

A hand wearing a blue nitrile glove holds a white pipette tip. The background is a vast field of golden grain under a sunset sky with scattered clouds. The sun is low on the horizon, creating a warm, golden glow.

Quality.
since 1900

2017 Price List
Laboratory Testing & Field Services



ICIA

INDIANA CROP
IMPROVEMENT
ASSOCIATION



Thank you for your interest in ICIA.

For over 100 years, we have been a leader in seed certification, seed quality testing, genetic testing and research.

As an ISO 9001:2008 and ISO 17025:2005 certified organization, impeccable customer service and efficient and effective processes are ingrained in our operations and in practice on a day to day basis. Our customers benefit from the high standard of quality, accuracy and consistency that comes with our attention to detail, knowledge and experience.

Everyone can use a partner in this business; this is how we regard our customers, as partners. We will work with you to develop a quality plan that suits *your* business. Since we offer a wide array of services at ICIA including: seed testing, field inspection, year round certification and third party auditing, the possibilities for *your* customized program are endless.

In reviewing this Price List please note that this is not an all-inclusive list. Our capabilities and ability to customize services extend beyond this listing and we encourage you to contact us if there is a testing service you require which is not listed.

We appreciate the opportunity to inform you of our services, we look forward to working with you.

NOTE: All tests performed use independent replications tracking back to the sample. In addition, new tests are not offered until they meet or exceed our rigorous validation criteria. These are just two of our many stringent internal quality assurance measures.

June 1, 2017



7700 Stockwell Road
Lafayette, IN 47909

www.IndianaCrop.org

765.523.2535 (p)
866.899.2518 (tf)
765.523.2536 (f)

ISO 9001:2008
ISO 17025:2005
USDA Accredited Lab



Germination & Seed Vigor

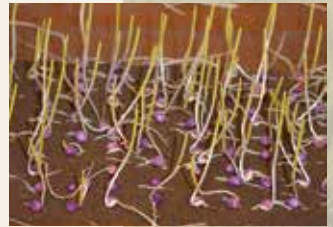
Germination

| | |
|---------------------------------------|---------|
| Corn | \$12.50 |
| Cotton | \$12.50 |
| Small Grains | \$12.50 |
| Small Seeds | \$15.50 |
| Sorghum | \$12.50 |
| Soybeans | \$12.50 |
| Sunflowers | \$12.50 |
| Turf Grasses | \$16.50 |
| Native, Reclamation, Wildflowers, etc | Varies* |



Sand Germination

| | |
|----------|---------|
| Corn | \$23.00 |
| Soybeans | \$20.50 |



Cold Test

\$14.50

Saturated Cold

\$22.50

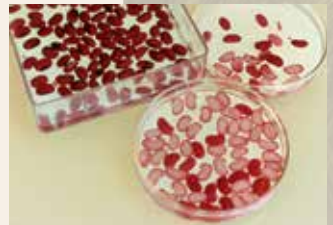
Accelerated Aging

\$13.50



Tetrazolium**

| | |
|---------------------------------------|---------|
| Corn | \$27.00 |
| Small Grains | \$27.00 |
| Small Seeds | \$30.00 |
| Sorghum | \$27.00 |
| Soybeans | \$23.00 |
| Turf Grasses | \$30.00 |
| Native, Reclamation, Wildflowers, etc | Varies* |



* Please call for specific pricing.

** Work may be assessed at an hourly rate of \$40.00.

Prices are subject to change without notice.

Seed Purity



Purity Analysis**

| | |
|---------------------------------------|---------|
| Corn | \$9.50 |
| Small Grains | \$9.50 |
| Small Seeds | \$13.50 |
| Sorghum | \$10.50 |
| Soybeans | \$9.50 |
| Sunflowers | \$9.50 |
| Separations | Hourly |
| Turf Grasses | \$16.50 |
| Native, Reclamation, Wildflowers, etc | Varies* |

* Please call for specific pricing.

** Work may be assessed at an hourly rate of \$40.00.

Varietal Analysis (visual)

| | |
|----------|--------|
| Oats | \$9.50 |
| Soybeans | \$9.50 |

Waxy Maize

\$25.00

Canadian Grading

\$20.00

Noxious All-States

(Continental US)

\$10.00

When requested with purity analysis.

Seed Count (per pound)

| | |
|----------|--------|
| Corn | \$6.00 |
| Soybeans | \$5.00 |
| Wheat | \$6.50 |

Test Sample Treatment

| | |
|--------------|--------|
| Corn | \$5.00 |
| Small Grains | \$5.00 |
| Soybeans | \$5.00 |

Sample Bags

\$0.14 each

Deblend RIB

\$25.00

Contact ICIA to request large (5-10#) sample bags and bag labels 1.866.899.2518

Visual Analysis

Examination of submitted sample based on pre-set member selected criteria to evaluate overall appearance

Please call for information and pricing.



Trait Testing

Trait Purity Testing

| Tests | Single Trait | Double Trait |
|-------------|--------------|--------------|
| 90 Seedling | \$80.00 | \$105.00 |
| 30 Seedling | \$32.50 | \$47.50 |

For the Following Trade Names

| | |
|------------------------|----------------------|
| Genuity® VT DoublePRO® | HERCULEX® Corn Borer |
| Genuity® VT TriplePRO® | HERCULEX® Rootworm |
| Genuity® SmartStax® | Agrisure Artesian® |
| YieldGard® Corn Borer | Agrisure® Corn Borer |
| YieldGard® Rootworm | Agrisure® Rootworm |



| Tests | Single Trait |
|--------------|--------------|
| 90 Seedling | \$95.00 |
| 30 Seedling* | \$47.50 |

*30 Seedling test available only on VIP3A.

For the Following Trade Names

| |
|------------------------------|
| Genuity® DroughtGard® |
| *Agrisure Viptera® 3110/3111 |
| Agrisure Duracade® |

Visit indianacrop.org for the latest trait testing matrix recommendations.



Lateral Flow Strip Testing*

| Tests | Price per test |
|------------------------|-------------------|
| Bulk Sample | \$10.00/trait/rep |
| Individual Seed/Tissue | \$10.00/trait |

*For special projects or high sample volume please call for pricing.



Bioassay Herbicide Laboratory Tests

| Tests | Price per Test |
|---------------------------------|----------------|
| Roundup Ready® Soybeans | \$22.50 |
| STS® Soybeans | \$22.50 |
| LibertyLink® Soybeans | \$35.50 |
| Roundup Ready 2 Xtend® Soybeans | \$35.50 |
| Roundup Ready® Corn | \$32.50 |
| LibertyLink® Corn | \$40.50 |
| IMI Corn | \$40.00 |



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Herculex® Insect Protection technology by Dow AgroSciences LLC and Pioneer Hi-Bred.

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STS® is a registered trademark of DuPont.



GMO Screening in Corn

| | |
|-----------------|----------|
| 35S and NOS | \$175.00 |
| Non-GMO Project | \$225.00 |
| Full Panel PCR | \$305.00 |

Lateral Flow Strip Tests

| | |
|-------------------------|---------|
| Roundup Ready® | \$30.00 |
| Liberty Link® | \$30.00 |
| Dicamba | \$30.00 |
| Combination of 2 traits | \$60.00 |
| Combination of 3 traits | \$90.00 |

Three reps per test.

Mycotoxin Testing

| | |
|--------------|---------|
| Aflatoxin | \$55.00 |
| Fumonisin | \$55.00 |
| B1 Aflatoxin | \$85.00 |
| DON | \$85.00 |
| Ochratoxin | \$85.00 |
| Zearalenone | \$85.00 |

Varietal Purity & Identification

Marker Assisted Selection & Genotyping

DNA-based allele tracking for breeding purposes and line characterization available upon request

Please call for pricing.



Corn Fertile/Sterile

\$175.00

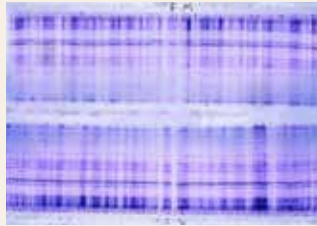
Corn Purity

Inbred/Hybrid*

Seed Corn

\$175.00

**Parental lines should be provided.*



PAGE Small Grain Identification

Wheat and Oats

\$40.00 per lane



Fatty Acid Analysis

Soybeans; additional crops or products by request.

Please call for pricing.



Field Services

Value Added Services for Seed Production and More

Objectives of field services can include:

- **Confirmation** that the variety matches its description
- **Verification** of field location, isolation and acreage; including notification of isolation issues, inseparable other crops or problem weeds
- **Notification** that the crop has met standards required according to seed class or end use
- **Crop certification** in Indiana and/or ICIA facilitated certification in Puerto Rico
- Administration of a customer's own **quality assurance program**
- Management of **grow-out plots** for purity in Puerto Rico by ICIA staff
- USDA NSHS Accredited to provide **phytosanitary inspections**

Please call for pricing details.

All field service programs are individualized to fit the needs of each customer.



Reliable Resource for Custom Projects and Quality Programs

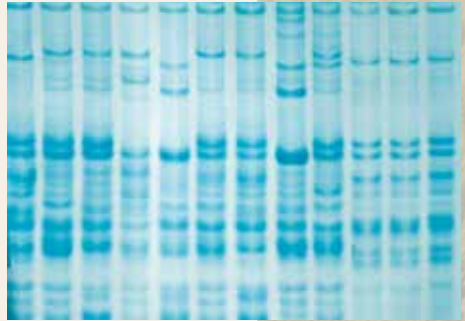
The wide variety of expertise and years of experience at ICIA allows us to assist our members with unique projects, collaborative research and troubleshooting quality or process concerns.

In addition to services specified, ICIA can also provide:

- Seed corn and popcorn grading
- Sampling support
- Bin and equipment inspections
- Plant inspections
- Grower site inspections
- Sample handling and packaging
- Fingerprinting (PCR)
 - Genotyping
 - Marker Assisted Selection
- Food, oil and other product content analysis (GC)
- Consulting services

Our highly specialized, customer service oriented laboratory and office staff are available to help members anytime.

- PhDs
- RSTs
- RGT
- CGT
- CVT



Have a question?

Don't be afraid to ask—Let's solve it together!

3rd Party Audits



QMS Development & Custom Audits

Whether you are working to become an ISO certified organization or in need of some guidance putting a quality plan in place, ICIA can assist in these processes. ICIA has multiple staff members who have completed ISO Lead Auditor training and all staff members interact with our own ISO QMS on a daily basis.



QA/QC and IP Custom Audits

The AOSCA Quality Assurance (QA) program provides a uniform and unbiased quality control system and marketing tool for crop seeds merchandised as varieties, hybrids, brands or blends. Following system guidelines similar to certification standards, ICIA as an unbiased third-party agency can verify to the customer that seed is of known purity and quality standards.

Identity Preserved (IP) is designed to verify the integrity of a product through a particular process, such as tracing the inputs and final output of a nonGMO product through a food plant.

Call the ICIA office to discuss audit options and pricing.



Responsible. Reliable. Experienced.

ICIA Quality Management System

Being ISO 9001:2008 and ISO 17025:2005 certified, as well as a USDA accredited Seed Lab, we employ quality control checks and balances across all departments at ICIA including:

- Detailed work instructions
- Equipment calibration schedules
- Tolerance tables
- Result accuracy and consistency monitoring throughout the entire testing season
- Controls and Standards – run daily or by sample, specific to test type



BarLink®

BarLink is a free, custom designed software program that allows you to create labels for your samples. BarLink is easy to use and reduces time and the possibility for errors. Just enter the sample info into the BarLink entry screen, print your label and affix it to the sample bag, it's that simple!

BarLink also allows you to create and save submission reports which can be printed and included with the samples sent for tracking and documentation purposes.

Click on the BarLink tab at indianacrop.org for more information.



LabLink®

LabLink is our online, web-based system that allows customers to retrieve their sample lab test data.

User-friendly, convenient and secure; LabLink allows customers to view test data at their convenience; 24/7, and is accessible by user id and password. LabLink also has the functionality that allows you to export your data into Excel for customized use, save data files for future reference, download and email lab reports as needed.

Visit indianacrop.org to view a demo of LabLink.



ICIA INDIANA CROP
IMPROVEMENT
ASSOCIATION

ISO 9001:2008
ISO 17025:2005 Accreditation No. 83099
USDA Accredited Seed Lab
AOSCA, AOSA/SCST, ASTA and IPSA
Member
PhD, RST, RGT, CGT, CVT
Independent, NGO
Since 1900

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