

## Attachment C

### **Technical Capability**

#### Applicants Expertise:

As I embark on my farming journey, I recognize the growing importance of technology in modern agriculture. To remain competitive in the field, I understand the necessity of adapting to new farming technologies. While I have experience with smaller camera drones over the past two years, integrating larger drones into my operations will be a natural transition. With the guidance and mentorship of seasoned professionals in the industry, I am confident in my ability to effectively incorporate drone technology into my farming operation.

### **Program Details**

We are committed to utilizing our drone technology for comprehensive pesticide application across all our acres, ensuring optimal crop health and pest management. While our primary focus is on full-acre coverage, we recognize the importance of spot treatments when necessary to address specific areas of concern. Additionally, we are proactively seeking opportunities to extend our services to neighboring farms, aligning with an additional 1000 acres locally. This collaborative approach not only strengthens our financial position but also fosters community engagement and mutual support within the agricultural sector. Through strategic partnerships and a commitment to precision agriculture, we are poised to maximize the benefits of drone technology for both our farm and the broader farming community.

### **Expected Life**

Our intention is for this system to serve us reliably for the next decade. We are confident that with our diligent daily checks and proactive approach to replacing consumables, longevity will not be a concern. Our track record of meticulously caring for our machinery has consistently ensure profitability, and we fully anticipate that this

commitment to maintenance will extend to our new system, allowing us to continue operating efficiently and effectively for years to come.

### **Maintenance Plan.**

We conduct weekly inspections of motors and consumables, ensuring optimal performance and identifying any maintenance needs. Additionally, we perform daily checks on the bolts and screws of the drones to guarantee their structural integrity and safe operation. After each job is completed, the drones are meticulously cleaned and stored indoors, safeguarding them from environmental damage and extending their lifespan. This rigorous maintenance routine underscores our commitment to preserving the reliability and longevity of our drone fleet.