

## **WHY PLANT PURE LIVE SEED?**

**JOHN M. ROW\***, MANHATTAN PLANT MATERIALS CENTER, USDA NATURAL RESOURCES CONSERVATION SERVICE, MANHATTAN, KS 66502

**P. ALLEN CASEY**, MANHATTAN PLANT MATERIALS CENTER, USDA NATURAL RESOURCES CONSERVATION SERVICE, MANHATTAN,MANHATTAN, KS 66502

*Abstract:* Whether the consumer-- a restorer, producer, rancher, farmer, land manager, or consultant--is planting a prairie restoration, pasture renovation, or a range reseeding; seed quality is important for success. As part of a grass seed mixture, the contents of 2 lots of little bluestem seed are examined to illustrate differences in seed quality between the 2 lots of seed. Which of the two seed lots would be the best choice for the consumer? Whether purchasing seed or using wild harvest seed, it is important to know the purity and germination of each seed lot. By knowing the purity and germination, the consumer can calculate the Pure Live Seed (PLS) ratio of each seed lot and determine the number of pounds of seed to buy. Planting on a PLS basis using a proper seeding rate helps the consumer obtain a successful stand.

Key Words: PLS, prairie restoration, pasture renovation, range reseeding

Poster Presentation

Appropriate Session: - Prairie Restoration/Reconstruction