2010 ILLINOIS CORN BREEDERS’ PROGRAM (as of 2/17/10)

Monday, March 1

7:30 AM Registration

8:15  Richard Johnson, University of Illinois – Introduction

8:30  Jack Dekkers, Iowa State University – Fundamentals of Whole Genome Selection

9:15  Nick Lauter, Iowa State University – COGENFITO: Software to Facilitate Whole Genome Selection

10:00 Break

10:30  Rex Bernardo, University of Minnesota – Exploiting Both Doubled Haploids and Cheap and Abundant Molecular Markers in Maize Breeding

11:15  Andres Gordillo, AgReliant – Optimum Hybrid Maize Breeding Strategies Using Doubled Haploids

12:00 – Lunch

1:00 PM Dave Onstad, University of Illinois – Seeds of Change: Can Mutant Rootworms Defeat Our Current Efforts to Control Them with Bt Corn?

1:45  Mike Gray, University of Illinois – Experimental Evaluation of Multi-Gene Insect Control Products

2:30 Break

3:00  Dirk Benson, Syngenta – Multi-Gene Insect Control Products & Refuge Issues

3:35  Laura Higgins, Pioneer – Multi-Gene Insect Control Products & Refuge Issues

4:10  Dusty Post, Monsanto – Multi-Gene Insect Control Products & Refuge Issues

4:45  Panel Discussion on Multi-Gene Insect Control Products & Refuge Issues

6:30 Dinner

7:30 Kendall Lamkey, Iowa State University – Agronomic Innovations for Sustainable High Row Crop Productivity

Tuesday, March 2

8:15 AM  Marilyn Warburton, USDA/Mississippi State University – Association Mapping of Drought Tolerance Genes

9:00  Ann Stapleton, University of North Carolina at Wilmington – Genetic Architecture of Multiple-Stress Response

9:45  Break

10:15  Lisa Ainsworth, University of Illinois – Changes in Plant Metabolism Induced by Climate Change

11:00  Mark Lawson, Monsanto – Transgenic Facilitated Drought Tolerance in Corn