

Department of Crop & Soil Science

Student Choice Seminar

Taking on the Five Horsemen:

Drought, Malnutrition, Obesity, Poverty and Pesticide Pollution

Thursday, March 13th

Johnson Hall 343

3:00 – 4:30 pm

David C. Sands

Professor of Plant Pathology

Montana State University



Dr. Sands' research topics over the past 30 years encompass several interrelated fields of biology including plants and nutrition. He asks how genetic engineering of crops might allow us to avoid all pesticides and natural toxins and allow us to rely on organic and sustainable management of our crops. He was involved in the development of five new crops for Montana which are especially beneficial for those with gluten intolerance, diabetes, and attention deficit disorders. His interest is in finding and enabling students who wish to apply genetics to world class problems. Recently, Dr. Sands was awarded a Bill and Melinda Gates Grand Challenges Award to tackle the problem of Striga (witchweed) in Africa.