

**CONTENTS**

**Breeding**

- 71 Evaluation of live-body weight and the number of eggs produced for introduced and local chickens in Ethiopia  
*Setegn W. Alemu, Olivier Hanotte, Fasil G. Kebede, Wondmeneh Esatu, Solomon Abegaz, Jasmine E. Bruno, Biazen Abrar, Tesfahun Alemayehu, Raphael Mrode and Tadelle Dessie*

**Nutrition**

- 78 Fatty acid profile and intramuscular fat concentration of *Musculus longissimus thoracis* in bulls fed grass silage harvested at one of three maturity stages, either with or without concentrate supplementation  
*Åshild T. Randby, Laila Aass and Anna Haug*
- 91 Evaluation of chemical composition and *in vitro* digestibility of stovers of different pearl millet varieties and their effect on the performance of sheep in the West African Sahel  
*Clarisse Umutoni, Vincent Bado, Anthony Whitbread, Augustine Ayantunde and Prakash Gangashetty*

- 100 Effect of graded levels of red grape pomace (*Vitis vinifera* L.) powder on physiological and meat quality responses of Japanese quail  
*C. M. Mnisi, V. Mlambo, C. Kumanda and A. Crafford*

**Welfare/Health**

- 107 The preference for water nipples vs. water bowls in pregnant ewes  
*Knut Egil Bøe, Ingjerd Dønnem, Cecilie Blakstad Løkken and Stine Grønmo Kischel*

**Physiology**

- 113 Objective carcass grading for bovine animals based on carcass length  
*Andrew Heggli, Lars Erik Gangsei, Morten Røe, Ole Alvseike and Hilde Vinje*