

# CULTIVATING A CLEAN HEMP FUTURE.

The fastest, most reliable microbial testing to ensure hemp cleanliness and compliance.



# **HARNESS DNA-BASED TESTING TO ENSURE CLEAN HEMP IN UNDER 6 HOURS.**

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**Detect and quantify multiple pathogens  
(including powdery mildew and gray mold)  
with results in 6 hours.**

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**Process up to 100 samples per day thanks to testing  
that enables industry-leading throughput.**

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**Establish a hemp industry best practice  
reducing crop losses and costs.**

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**Adopted by over 80-plus  
labs to replace outdated testing!**

Detect<sup>x</sup> | Quant<sup>x</sup> | Enviro<sup>x</sup>

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## **CERTAINTY IN JUST 6 HOURS.**

We've packed a century of scientific advancement into a simple testing kit. Our solutions eliminate as many as 20 steps from conventional microbial testing methods—dramatically reducing both time and expenditure.

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## **IT'S FAST.**

No longer is extraction, purification required for DNA based testing! Our process requires less lab time and space, and returns definitive results in 6 hours, at a fraction of the test costs.

## **IT'S SCALABLE.**

With PathogenDx, multiplexes are utilized to identify multiple pathogens in a single, simple test and up to 100 samples in a single day.

## **IT'S REPLICABLE.**

Our simple, solid-state microarray technology platform provides consistent, replicable results, even in microbial organisms that are difficult to incubate in plated cultures.



# INNOVATION FOR THE SCIENCE AND BUSINESS OF MICROBIAL TESTING.

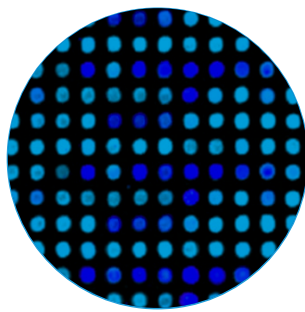
As state's establish regulations to insure pathogen-free hemp products, PathogenDX delivers the technology each state's testing labs require. Discover DNA-based technology detecting and quantifying powdery mildew, aspergillus and 50-plus pathogens in 6 hours or less for hemp- growing clients. And your own growing business.

**REQUEST A TECHNICAL WEBINAR: 1.800.641.5751**



**Detect<sup>x</sup>**

Microbial  
detection.



**Quant<sup>x</sup>**

Microbial  
quantitation.



**Enviro<sup>x</sup>**

Ultra-Rapid  
environmental  
screening.



**Phyto<sup>x</sup>**

Detection of plant  
pathogens.



**78,000+**

Acres of Hemp now  
grown in 23 states



**3,500+**

State licenses  
issued to date

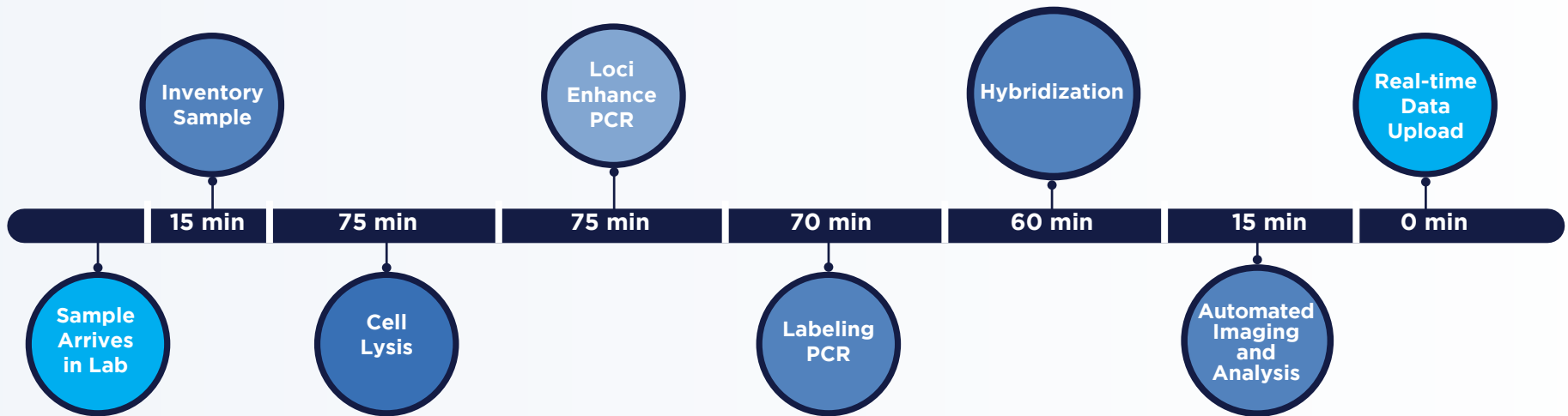


**23 STATES**

Requiring pathogen  
regulatory testing

# PATHOGEND<sub>x</sub>: DEFINITIVE, QUANTIFIED TEST RESULTS IN 6 HOURS.

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**“PATHOGEND<sub>x</sub> HAS GONE ABOVE AND BEYOND IN ASSISTING ICON FARMS WITH THE DEVELOPMENT OF INDUSTRY-LEADING HEMP MICROBIAL TESTING PROCEDURES AND STANDARDS. THROUGH THIS RELATIONSHIP, WE ARE ABLE TO LEVERAGE PATHOGEND<sub>x</sub>’S TECHNOLOGY AND TESTING PROTOCOLS, TO IMPLEMENT SAFETY GUIDELINES WITHIN ICON FARMS’ NETWORK OF PRODUCERS TO DRIVE THE HIGHEST YIELDS. THIS ALLOWS US TO EXPEDITE OUR PROCESSES WITH A SUPERIOR HEMP SUPPLY CHAIN TO THE MARKET.”**

Jordan Gielchinsky  
Chief Executive Officer  
Icon Farms Inc.

# SETTING THE STANDARD IN DNA TESTING

Testing for labs and processors serving Hemp growers leverages patented microarray technology. Industry leading throughput ensures up to 100 samples can be tested per day. It's one more way PathogenDx delivers a cleaner, more profitable future.





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