



Industrial Hemp Research Pilot Program

PRESENTED BY

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Florida Agricultural and Mechanical University



Qualified Respondents

- Eat Your Veggies, LLC
- Future FarmTechnologies
- Green Earth
 Cannaceuticals, Inc.

- Liberty Health Sciences
- RBC-USA-United (RUU)
- Stem IH/Stiff Holding Company
- Sunshine Hemp, Inc.

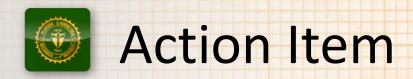




Invitation to Negotiate (ITN) Process

- ✓ Qualified Respondent Presentations
- ✓ Negotiation between FAMU and Qualified Respondents
- Evaluation Team recommends chosen Qualified Respondents for contractual agreement
- BOT Approval of Final Pilot Projects
- Contracts Signed—by projected date March 11, 2019
- FDAC permit process begins





Approval Needed

Pursuant to 1004.4473 of the Florida Statutes

"A university must obtain the authorization of its board of trustees before implementing an industrial hemp pilot project. A pilot project authorized by a university must be registered with the department and must comply with rules adopted by the department."

- Request
 - Approval of Industrial Hemp Pilot Projects:
 - Sunshine Hemp
 - Green Earth Cannaceuticals
 - Future Farm Technologies





FAMU asked for an offer based on these positions--which include BOT feedback:

- Partner should meet statutory Requirements.
- Partner should pay 100% of project costs.
- Partner should involve underserved small farmers in the research and commercial activity.
- Partner should provide FAMU student internships and research opportunities for FAMU faculty.
- Partnership encouraged to continue beyond the 2 contracted research years.
- Partner encouraged to allocate 100% of New intellectual property developed to FAMU.
- Partner encouraged to allocate 30% of sales of products resulting from commercial activity to FAMU.
- Partner is encouraged to conduct as much research and commercial production as feasible on FAMU property in Quincy and/or Brooksville.



Snapshot of Chosen Pilot Projects:

- Here is a snapshot of the strengths that each identified qualified project partner possess. These characteristics
 embody all of the preferred qualifications that we were looking for in providing a comprehensive approach to
 pilot projects throughout the state of Florida which cover the areas important to us:
- Sunshine Hemp Strengths:
 - IP allocation to FAMU
 - Net profit percentage to FAMU and IPO Stock Ownership during Phase II
 - Involvement of FAMU students and faculty
 - Quality of Research Program and potential for income for FAMU
 - Continuation beyond two years
- Green Earth Cannaceuticals Strengths:
 - IP allocation to FAMU
 - Sales percentage to FAMU
 - Involvement of Underserved Farmers, FAMU students and faculty
 - Continuation beyond two years
- Future Farm Technologies Strengths:
 - Solely use FAMU property and involvement of FAMU students and faculty
 - Involvement of Underserved Farmers





Sunshine Research Project:

Goals

- Testing to insure proper THC levels
- Identify, cultivate, test, and quantify which hemp genetics and methods are suitable for Florida regions and climates
- Ensure that plants grown from these genetics do not present a risk to Florida's other agricultural crops

Research Focus

- Topics include: plant genetics, soil analysis, basic agronomics, equipment for harvesting, nutraceutical and industry applications
- Projected Research
 - Identify and quantify hemp seed genetics suitable for Florida regarding photoperiod climate and stability of compliance and biosecurity
 - Experiment with planting techniques, nutritional needs along with effects of pest and pathogen pressure to find or develop suitable germ plasm for the best performance in each Florida region
 - Create mechanized harvest equipment along with crop drying and stabilizing of biomass storage
 - Experiment with cutting edge extraction and molecular separation of terpenes, flavonoids, and cannabinoids
 - Conduct studies of the effects of each or combined molecules, and also making formulations already created
 - Evaluate hemp invasion risks
 - Develop research and commercial partnerships for cooperative sharing of outcomes expand opportunities for small and large farmers in Florida



Green Earth Research Project:

Goals and Research Focus

- Testing to insure proper THC levels
- Identify hemp plant varieties capable of thriving in Florida's various environments
- Assessing the potential for hemp plants becoming an invasive species
- Collaborate with FAMU to develop management practices to make hemp production commercially viable
- Identifying additives that optimize plant health and increase production
- Analyze economic impact of Industrial hemp production in Florida





Future Farm Research Project:

Goals and Research Focus

- Testing to insure proper THC levels
- Soil testing in association with FAMU staff
- Based on soil analysis, various seed varieties will be secured
- Will determine which seeds should be germinated and tended in Future Farms Apopka greenhouse—
- Commence propagation in Apopka greenhouse and transfer to FAMU Quincy facility
- As crop matures, close consultation with FAMU staff will occur and regular progress reports will be prepared
- A public outreach program will be conducted in association with FAMU staff to market industrial hemp as a beneficial and profitable crop for Florida farmers and growers



"At FAMU, Great Things Are Happening Every Day."



Questions?

