

INTERNATIONAL SYMPOSIUM ON
WORK IN
AGRICULTURE



COMPLEX REALITIES AND TRANSFORMATION IN WORK IN A DIVERSITY OF FARMING MODELS

DATE
8 – 11
NOVEMBER
2016

**[MARINGÁ
PARANÁ
BRAZIL]**

INTRODUCTION

According to the World Bank, agriculture is the largest employer in the world: it concerned 30% of the working population in 2010. Although in relative reduction (38% in 2000), the number of farm workers is increasing because of population growth and now exceeds a billion people.

Relations between capital and labor; family and paid workers; and, more widely, forms of work organization (taylorism, delegation, mutual aid and co-operation) are crystalized around standard models of "farming systems", combining a variety of productive ambitions, degrees of mechanization/automation and forms of labor organization:

These models only represent the extremes, as the majority of farms borrow more or less from one or other of them, but they help thoughts about diversity.

Transformations of farming systems are marked by increasingly important challenges regarding the environment and food safety, and by the dynamics of sectors subjected to requirements of quality and competitiveness. How do these transformations bring farming work into question? But farming work has also kept a very strong social and territorial dimension: it gives a place and a status to everyone; it nurtures, safeguards and stabilizes a rural population, and strengthens solidarities largely founded on a local cultural relationship with nature and the "ménage des champs et des animaux" (agriculture and livestock management) an expression borrowed from one of the founders of agronomy, the Frenchman Olivier de Serres (1539 – 1619). The economic, social and environmental functions of farming work coexist.

In rural territories, they may sometimes be complementary, but they can also be quite strained.

This symposium aims to gather and consolidate a wide community of researchers, academics and advisors dedicated to studying the various facets of what constitutes “work in agriculture”.

Welcome to the International Symposium on Work in Agriculture!

Dr Julio Damasceno

(UEM, Brasil, President of the Organizing Committee)

Dr Benoît Dedieu

(INRA, France, President of Scientific Committee)

SWA COMMITTEE

Julio Cesar Damasceno (UEM, Brazil)

Benoît Dedieu (INRA, France)

Nanci Aparecida Meneguetti Garcia (Unitrabalho / UEM, Brazil)

Vicente Chiaramonte Pires (Unitrabalho / UEM, Brazil)

Marino E. Gonçalves (UEM, Brazil)

Sandra Mara Schiavi Bánkuti (UEM, Brazil)

Isabelle Baltenweck (ILRI, Kenya)

Astou Diao Camara (ISRA, Senegal)

Joel Carneiro dos Santos Filho (EMATER, Brazil)

Nathalie Hostiou (INRA, France)

Guillermo Neiman (CONICET, Argentina)

Gabriela Parodi (CONICET, Argentina)

Gérard Servière (Institut de l'Élevage, France)

Mohamed Taher Sraïri (IAV, Morocco)

Jean-François Tourrand (CIRAD, France)

Abdrahmane Wane (Cirad/ILRI, Kenya)

Sylvie Zasser (INRA, France)

PROGRAM

Tuesday 8 November 2016

Morning – Location: PDE Auditorium (Building B33 – UEM)

07h00 – 08h00: Credentials

08h00 – 09h30: Welcome Ceremony (cultural presentation)

Introduction

J. C. Damasceno (UEM, Brazil) ; Authorities

09h30 – 10h00: COFFEE BREAK

10h00 – 12h00: Scetting the scene : complex realities of work in agriculture throughout the world

– Work in agriculture : various facets of a changing reality

Benoît Dedieu (INRA, France)

– Work in Agriculture : FAO overview of questions

Sergio Faiguenbaum (FAO – RLC, Chile)

Afternoon – Location: PDE Auditorium (Building B33 – UEM)

14h00 – 16h00: To work in a diversity of dairy farm models throughout the world: questions and prospects

Coord. Nathalie Hostiou (INRA, France) & Astou Diao Camara (ISRA, Senegal), hosted by Abdrahmane Wane (Cirad / Ilri, Kenya)

With the participation of:

– Ruth Nettle (University of Melbourne – Australia)

– Carlos E. C. O. Ramos (Federal University of Recôncavo Bahia – Brazil)

– Priscila Malanski (Inra – France)

The objective is to discuss the issues and challenges of working in different productive models in dairy farming worldwide.

16h00 – 16h30: COFFEE BREAK

16h30 – 18h30: Workshop sessions – oral communications (see below)

Evening – Location : UEM Theater – building 008

19h00 – 20h30: Cultural evening

Wednesday 9 November 2016

Morning – Location: PDE Auditorium (Building B33 – UEM)

08h00 – 09h50: Workshop sessions – oral communications (see below)

09h50 – 10h20: COFFEE BREAK

10h20 – 12h10: Workshop sessions – oral communications (see below)

Afternoon – Location: PDE Auditorium (Building B33 – UEM)

13h30 – 16h00: Work in agriculture in Latin America: socio-economic realities and prospects

Coord. Dimas Soares Jr (IAPAR, Brazil)

With the participation of:

- Guillermo Neiman (CEIL – CONICET, Argentina)
- Marcos Junior Brambilla (FETAEP, Paraná, Brazil)
- Jacques Pellenz (Land reform settlement Cooperative COPAVI, Brazil)
- Daniel Pereyra Collazo (Asociación de Façoneros de pollos Unidos / Cooperativa CONAFPU, Uruguay)
- Fábio Alcure (MPT – Ministério Público do Trabalho, Brazil)
- Álvaro Meneguetti (USAÇUCAR – Usina Santa Terezinha, Paraná, Brazil)

The objective is to discuss work in Latin American agriculture, considering the region's social and economic particularities, its heterogeneity and future perspectives.

16h00 – 16h30: COFFEE BREAK

16h30 – 18h00: Workshop sessions – posters (see below)

Evening – Location: Willie Davids Regional Stadium (Parking lot)
18H30 – 19H30: Visit to “Feira do Produtor” (Farmers’ Market) (limited places)

Thursday 10 November 2016

Morning – Location: PDE Auditorium (Building B33 – UEM)
08h00 – 10h00: The future of work in agriculture: round table
Coord. G. Neiman (CEIL – CONICET, Argentina) & B. Dedieu (INRA, France)
With the participation of:

- Pierre François Vaquié (National Federation of machinery and labor cooperatives) (FNCUMA, Paris France)
- Roberto Bisang (Instituto Interdisciplinario de Economía Política – UBA/ CONICET – CIDET, Buenos Aires, Argentina)
- Antonio Marcio Buaianain (IE– Unicamp, Campinas, Brazil)

The objective is to propose visions of what could be the future of work in agriculture, considering economical, social, local and global trends that pressure agriculture and farming, recently and for the future
10h00 – 10h30: COFFEE BREAK
10h30 – 12h30: Workshops conclusions and prospects
Grand Témoin: Marianne Cerf, ergonomist (INRA, France)

Afternoon – Location: PDE Auditorium (Building B33 – UEM)
14h30 – 17h00: Scientific Committee meeting

Friday 11 November 2016

07h00 – 17h30: Day trip (limited places)
Option 1: COPAVI (Land Reform Settlement Cooperative) + USAÇUCAR (sugar cane processing plant)
Option 2: COPAVI (Land reform Settlement Cooperative) + Family-based dairy farm

WORKSHOP SESSIONS

Oral communications

Tuesday – November 08 (16h30 – 18h20)

Session 01 – Evolution of Farming Labor (WS 1, 3, 5)

PDE – Building B33 UEM – Room 101

16h30 – 16h40: Introduction (Marino E. Gonçalves / J. F. Tourrand)

16h40 – 17h00: Family farming development and support of Unitrabalho/UEM: a case study of cooperativismo in Poema/Nova Tebas – Paraná (Brazil)
Maria Nezilda Culti, Nanci Aparecida Meneguetti Garcia, Beatriz Negrelli da Silva, Maria Clara Corrêa Tenório, Gheysa Julio Pinto, Gabriela Silva de Jesus, José Marcos de Andrade (Brazil)

17h00 – 17h20: Value perspectives of producers and consumers regarding the sustainability of the dairy chain in Southern Brazil

Mábio Silvan José Da Silva, Livia Galiano Mangilli, Andreia De Paula Vieira, Raymond Anthony, José Antonio Fregonesi (Brazil)

17h20 – 17h40: Coping strategies with food insecurity in two Egyptian villages

Solyman Ashraf (Egypt), Hisano Shuji (Japan)

17h40 – 18h00: Land reform and solidarity economy: Copavi case in Paranaity, Parana, Brazil

Nanci Aparecida Meneguetti Garcia, Maria Nezilda Culti, Beatriz Negrelli da Silva, Maria Clara Corrêa Tenório, Vicente Chiaramonte Pires, Terezinha Scarabel, Diogo Henrique Mazetto (Brazil)

18h00 – 18h20: Institutional incentives and new forms of accessory work on family farms

Olena V. Kovtun (Brazil)

Tuesday – November 08 (16h30 – 18h20)

Session 02 – Dynamics of Working in Farming, in territories in a situation of global change (WS 2)

PDE – Building B33 UEM – Room 102

16h30 – 16h40: Introduction (Guillermo Neiman / A. Wane)

16h40 – 17h00: Temporary workers in globalized agriculture. A case study in the province of Tucumán, Argentina
Neiman Guillermo (Argentina)

17h00 – 17h20: Demography and development paths: what impact on family agriculture sustainability and rural development in Latin America?
Requier-Desjardins Denis (France)

17h20 – 17h40: Characteristics and trends of wage labor in tree monocultures in Latin America
Múcio Tosta Gonçalves (Brazil)

17h40 – 18h00: Employment contracts and performance of agroforestry systems with cocoa in the Mbam and Kim area (Cameroon–Centre)
André Nso Ngang, Cyrille Bergaly Kamdem, Philippe Pedelahore, Christian Bernard Kaldjob Mbeh, Joséphine Mireille Akoa Etoa (Kenya)

18h00 – 18h20: The ‘blind spot’ of agricultural research: the composition and availability of labour, and the ‘new worker profile’ of farm workers in the South West of England
Caroline Nye (United Kingdom)

Tuesday – November 08 (16h30 – 18h20)

Session 03 – Transformations in work organizations in farms (WS 4)

PDE – Building B33 UEM – Room 103

16h30 – 16h40: Introduction (B. Dedieu / J. C. Damasceno)

16h40 – 17h00: Changes in work and its organization: the example of livestock farming
Dedieu Benoît, Servièrre Gérard (France)

17h00 – 17h20: Coping with the agronomic constraints in crop/livestock systems through the management of work within the farms: a case study from two regions in Morocco

Mohamed Taher Sraïri, Youssra Ghabiyel, Sanae Bahri (Morocco)

17h20 – 17h40: Transformations in farm work organization in Australia: the influence of climate variability, technology and farmers workforce strategies

Ruth Nettle, Geoff Kuehne, Kate Lee, Dan Armstrong (Australia)

17h40 – 18h00: What evolutions for wage earners' work in farms after hiring? A case study in dairy farms in Auvergne, France

Priscila Duarte Malanski, Nathalie Hostiou, Stéphane Ingrand (France)

18h00 – 18h20: Persistence and renewal of cooperation in farm work in French agriculture

Véronique Lucas, Pierre Gasselin (France)

Tuesday – November 08 (16h30 – 18h20)

Session 04 – Professional identities, advice and training about the work (WS 6, 7)

PDE – Building B33 UEM – Room 108

16h30 – 16h40: Introduction (Astou Diao / G. Servièrè)

16h40 – 17h00: Social representation of work from the perspective of cane cutting workers

Luana Furtado Vilas Boas, Elisa Yoshie Ichikawa (Brazil)

17h00 – 17h20: Tragedy of Commons Versus Labor in Livestock Farming in the NWCZ, Egypt

Ibrahim Daoud, M. A. Osman, V. Alary, J. F. Tourrand (Egypt)

17h20 – 17h40: Household Budget, Livelihoods and Rural Work in the Qilian Mountains Tibetan Plateau, China

Doryane Brasquies , Xiao Jing Qi , Luming Ding , Yu Li, Tingting Yang, Gaelle Bossuette, Ruijun Long, Philippe Lescoat , Jean-François Tourrand (China/ France)

17h40 – 18h00: Family farming in Senegal: the situation of unpaid rural young workers

Mariama Kesso Sow, Idrissa Wade (Senegal)

18h00 – 18h20: Individual and collective advice to livestock farmers. A focus on advice about working conditions

Dockès Anne-Charlotte, Correa Pastora, Florence Kling Eveillard (Uruguay)

Wednesday – November 09 (8h00 – 9h50)

Session 05 – Innovations (technological, social, market) and farming work (WS 8)

PDE – Building B33 UEM – Room 101

08h00 – 08h10: Introduction (Nathalie Hostiou / Gabriela Parodi)

08h10 – 08h30: The impact of Precision Livestock Farming on work, skills and human-animal interactions

Nathalie Hostiou, Jocelyn Fagon, Sophie Chauvat, Amélie Turlot, Florence Kling-Eveillard, Xavier Bovin, Clément Allain (France)

08h30 – 08h50: Analysing the impact of use of mobile phones in enhancing demand and access to market information and services for pastoralist communities: Preliminary Insights from Isiolo County, Kenya

Khalai, Duncan Collins, Dr. Banerjee Rupsha, Dr. Andrew Mude (Kenya)

08h50 – 09h10: Impact of scientific and technological innovation in the Brazilian agribusiness sector

Fernanda Yamauchi, Marta Pagán Martínez (Brazil)

09h10 – 09h30: Management and work in crop-livestock-trees integration system in Roraima, Brazilian Amazonia

Amaury Bendahan, René Pocard-Chapuis, Roberto Medeiros, Newton Costa, Ramayana Braga, Jean-François Tourrand (Brazil / France)

09h30 – 09h50: Farm machinery cooperatives: a new arena for agroecological innovation?

Véronique Lucas, Pierre Gasselín (France)

Wednesday – November 09 (8h00 – 9h00)

Session 06 – Evolution of Farming Labor (WS 1, 3, 5)

PDE – Building B33 UEM – Room 102

08h00 – 08h20: Health in rural environment: an evaluation of postural workers in milking

Claudilaine Caldas de Oliveira, Antônio Augusto de Paula Xavier, Leandra Ulbricht, Antônio Renato Pereira Moro, Marjorie Maria Belinelli (Brazil)

08h20 – 08h40: Implementation of integrated instrumentation in the evaluation of occupational hazards in shellfish farming

Giselle Mari Speck, Cristhiane Guertler, Rosimeri Franck Pichler, Walter Quadros Seiffert, Giselle Schmidt Alves Díaz Merino, Eugenio Andrés Díaz Merino (Brazil)

08h40 – 09h00: Female Labour in rural settlements in the northwest of Parana state–Brazil: Case studies supported by UNITRABALHO/UEM

Nanci Aparecida Meneguetti Garcia, Marivânia Conceição de Araújo, Mônica Regina da Silva Scapi, Grasielle Scaramal Madrona, Maria das Graças Ramos Damaceno, Aline Raquel de Oliveira, Beatriz Negrelli da Silva, Gabriela Silva de Jesus, Diogo Henrique Mazetto (Brazil)

Wednesday – November 09 (8h00 – 9h50)

Session 07 – Professional identities, advice and training about the work (WS 6, 7)

PDE – Building B33 UEM – Room 103

08h00 – 08h20: Do work simulation tools help farmers to change crop practices?

Elisa Petit, Alexandre Joannon, Jean–Marc Meynard (France)

08h20 – 08h40: Research and development organizations get organized to consider the work component of livestock farming in Wallonia

Amélie Turlot, Madeleine Jélu, Florence Kling–Eveillard, Sophie Chauvat, José Wavreille (Belgium)

08h40 – 09h00: Taking into account the meaning, the organization and the productivity of work, to better advise farmers

Sophie Chauvat, Gérard Servièrre, Sylvie Cournut (France)

09h00 – 09h20: Building the capacity of advisers to support farmers in their people management and workforce decisions: findings from an Australian dairy industry program

Ruth Nettle, A. Crawford, P. Brightling (Australia)

09h20 – 09h50: Conclusion / synthesis (Astou Diao / G. Servièrre)

Wednesday – November 09 (8h00 – 9h40)

Session 08 – Transformations in work organizations in farms (WS 4)

PDE – Building B33 UEM – Room 108

08h00 – 08h20: Family work in oil palm cultivation in Santa Maria, Tomé-Açu/Pará

Márcia Coutinho Caetano, Dalva Maria da Mota (Brazil)

08h20 – 08h40: What are the differences in quality of work between vegetable growers in agroecological and in conventional systems?

Antoinette M. Dumont, Philippe V. Baret (Belgium)

08h40 – 09h00: Family labour and land use in the Pará rural space

Dalva Maria da Mota, Ketiane dos Santos Alves (Brazil)

09h00 – 09h20: Family farming work organization of agro-extractivist communities in the region of Mambai, Goiás State, Brazil

Stéphane Guéneau, Janaina Deane de Abreu Sá Diniz, Sabina Dessartre Mendonça, Igor Amaury Aveline, Eric Sabourin (Brazil)

09h20 – 09h40: Labor conditions and family succession in dairy productions systems in Paraná State, Brazil

Ferenc Istvan Bánkuti, Júlio César Damasceno, Sandra Mara Schiavi Bánkuti, Kellen Cristina Kuwaraha, Rodrigo César Prizon (Brazil)

Wednesday November 09 (10h20 – 12h10)

Innovations (technological, social, market) and farming work (WS 8)

PDE – Building B33 UEM – Room 101

10h20 – 10h40: Supporting farmers' management of change towards agro-ecological practices by focusing on the work dimension: the contribution of ergonomics

Marie Chizallet, Flore Barcellini, Lorène Prost, Marianne Cerf (France)

10h40 – 11h00: Agroecological transition: the work of farmers, advisers, teachers and researchers in question

Xavier Coquil, Marianne Cerf, Caroline Auricoste, Alexandre Joannon, Flore Barcellini, Patrick Cayre, Marie Chizallet, Benoît Dedieu, Nathalie Hostiou, Florence Hellec, Jean-Marie Lusson, Paul Olry, Bernard Omon, Lorène Prost (France)

11h00 – 11h20: Agroecological transition and reconfiguration of horticultural work among family farmers in Buenos Aires, Argentina

Gabriela Parodi (Argentina)

11h20 – 11h40: Improved plant genetic biodiversity through the organization and promotion of agricultural shows and seed fairs.

Aimé Kazika Kamosi (Congo)

11h40 – 12h10: Conclusion / synthesis (Nathalie Hostiou / Gabriela Parodi)

Wednesday November 09 (10h20 – 12h10)

Session 10 – Transformations in work organizations in farms (WS 4)

PDE – Building B33 UEM – Room 102

10h20 – 10h40: Work organization in livestock farms: experiences from the use of the work assessment method

Sylvie Cournut, Sophie Chauvat, Gérard Servièrre, Nathalie Hostiou, Pham D.K, Rudec, Santos Filho, J. C. D. AmélieTurlot, Francisco Diéguez, Correa Pastora, Mohammed Taher Sraïri, Benoît Dedieu (France)

10h40 – 11h00: Work and productive aspects due to smallholders' family characteristics by a MFA approach

Carlos Eduardo Crispim de Oliveira Ramos, Iremar Neves dos Santos, Sheila Assunção Matos, Renata Gama da Silva (Brazil)

11h00 – 12h10: Synthesis / prospects (B. Dedieu / J. C. Damasceno)

Wednesday November 09 (10h20 – 12h10)

Session 11 – Dynamics of Working in Farming, in territories in a situation of global change (WS2)

PDE – Building B33 UEM – Room 103

10h20 – 10h40: Rural employment in Brazil: Farm work declined between 2001 and 2009

Laurenti, Antonio Carlos, Telles, Tiago Santos, Ganade, Guilherme Marcondes (Brazil)

10h40 – 11h00: Youth engagement in agriculture – challenges and opportunities

Ibrahima Hathie, Idrissa Wade, Madické Niang (Senegal)

11h00 – 11h20: Changes and continuities in farming work. The case of small and medium grape producers in Mendoza, Argentina

Mg. María Brignardello (Argentina)

11h20 – 11h40: Securing Sahelian pastoral activities through the use of remunerated labor: ambivalence of monetization

Abdrahmane Wane, Ibra Touré, Nelly Njiru, Aliou Diouf Mballo (Kenya)

11h40 – 12h10: Conclusion / synthesis (Guillermo Neiman / A. Wane)

Wednesday November 09 (10h20 – 11h50)

Session 12 – Evolution of Farming Labor (WS 1, 3, 5)

PDE – Building B33 UEM – Room 108

10h20 – 10h40: Rural women's work in conventional agriculture and agribusiness firms in Egypt: a comparative study

Ashraf Abdellahi Mahmoud Solyman (Egypt)

10h40 – 11h00: Ergonomic analysis of work in poultry

Giselle Mari Speck, Cristhiane Guertler, Mariana Izabel Schvambach, Raphaela Elizabeth Woodroffe, Tuyane Virissimo, Luana Gisele Amadio Damasceno, Walter Quadros Seiffert, Giselle Schmidt Alves Díaz Merino, Eugenio Andrés Díaz Merino (Brazil)

11h00 – 11h20: Gender analysis of cassava processors' knowledge level of precautionary measures on hazards associated with cassava processing in Ekiti State, Nigeria

Sunday Idowu Ogunjimi (Nigeria)

11h20 – 11h50: Conclusion / synthesis (Marino E. Gonçalves / J. F. Tourrand)

POSTERS

SINGLE SESSION (ALL POSTERS)

Wednesday November 09 (16:30 – 18:00)

Workshop 1, 3 and 5 – Evolution of Farming Labor

The contribution of urban and peri urbane agriculture for workers' income generation

Edinaldo Michelin, Ligia Greatti, Vicente Chiaramonte Pires (Brazil)

Beyond the sugarcane fields: illness and subjectivity of workers
Tainá Reis (Brazil)

Workshop 2 – Dynamics of work in farming, in territories in a situation of global change

Analysis of the effects of the oil industry on family farm labor in rural areas in the municipality of Puerto Gaitan, Meta in Colombia

Jairo Hernán González Aguiler (Colombia)

Labor market participation and internal migration: the reality behind the choice of Senegalese rural households

Ya Cor Ndione (Senegal)

Rural youth mobility: COAPROCOR case study

João Pedro Mariano dos Santos, Edinaldo Michellon (Brazil)

Workshop 4 – Transformations in work organization in farms

How are farmers' strategies-to-last and difficulties related in livestock farming systems? A survey in Auvergne (France)

Cyrille Rigolot, Jean-Yves Pailleux, Sylvie Cournut, Nathalie Hostiou (France)

Senegalese rural households multiple livelihood strategy: a potential solution for rural employment issues

Ya Cor Ndione (Senegal)

Workshop 6 and 7 –Professional identities, advice and training about the work

Determining factors for technological incorporation in dairy production systems

Anselmo Bodenmüller Filho, Julio Cesar Damasceno, Carlos Eduardo Crispim de Oliveira Ramos (Brazil)

Workshop 8 – Innovations (technological, social, market) and farming work

Land reform settlements and family farming in Northwestern Paraná – Brazil: the role of UNITRABALHO/UEM

Beatriz Negrelli Silva, Arthur de Canini Cezar, Taiana Loan de Lima Campos, Bruno Bazotte Favero, Nanci Aparecida Meneguetti Garcia, Luciane Kawashima Hisano (Brazil)

Management of forage area: indicative for maneuver margin and flexibility in dairy production systems

Anselmo Bodenmüller Filho, Julio Cesar Damasceno, Ferenc Istvan Bánkuti, Carlos Eduardo de Oliveira Crispim Ramos (Brazil)

Artificial tasting: computational sensory analysis for wine classification applying logistic regression with bootstrap

Gabriel Ferreira Neves, Rodrigo Clemente Thom de Souza, Érika de Castro Vasques (Brazil)

Sustainability in grassland

Max Rickli (Brazil)

Applying Computer Vision and Machine Learning for Detection of Brown Stink Bugs in Soybean Crops

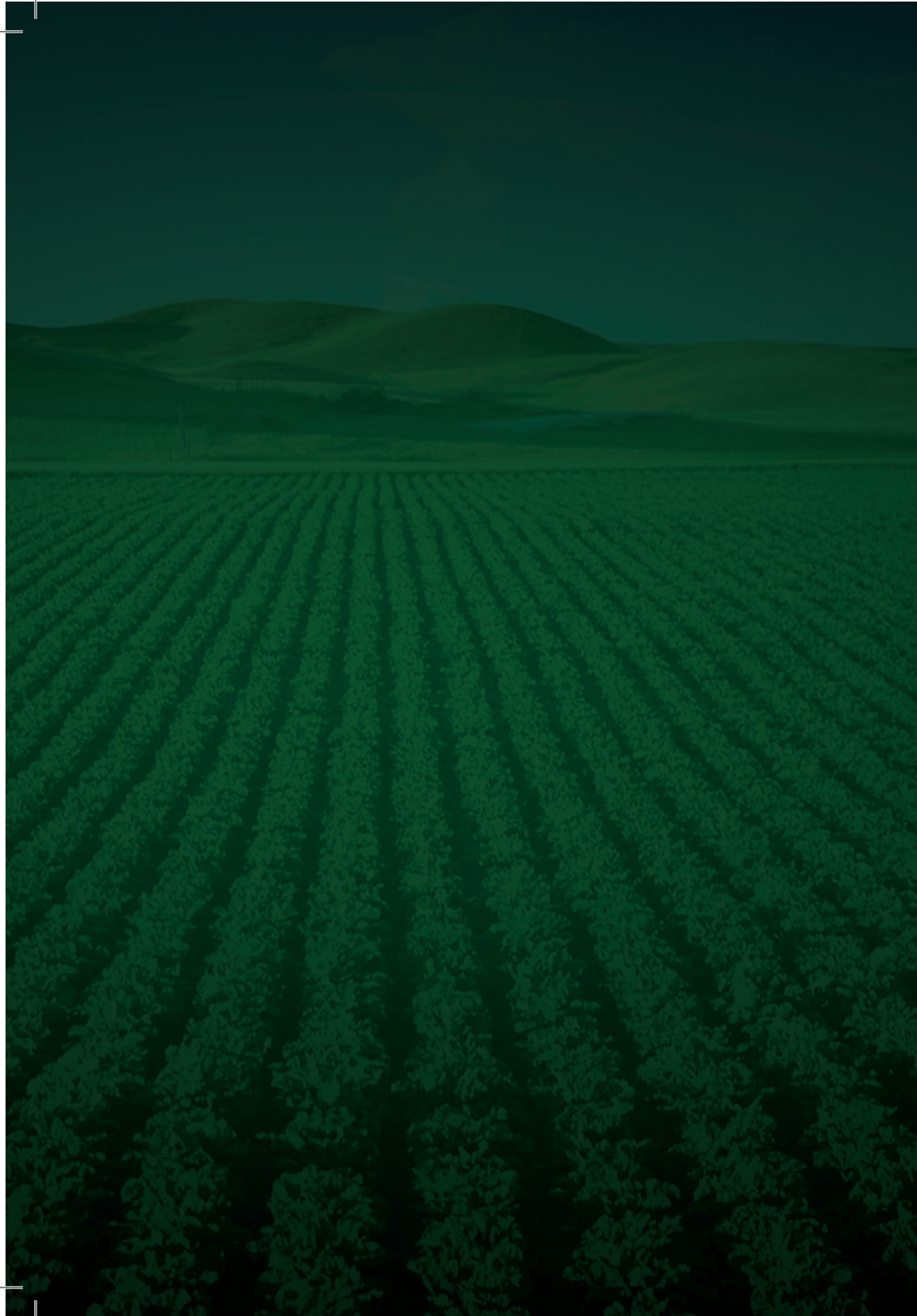
Cleverson Dias Nunes, Rodrigo Clemente Thom de Souza (Brazil)

Tillage in native field: a proposal for the family farm in Paraíba valley

Carmen Silva, Nathália Nascimento (Brazil)

Increasing income in the agricultural sector: an empirical analysis about the determinants of productivity.

Luan Vinicius Bernardelli, Eliane Cristina de Araujo (Brazil)





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