

## **Attachment F. Monitoring and Evaluation:**

To monitor our success we will have plenty of ways at looking at this. First we will know the installation of these monitors is a success based on how many breakdowns occur due to the performance of the monitor. If we are constantly having to stop and call for support because our monitors are malfunctioning, it will be a major loss valuable time and money. Secondly, we are able to test by how many prescriptions we successfully sent to the monitors and used. A struggle I have seen in the past with monitors is uploading prescription files and having them get lost or not upload correctly and then frustration or time restriction may force us to continue with flat rates. If we can ensure our prescriptions are there through the computer ahead of time, we can make sure our operators know how to pull it up and go! Lastly, a key way to test our success is at the end of the year with data. If I am able to put together a portfolio of management zones, boundaries, application data, and yield data to get an accurate look at our field (with no partial data) we are in excellent shape.

The amount of successful prescriptions made vs used is how we will directly measure our success and if we have over 90% favorable outcome, the project will be a success. I also would like to directly measure partial data and if there are more than two fields missing data, we will have to tweak our system. Lastly, if I can get three out of the four data points needed for my field portfolio, I can create a pretty accurate representation of that field and would again, consider it a success. The operator will be able to tell how much time they spend by being inactive in the field due to a monitor and that we can gauge after planting, after fertilizer applications, and after harvest. We can look at each portion of the plant cycle to determine how much time may be spent dealing with bugs in the system, if any. By identifying how many prescriptions are successful, we can determine by post planting season our second goal. Lastly, we can do a full write up and over view of how the year went with our final goal and see what data is missing to determine if we had a successful year that we will continue to monitor for years to come.