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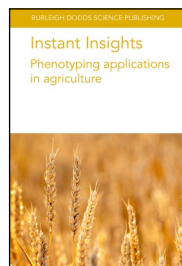
Researchers, students, farmers, producers and industry professionals can enhance their knowledge and feel empowered to contribute to achieving more sustainable agricultural production.

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PHYSIOLOGY & BREEDING



Phenotyping applications in agriculture

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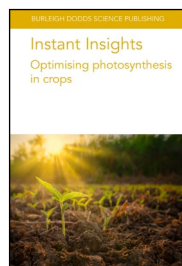
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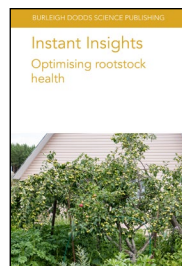
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PHYSIOLOGY & BREEDING



Genetic modification of crops

Contents

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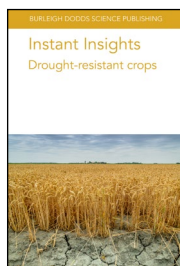
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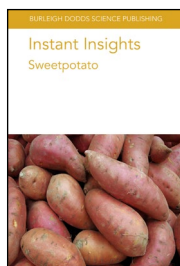
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Sweetpotato

Contents

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SOIL & WATER MANAGEMENT



Organic soil amendments

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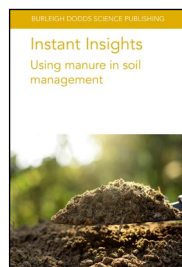
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Pub. Date: September 2024

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Using manure in soil management

NEW

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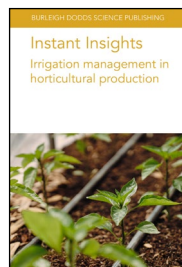
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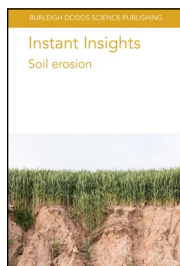
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SOIL & WATER MANAGEMENT



Soil erosion

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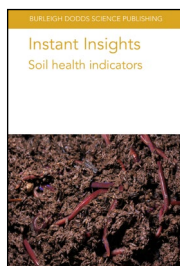
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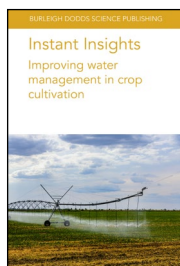
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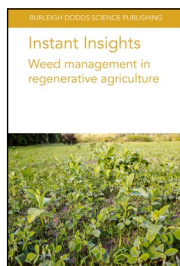
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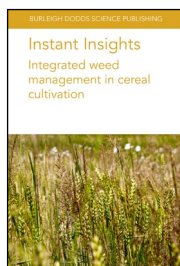
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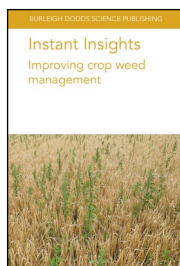
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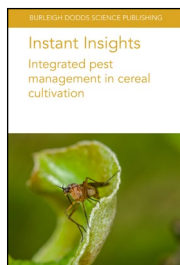
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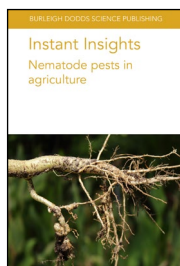
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Nematode pests in agriculture

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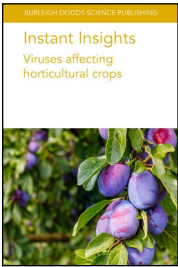
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DISEASE MANAGEMENT



Viruses affecting horticultural crops

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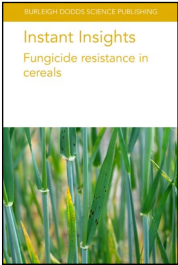
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Fungicide resistance in cereals

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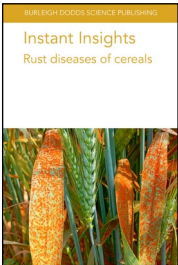
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Series No: 52



Fungal diseases of apples

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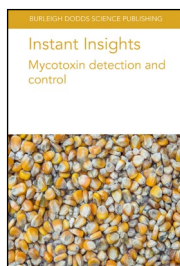
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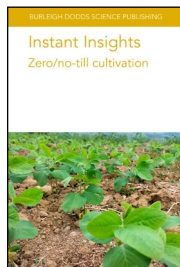
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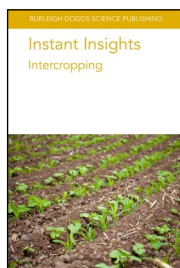
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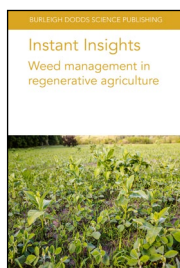
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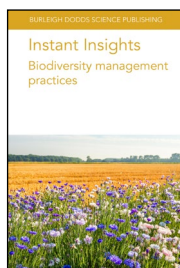
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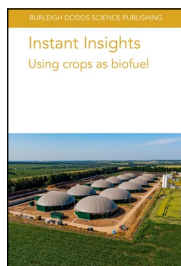
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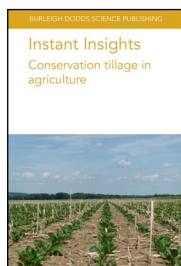
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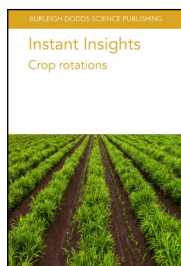
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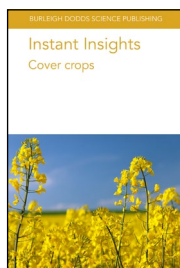
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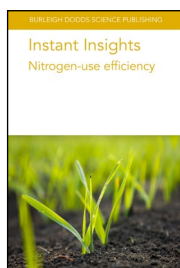
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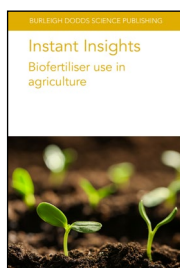
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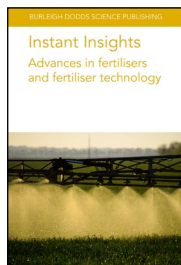
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CROP NUTRITION



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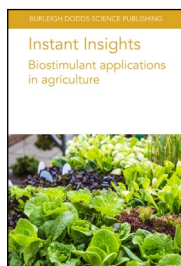
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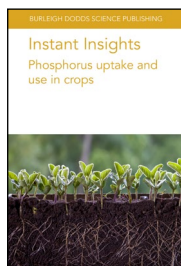
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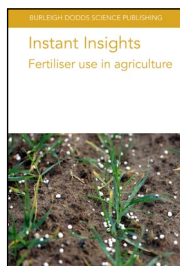
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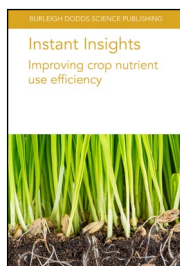
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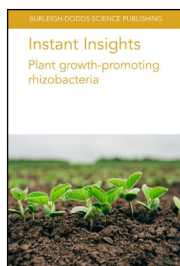
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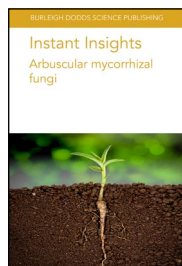
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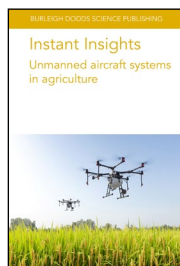
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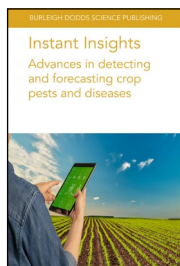
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TECHNOLOGY & DATA



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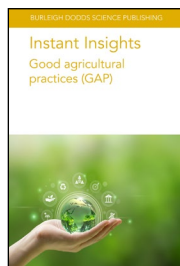
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CROP PRODUCTION



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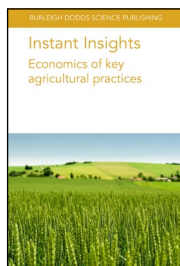
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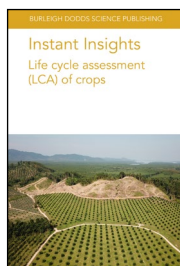
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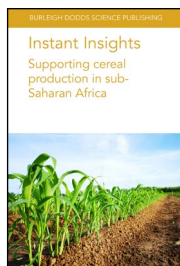
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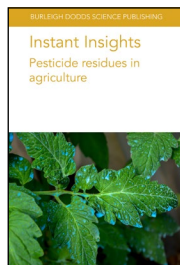
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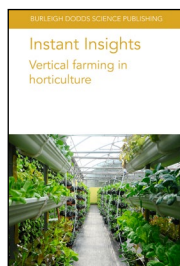
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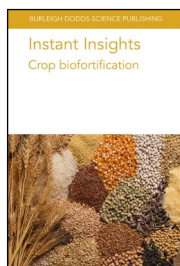
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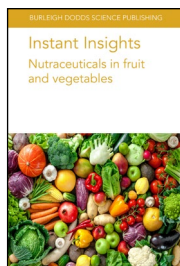
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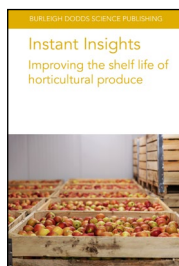
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Improving the shelf life of horticultural produce

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1. Smart distribution to maintain shelf life of horticultural produce: *J. K. Brecht, University of Florida, USA*; 2. Pre- and post-harvest strategies to optimize fruit quality and shelf life: *Peter Toivonen, Pacific Agriculture and Agri-Food Canada, Canada*; 3. Post-harvest storage management of mango fruit: *Noam Alkan, Agricultural Research Organization (ARO), Volcani Center, Israel*; 4. Understanding and improving the shelf life of tomatoes: *K. Wang, Purdue University, USA*

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Fruit losses and waste

Contents

1. Losses and waste in fruits and vegetables: *Elhadi M. Yahia, Universidad Autónoma de Querétaro, Mexico*; 2. Pre- and post-harvest strategies to optimize fruit quality and shelf life: *Peter M. A. Toivonen, Agriculture and Agri-Food Canada, Canada*; 3. Advances in postharvest handling and storage of apples: *Christopher B. Watkins, Cornell University, USA*; 4. Post-harvest storage management of mango fruit: *Noam Alkan, Agricultural Research Organization (ARO), Volcani Center, Israel*; 5. Understanding and improving the shelf life of tomatoes: *K. Wang, Purdue University, USA*

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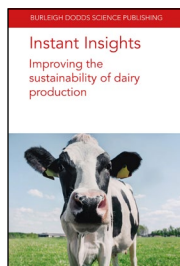
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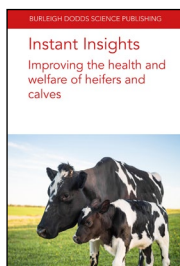
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1. Optimising reproductive management to maximise dairy herd health and production: *Norman B. Williamson, Massey University, New Zealand*; 2. Advances in understanding behavioral needs and improving the welfare of calves and heifers: *Emily Miller-Cushon, University of Florida, USA*; 3. Managing calves/young stock to optimise dairy herd health: *John F. Mee, Teagasc, Ireland*

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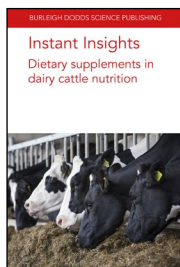
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Dietary supplements in dairy cattle nutrition

Contents

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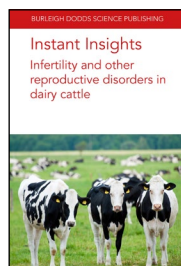
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DAIRY



Infertility and other reproductive disorders in dairy cattle

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1. Causes, prevention and management of infertility in dairy cows: *Alexander C. O. Evans, University College Dublin, Ireland*; 2. Developments in automated monitoring of livestock fertility/pregnancy: *Michael Iwersen, University of Veterinary Medicine – Vienna, Austria*; 3. Advances in dairy cattle breeding to improve fertility/reproductive efficiency: *Mekonnen Haile-Mariam, Agriculture Victoria, AgriBio, Australia*; 4. Optimising reproductive management to maximise dairy herd health and production: *Norman B. Williamson, Massey University, New Zealand*

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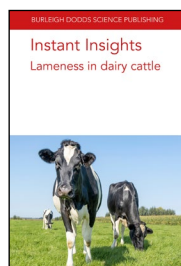
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Lameness in dairy cattle

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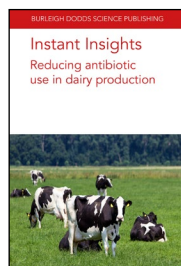
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Reducing antibiotic use in dairy production

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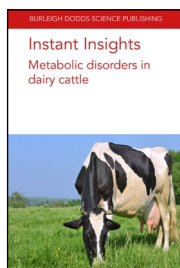
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Contents

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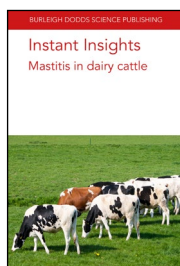
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Mastitis in dairy cattle

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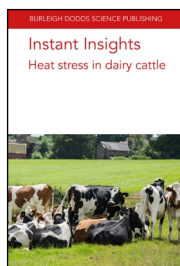
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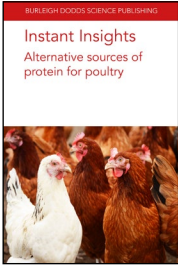
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POULTRY



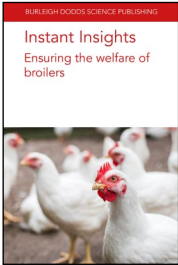
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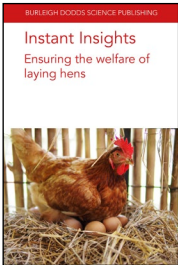
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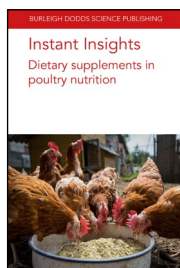


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Managing bacterial diseases of poultry

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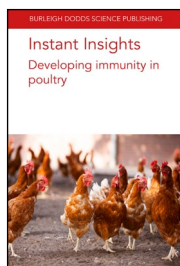
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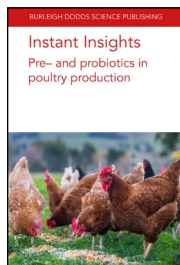
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POULTRY



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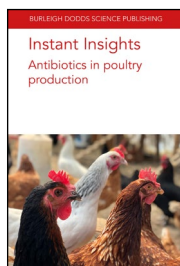
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Antibiotics in poultry production

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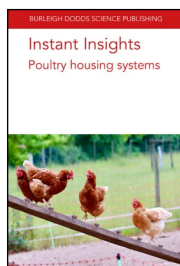
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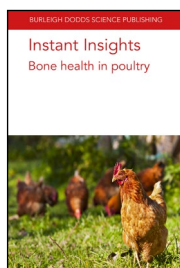
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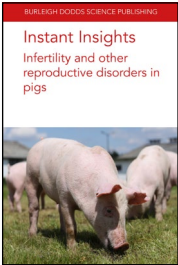
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PIGS



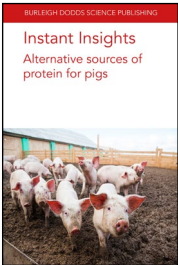
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Alternative sources of protein for pigs

NEW

Contents

1.Advances in understanding the characteristics and epidemiology of African swine fever: *Youming Wang, China Animal Health and Epidemiology Centre (CAHEC), China*; 2.Advances in surveillance and diagnostic techniques for tracking the spread of African swine fever: *Sandra Blome, Friedrich Loeffler Institute, Germany*; 3.Risk-based measures for prevention and control of African swine fever (ASF) in pigs: *Silvia Bellini, IZSLER, Italy*; 4.Advances in finding a vaccine for African swine fever: *Douglas Gladue, USDA-ARS, USA*

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Improving the welfare of growing and finishing pigs

NEW

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1.Optimizing pig welfare in the growing and finishing stage: *Arlene Garcia, Texas Tech University, USA*; 2.Welfare of pigs during finishing: *Jonathan Amory, Writtle University College, UK*; 3.Optimising pig welfare during transport, lairage and slaughter: *Luigi Faucitano, Agriculture and Agri-Food Canada, Canada*; 4.Optimising the health of finisher pigs: *Edgar Garcia Manzanilla, Pig Development Department, Teagasc, The Irish Agriculture and Food Development Authority, Ireland*

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4. Welfare of gilts and pregnant sows: *Sandra Edwards, University of Newcastle, UK*

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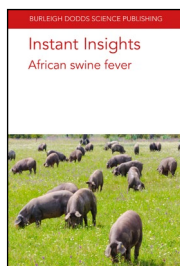
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African swine fever

NEW

Contents

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2. Advances in surveillance and diagnostic techniques for tracking the spread of African swine fever: *Sandra Blome, Friedrich Loeffler Institute, Germany*;
3. Risk-based measures for prevention and control of African swine fever (ASF) in pigs: *Silvia Bellini, IZSLER, Italy*;
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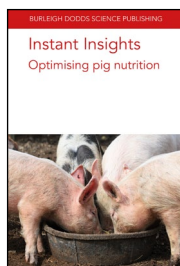
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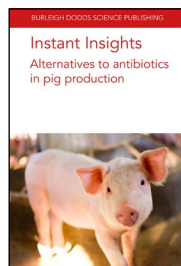
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PIGS



Alternatives to antibiotics in pig production

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1. Optimising sow and piglet welfare during farrowing and lactation: *Emma M. Baxter, Animal Behaviour and Welfare Team, Animal and Veterinary Sciences Research Group, SRUC, UK*; 2. Optimising pig welfare at the weaning and nursery stage: *Nicole Kemper, University of Veterinary Medicine Hannover, Germany*; 3. Welfare of weaned piglets: *Arlene Garcia, Texas Tech University, USA*; 4. Optimising the health of weaned piglets: *Andrea Luppi, Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia Romagna (IZSLER), Italy*

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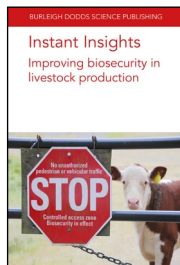
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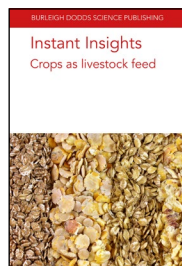
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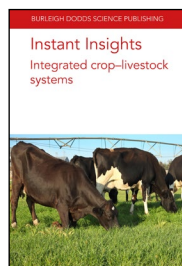
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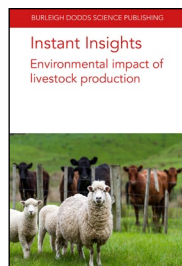
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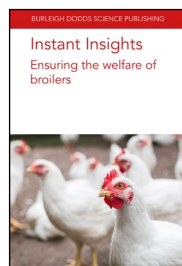
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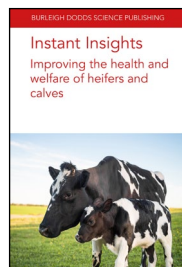
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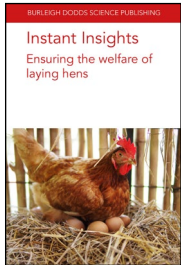
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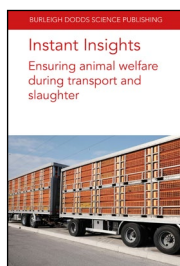
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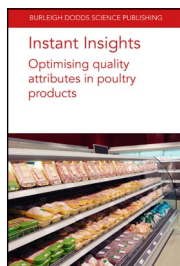
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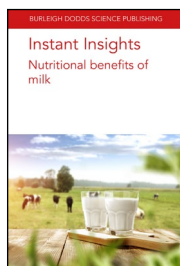
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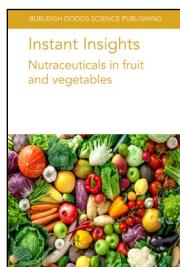
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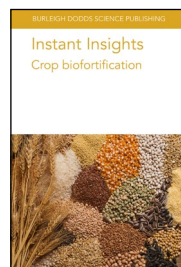
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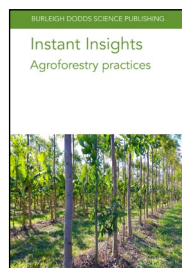
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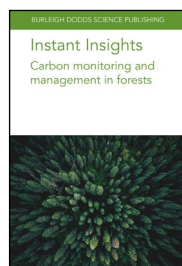
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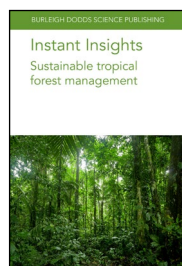
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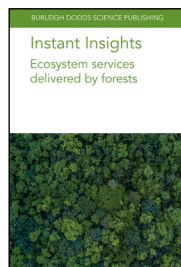
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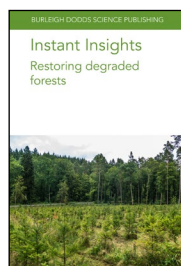
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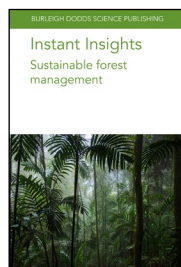
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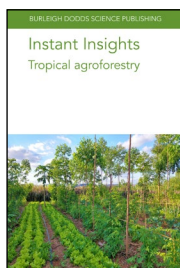
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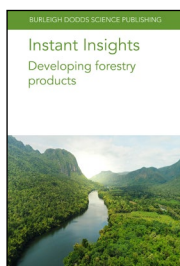
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