2013.1 academic term (First Semester) from the College of Agrarian Sciences, which encompassed Agronomic Engineering, Animal Science, Biology, and Veterinary Science majors. Awarded by the Federal University of Paraíba, Brazil.

- 2013 – **Best Student from the Animal Science Department** (Highest Grades). Awarded by the Federal University of Paraíba, Brazil.
- 2013 – **Merit Award**. Acknowledged by the academic performance. Awarded by the Veterinary and Animal Science Regional Council, Brazil.
- 2011 – **Young Researcher**. Acknowledged due to the high-quality scientific presentation. Awarded by the National Council of Technological and Scientific Development, Brazil (CNPq).

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## **PUBLICATIONS**

[Google Scholar](#)

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## **PRESS RELEASE**

Two meta-analyses by Dr. José M. dos Santos Neto in Dr. Lock's group at Michigan State University were used to model the return on investment (ROI) when feeding fat supplements to dairy cows:

- dos Santos Neto et al., 2021a [<https://doi.org/10.3168/jds.2021-20699>]
- dos Santos Neto et al., 2021b [<https://doi.org/10.3168/jds.2020-19936>]

UK manufacturing and liquid milk contracts see a +40 percent ROI when feeding rumen-protected fats:

<https://www.megalac.com/press-releases/uk-manufacturing-and-liquid-milk-contracts-see-40-percent-roi>  
[https://www.thescottishfarmer.co.uk/business\\_sales/20240077.dairy-farmers-cannot-afford-not-feed-protected-facts-ration---volac-wilmar-trials-shows-40-roi/](https://www.thescottishfarmer.co.uk/business_sales/20240077.dairy-farmers-cannot-afford-not-feed-protected-facts-ration---volac-wilmar-trials-shows-40-roi/)