

2014 Snap Bean and Lima Bean Research Priorities

High Priority

Bean Virus. Continue development of resistant varieties. Screen existing varieties and breeding lines.

Pod Quality Control. Includes pod mold control, Phytophthora impact, managing seed size/sieve size, identifying and controlling rust/russet (unmarketable pods), and insect damage to pods.

European Corn Borer Management. Evaluate new insecticides, application techniques and application timings that will improve control and reduce cost. Develop a risk assessment model based on factors associated with ECB infestations to be used in making insecticide control decisions for ECB, while keeping in mind a zero to very low tolerance.

Weed Control. Includes new products, rates and cost effectiveness.

Variety Evaluation and Breeding. Includes heat tolerance, nitrogen response, white and gray mold and virus resistance, managing seed size and sieve size, yield factors (planting dates and populations) and harvestability (plant height, direction of pick, ease of picking).

Medium Priority

Vigor in Early Plantings. Includes varieties, environmental conditions, and fertility.

Contaminants. Including animals like slugs, frogs, snakes, and plant debris, stones as related to reduced tillage practices.

Literature/Internet Searching. Keeping up-to-date on snap bean research from other areas.