## Illinois Crop Improvement Association, Inc.

### Scope of Laboratory Services

ISO/IEC 17025:2005 Accredited

(Scope of ISO/IEC 17025:2005 accreditation available online)

#### Crops and Kinds
- Forage
- Grains and Cereals
- Grass & Turf
- Flowers
- Native Species
- Row Crops
- Vegetables

#### Seed Purity
- All State Noxious Weed Exam
- Fluorescence – Oat & Ryegrass
- Hilum Color - Soybean
- Hypocotyl Color - Soybean
- Noxious Weed Exam
- Palmer Amaranth
- Red Rice Exam
- Seed Identification
- Separations

#### Seed Germination & Quality
- Accelerated Aging
- Cold Test and Saturated Cold Test
- Fast Green – Corn & Cereals
- Fusarium Rating - Cereals
- Germination
- Moisture & Test Weight
- Precision Sizing - Corn
- Pod & Stem Blight Ratings - Soybean
- Sand Test
- Seed Coat Damage - Soybean
- Seed Count
- Seed Treatment
- Stone Bean Test
- Tetrazolium Test

#### Genetics & Traits
- ELISA & Lateral Flow
- Genetrue® Genetic Purity
- Greenhouse & Laboratory Methods
- Non-GMO Services
- Phytopathological Screenings
- Plant Breeder Trait Screens

#### Corn for Processing
- Aflatoxin
- Alkaline Cooker Bundle
- Amylose Content
- BCFM
- Dry Millers Bundle
- Food Grade Tests
- Fumonison
- Moisture, Oil, Protein, Starch
- Stenvert Hardness Test
- Stress Cracks
- Total Damage
- Waxy Purity
- Whole Kernels

#### Soybean for Processing
- Nitrogen Solubility Index
- Protein Dispersibility Index
- Protein, Oil, Fiber, Moisture
- Seed Count
- Soymilk & Tofu Process Test
- Sugar Profile
- Damage
- Foreign Material and Splits

#### Wheat for Processing
- Falling Number
- Protein & Moisture
- Vomitoxin/DON

#### Chemical Analyses
- Acid Detergent Fiber
- Ash
- Crude Oil – Ether Extraction
- Crude Protein - Combustion
- Crude Fiber
- Moisture Content – Air Oven
- Neutral Detergent Fiber
- Total Starch

#### Customer Designed Testing
- Appearance Ratings
- Breeder Screens
- Digital Images
- Sprout Tests

#### Supported by Illinois Crop Improvement’s
- Authentication & Field Inspection Services
- Puerto Rico Winter Farms

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