

How to Use Ticket Web Application

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Summary: "What the heck is this?"

This document explains how you can use the cherry ticket web application. The first section explains how to install the program and the prerequisites for using the program; the second section details a simple walkthrough of the program; and the final section contains some helpful notes. If you have questions or concerns, please email me at the email address above. Thanks!

Installation and Prerequisites: "Jeb! How do I start the damn lawnmower?"

1. First you need to install the program to your Desktop. In easy terms, you must download the **leelanaufuit** (or **lacrossfarms**) folder from Dropbox's website (Renee's account, likely) and save it to the Desktop of the computer that will be used for recording cherry tickets. Yes, I mean the poor compy that gets assigned to the sticky weighing/grading room outside (weighers'n'graders room?).
2. You need to move the server program to the Desktop as well. When you download the program folder above, the server program (an executable named **server** or **farm_server**) will be *inside* that folder. Simply drag + drop or cut + paste that file to the Desktop. Plop 'er right next to the program folder.
3. The program runs on Ruby on Rails, a web application platform. You need to install Ruby on Rails on the weighers'n'graders computer. Run this program:

railsinstaller-1.9.3-p545.exe

which—you guessed it—is inside the program folder. The installer should walk you through the steps to install Ruby on Rails. I have also included an html page **Installer Page.html** that should contain helpful information for the install process. It'd be best to restart the computer after the installation finishes. Let the poor compy catch its breath, you know.

4. You need an up-to-date web browser. I suggest Firefox (I use it for testing so I can best help you with errors and understand your future suggestions if you use the same browser). Download page is here:

<http://www.mozilla.org/en-US/firefox/new/>.

5. You do *not* need an Internet connection for this program to work—the *server* program creates a local server on your computer, which lets you run the program using a web browser *even though that computer is not connected to the Internet!* In other words, you can prevent the poor weighers'n'graders from surfing the web instead of work...unless they do it on their smartphones. Which are probably smarter than poor compy.**
6. That's it! It's installed! Have an iced tea.

**Of course, there are a lot of neat options we could explore if compy was networked. Like automatic saving of cherry records, and networking a program in the office with the weighers'n'graders program. Let me know if this is of interest.

Program Walkthrough: “Typical Day in the Life of a Weigher’n’Grader”

1. **Start the server.** Double click *server* – or *farm_server* – on the Desktop, this will start the server in a window labeled MS-DOS or similar. Wait until you see:

“...INFO WEBrick::HTTPServer#start: ...”

Minimize the window. **Do not close the window**---this will stop the server.

2. **Open the program’s main page.**

Open web browser (Firefox), and navigate to: <http://localhost:3000/tickets>

First time? It will ask you to add varieties—click ‘New Variety’ and follow the instructions.

Welcome to the ticket program. Please add some varieties.

Listing varieties

[Back to Tickets](#)

[New Variety](#)

Not first time? The program will show the main page listing all tickets by variety. You can sort the table by variety, and order the table by date, grower, grade, and pit number. For a given ticket, you may view, edit, or delete the ticket.

Displaying 'Dark Brine' Tickets by Date

[Export Dark Brine to Excel](#)

Select Variety: [Dark Brine](#) (edit varieties) Sort Options: [Date](#) [Refresh](#)

[New Ticket](#) | [Archived Tickets](#)

Date	Time	Grower Name	Total Tanks	Fruit Variety	Pit #	Weight	Grade	
07/01/14	07:35 AM	pe	4	Dark Brine	1	114	10%	View Edit Delete

[New Ticket](#) | [Archived Tickets](#)

You can also export all tickets of a certain variety to an Excel spreadsheet. Click “Export <variety> to Excel” – this will open a download window, where you can rename the file and select a location to save it. The link will export whichever variety you are currently viewing. Please store these records in a safe place!

New You can now archive old tickets. Click ‘Archived Tickets’ to view the currently archived tickets. A form on this page will let you set a new archive date.

3. **Create a new ticket.** Click "New Ticket" (there are 2 links: both are the same). Fill out ticket the same way you would a paper copy. Please double check your numbers, then click ‘Create Ticket’ to see the completed ticket (weight calculations and all! To print: right click the page and clicking ‘Print’ or go ‘Back’ or ‘Edit’ the ticket.

Notes: “Is that it?! Really???”

1. **Where are records stored?** The records (not the Excel files) are stored locally in the program folder..***do not delete anything in this folder!*** I suggest you back up this folder (save it to an external hard drive or cloud storage) periodically. Wacky things happen to computers—crashes, coffee spills, the Apocalypse—so protect your data!
2. **“It didn’t work! Helppppp!!!”** Sometimes programs just don’t work: please feel free to email me questions! I am happy to help when I have a free moment—it may take me awhile to get back to you but I will try to be prompt.

To help me diagnose your issue, please include:

- a) What is the problem?
 - b) What steps did you take to produce the problem (be explicit)?
 - c) How did you expect the situation to turn out—what should have happened?
3. **“This program sucks! I wish it did [this]!”** Well, please tell me about it! I am happy to implement new features. It’s fun for me (cus I’m a nerd). Please be detailed about what you want, just like in the 3 steps above.