Growing demand for soybean production information gave rise to renewed soybean variety testing on a statewide basis in 2001. Colorado State University’s Crop Testing team tests soybean varieties to provide to growing Colorado soybean market with unbiased and reliable variety information to make better variety decisions. Performance trials have been conducted at Rocky Ford and at Yuma, but due to changing priorities at the Arkansas Valley Research Station, the soybean variety trial was only planted at Yuma in 2004. This sprinkler-irrigated trial included only Roundup Resistant varieties. Yuma has a relatively long growing season (average 2615 corn growing degree days) and appropriate for Group 2 maturity varieties. Although yield results were very good in 2003 (the top variety yielded almost 70 bu/ac), in 2004, our trial at Yuma was destroyed by hail and there was no harvest. We intend to solicit entries and plant one or two soybean variety trials in 2005 because the acreage of soybeans in Colorado continues to increase and there is increased demand for unbiased and reliable variety information.