



Green Thumb Risk Register

Positive Risk Response Options	Exploit
Negative Risk Response Options	Avoid
Alternative Response Options	Contingency
Risk	Something that has not happened but might
Issue	Something that has already happened
No longer active	
Risk ID	Description
	Description of the risk
Ordering Supplies	There is a chance of not having access to the supplies necessary to support the nursery (including office supplies, fertilizer, additional inventory, and so on).

Technology	There is a chance of not being able to access the the point-of-sale (POS) system or the licensing portal for regulated items (for example, pesticides and chemicals).
Physical Security	There is a chance that if physical security is not in place, the opportunity for breaking and entering occurs.
Asset Management	There is a chance of loss of quality control or loss of crop due to environmental factors or growing techniques.

Insurance

There is a chance of not having the proper insurance that would cover different situational issues related to business assets and employees.

Safety

There is a chance there could be an opportunity for mortal danger because of the nature of the business (for example, using ladders, forklifts, and pesticides).

Share	Monitor	Accept	Probability/Impact
Transfer	Mitigate	Accept	1
			2
			3
			Note: Colors in 1
Risk Trigger	Risk Category	Probability (1-3)	Impact (1-3)
How you know the risk is becoming an issue or has reached a point that requires action.	Group defines the types of risks (technological, financial, employee, etc.)	Group-sourced rough estimate of how likely this is to occur	Group-sourced rough estimate of how significant the impact of this risk will be if/when it becomes an issue
If the amount of supplies is less than what is sufficient to support the nursery for two weeks, we will need to order additional supplies. If usual supplier is unable to provide supplies is typical two business day time frame then backup suppliers need to be utilized.	Inventory	2	3

<p>If the equipment used to access the point-of-sale (POS) system, which is also utilized as the licensing portal for regulated items, became unresponsive, we need to seek alternative means of tracking and entering customer and regulatory information into the system. At that time we also need to implement our local IT company to begin repairing the system.</p>	Technological	1	2
<p>If physical security is compromised then the possibility that the physical controls that have been put into place are not being follow there is a risk to then nursery to become the victim of theft and vandalism. We need to follow-up on our physical security procedures with staff and alert authorities.</p>	Physical	2	3
<p>If the crop appears to be failing due to environmental factors or growing techniques, we will need to make adjustments to address individual crop's needs. In the event that adjustments are unsuccessful the individual crop will need to be removed from inventory.</p>	Inventory	3	3

<p>If there is not proper insurance to cover different situational issues related to business assets and employees, the nursery may be held liable for damages or injuries sustained on site. We will need to address insurance coverage gaps.</p>	Financial	3	3
<p>If improper use of equipment utilized by the nursery occurs there is an opportunity for mortal danger, we will ensure that everyone is following proper safety according to OSHA guidelines and in compliance with required certifications.</p>	Safety	1	3

PI Score	
1-3	Low
4-6	Moderate
7-9	High

the heat map are conditionally formatted for your use in the template. Do not modify.

PI Score	Expected Result, No Action
Probability multiplied by impact	What will happen if the risk becomes an issue and no action is taken
6	We will not have the supplies necessary to support necessary functions in the nursery. This may cause issues in maintaining the health of our inventory and have long term repercussions.

2	<p>We will not have a working POS system available in a customer facing environment to use when completing customer transactions or for entering regulatory information required when working with the licensing portal for regulated items.</p>
6	<p>If the physical security is not in place then there is a chance for the nursery's inventory, documents, and cash to be stolen. There is also a chance for the nursery's property to be vandalized. The nursery also uses fertilizer that is regulated and has the potential to be misused which also runs the risk of being stolen.</p>
9	<p>If the crop begins showing signs of failure due to environmental or growing techniques and no adjustments are made then a total loss of the crop is possible. If after adjustments or with no adjustments made that crop is not removed from the inventory there is a possibility that if failure is from disease that it can spread to the rest of the inventory.</p>

	<p>If there is improper insurance coverage for different situational issues or employees and an incident occurs at the nursery then the nursery may be liable for the cost of the incident. Given that the nursery is a small business it may not have the funds necessary to cover the cost of the incident and could cause the nursery to go out of business.</p>
	<p>If improper use of equipment utilized by the nursery occurs there is an opportunity for those using the equipment to be in mortal danger. Given that the nursery uses pesticides, ladders and forklifts there are many opportunities for these items to do grave harm if those using them are not following proper safety guidelines.</p>

[illegible]

Contingency	When the customer facing POS system begins showing signs that it is malfunctioning it is time to begin the repair steps.
Mitigate	In the event that an alert is received outside of business hours of activity on the property that is unaccounted for or unusual activity during regular business hours that is suspicious then we need to alert local authorities.
Mitigate	Once signs of crop failure are noticed the crop should be evaluated for signs of disease, environmental issues, or growing technique issues and based off evaluation the appropriate action needs to be taken.

Transfer

It is appropriate to respond to the issue of insurance coverage for different situational issues or employees prior to there being a need for the coverage. This issue should be remediated immediately.

Mitigate

It is appropriate to put the response into action prior to any employee using any of the equipment utilized by the nursery. No employee should be using any equipment utilized by the nursery until they have received the proper safety training and certifications on that equipment.

[illegible]

<p>In the event that the customer facing POS system becomes unusable, we will begin tracking all sales on paper with the same information that we would collect electronically. Within an hour of the system going down we will notify the local IT company we utilize for repairs and request for them to come out to begin the repair process. If the repair process will take longer than a day to complete we will utilize our backup laptop to access the POS system and enter the paper sales slips into the electronic system. We will also utilize the backup laptop to track all regulatory information necessary into the licensing portal.</p>	<p>The expected outcome from this is that nursery sales would still be able to continue via backup processes while repairs are being conducted by our local IT company. Also, all information that would be tracked from customer sales in the POS system, and all regulatory information tracked in the licensing portal would continued to be tracked via the backup laptop.</p>
<p>In the event that physical security controls is not in place and the opportunity for breaking and entering occurs immediately after receiving an alert regarding unusual activity during non-business hours or noticing unusual activity during regular business hours that is suspicious the local authorities need to be notified immediately. In the event that evidence is found of breaking and entering or attempted robbery a police report needs to be filed with the local authorities. After any event involving the physical security of the nursery being compromised occurs all physical security controls that are standard procedure for the nursery need to be reviewed with all staff.</p>	<p>The expected outcome from this is that any attempted breaking and entering activity will be mitigated by action from the local authorities. As well as being mitigated in the future by reviewing nursery procedure regarding our physical security protocols to prevent any controls that were missing during the event.</p>
<p>Once signs of crop failure have been noticed the crop should be evaluated first for signs of disease, if signs of disease are noticed and can be remediated then the diseased parts should be removed and crop treated. If the crop is beyond assistance it should be removed from inventory to prevent disease from spreading to rest of inventory. If no signs of disease are present then it should next be evaluated for signs of environmental issues or growing technique related issues and if possible those issues should be adjusted. If after adjustments are made the crop does not improve or the crop is beyond the ability for the adjustments to assist then the crop should be removed from inventory. When removing from the inventory the crop should be listed as "terminated".</p>	<p>The expected outcome from this is that in the event the crop is diseased the disease will be contained. If the crop is able to be salvaged then that will be done when possible. As a last resort the crop will be removed from inventory and the POS system.</p>

<p>The appropriate response is to immediately meet with the owners and begin getting quotes from different insurance companies for business coverage appropriate for a business in their industry for its size. When getting quotes we will want to ensure it covers chemical issues, ladders, forklifts, heavy machinery, employee incidents, respiratory issues and pesticides. We will want to ensure that it is a policy that will cover their business expenses large enough for a total loss of their inventory and buildings in the event of a total loss of their property and needing to restart their business.</p>	<p>The expected outcome from this response is that we will transfer the risk of situational issues or employee incidents from the nursery to the insurance company. Rather than the business being solely liable for the damages we will have an insurance policy that will be responsible for paying out the damages in exchange for a much smaller monthly or bi-annually payment.</p>
<p>The appropriate response is to be trained on the proper safety procedures for each piece of equipment they will be using, including what steps to take if hazards arise from that equipment such as with the use of pesticides. Secondly if there are any certifications required for use of that equipment then employees must complete the certification courses prior to using that equipment. Employees must also review, acknowledge and follow OSHA guidelines for safety when working with nursery equipment. Any failures to follow safety guidelines for any equipment will result in employee being reprimanded and a thorough review of these guidelines over equipment again. And there will be regular retraining on all equipment.</p>	<p>Given that the nursery is safety focused the outcome from this is that there should be a much lower risk of mortal danger from the use of equipment utilized at the nursery. All employees will be trained prior to using equipment, retrained if any issues arise, and regularly given refreshers on all equipment to ensure that a culture of safety is cultivated at the nursery.</p>

[illegible]

****Note I read this prompt as if security procedures noted in the interview were ignored by staff thus giving the opportunity for a break in to occur****



