Crop/pasture improvement
Genotypic differences in leaf area maintenance contribute to differences in recovery from water stress in soybean.
R. J. Lawn, A. A. Likoswe

Identification of quantitative trait loci associated with salt tolerance during seedling growth in soybean (Glycine max L.).
Huatao Chen, Shiyou Cui, Sanxiong Fu, Junyi Gai, Deyue Yu

A method to differentiate summer-dormant from summer-active tall fescue and orchardgrass accessions at germination stage.
Dariusz P. Malinowski, David P. Belesky, Betty A. Kramp, Joyce Ruckle, Jaime Kigel, William E. Pinchak

Strategies for developing a core collection of bladder clover (Trifolium spumosum L.) using ecological and agro-morphological data.
K. Ghamkhar, R. Snowball, B. J. Wintle, A. H. D. Brown

Crop/pasture agronomy and physiology
Tomato irrigation scheduling improved by using percent canopy cover and crop developmental stage.
Oner Cetin, Demet Uygan, Hasan Boyaci

Effects of planting season and plant cultivar on growth, development, and pod production in snap bean (Phaseolus vulgaris L.).
Marlene Pérez-Barbeito, Ana Maria González, Ana Paula Rodiño, Antonio Miguel De Ron, Marta Santalla

Crop/pasture protection
Further studies on Pea seed-borne mosaic virus in cool-season crop legumes: responses to infection and seed quality defects.
B. A. Coutts, R. T. Prince, R. A. C. Jones

Histopathology comparison and phenylalanine ammonia lyase (PAL) gene expressions in Fusarium wilt infected watermelons.
P.-F. L. Chang, C.-C. Hsu, Y.-H. Lin, K.-S. Chen, J.-W. Huang, T.-D. Liou

Farming systems
Benefits of winter legume cover crops require early sowing.
A. Gselman, B. Kramberger