

FRESH.APP by Team Hegemone

Bringing Farmers and Their Customers Together!

Buy Fresh, By Local Huron County

The **Fresh.App** brings Farmers and their Customers together. It is the **Where**, the **What**, and the **When** in obtaining fresh farm produce directly from the farm!

The **Fresh.App** provides a platform for Farmers to communicate to their customers not only their road-side stand locations and hours but what produce is for sale on that day and at any particular time during that day.

Mission Statement

The 100-mile diet is a movement growing in popularity with food enthusiasts. It is where people fill their food basket with only locally grown produce eating only seasonally appropriate and regional foods. Ideally, the practitioner of the diet only eats food that is grown or produced within a 100-mile radius of one's home. This requires the individual to develop a greater awareness of from where each meal comes. The major impediment to a successful 100-mile diet is the factor of convenience.

At present, Huron County is home to a diversity of Local Farmers Markets that are enjoyed by visitors and locals. These local markets are only open at set times, usually on weekend mornings, but not all the produce that sold there is locally harvested. For those people trying to fill their food basket with locally grown produce, the local food market might not be the most convenient choice.

Included in the food landscape are individual farmer's fruit, and vegetable stands along the road-way at their farm's gate. These farm gate markets are usually an informal way for local farm families to share some of their extra produce directly with the public. Often these farm gate fruit and vegetable stands are informal, unmanned and work on the honour system meaning that the produce is paid for by the customer in a secure lock-box. This provides a customer with some guarantee that the produce is grown locally and the satisfaction of purchasing their food directly from those who grow it. For the farmer, this means that they can sell their produce efficiently to their customers with little overhead and reduce the need to transport their produce to their customers. For those people trying to fill their food basket with locally grown produce and those interested in trying to live the 100 mile diet, the option of road-side farm gate food purchases is appealing. At present, the two main impediments to farm gate food purchases are the distance to drive to the road-side farm gate and the infrequency of available produce for sale due to the informal nature of how road-side farm gate stands are managed.

The Fresh.App responds directly to the second impediment whereby, the farmer can inform their customers of the variety and availability of produce for sale in real time with live updates.



Western Geography

It will show buyers where, what, and when fresh food is available directly from the farmers!

Fresh.App Characteristics


The Fresh.App is built upon the Esri's Web AppBuilder for ArcGIS technology has two major components, the Farmer's Portal, and the Public Customer Portal.

You can access the Fresh.App 24-hours a day seven-days a week on any device (computer, tablet, or mobile) on the following operating systems (Windows, Linux, IOS, or Android).

The Fresh.App will run on any device or browser with a wide variety of screen sizes.


Farmer Portal:

Register :



The farmer needs to register their name, address and usual hours of operation just once with the Fresh.App by choosing the  icon. The Farmer can then use the Address Geocoding Tool to identify their farm location or simply click the location on the map. A point would then appear on the associated map, with the information provided used to identify their fresh food stand.

Twice or more Daily Updates:

Twice daily the Farmer would access the Fresh.App portal:

In the morning: The Farmer would log-in to the Fresh.App and pick the types of produce that they would be selling on that particular day by clicking on their farm gate point using the Edit  Tool. Additionally, if their regular hours of operation change for whatever reason they can override the default operating hours and show their farm gate stand as "open" or "closed."

Later in the Day: The Farmer could change the types produce available (adding or removing items) as sales and harvesting proceeds during the day. If the Farmer sells out of carrots, for example, they will go to the Fresh.App and remove the carrots item from the list of available produce at their farm. Conversely, if the Farmer had just picked some corn and wanted to sell it, they would go to the Fresh.App and add corn as a new item for sale. If all the produce is sold for that day before the scheduled closing time, the Farmer can override the time and show farm gate stand as now "closed."

When the farm produce stand is open for business the  happy carrot symbol identifies the location of their Farm, and when closed the  sad carrot symbol will appear.



Customer Portal:

The Fresh.App offers the customer tools to show where the road-side farm gates are, when they are open, and what produce is for sale at that time.

Show Crops Tool:

The Fresh.App offers the user the ability to filter the type of produce and show only those road-side farm gates that have those products for sale at that time. Additionally, by just clicking on any Farm Gate location the customer can see information about the farmer and the produce for sale in real-time.

Interactive Map:

The fully functioning interactive map provides:

- A map showing where in Huron County Farmers are selling their produce at that moment.
- The user will interact with the map by clicking on the farmer's point icon to bring up information about the types of produce and what is available at that time
- A map directions tool is available to show the route to the farm from the customer's location.

Tools Common to Both Portals:

- Zoom In and Out
- Default Extent
- My Location
- Address Geocoding
- Base Map Gallery
- Share App to Social Media
- Route and Directions
- Legend – Show Legend
- Layer List – Turn off/on mapping layers
- Near Me Tool – Find the farm –gate road side produce stands near the user.

Carrot Icons modified in Adobe Illustrator from an icon created by *Freepik* from www.flaticon.com

Online Open-Source Huron County Mapping Layers used courtesy of Huron County.

