

Geocoding Field for Use in Dispatch

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Q. I am unable to see fields on maps in Dispatch or receive a Google link in Mobile Job Manager.

A. When tickets display in red in the Dispatch *Agronomy Work Order* grid and are not plotted on the maps, and/or Mobile Job Manager devices are not receiving the Google link for directions, a georeferenced point is not setup. Georeferencing, or geocoding, assigns a spatial point to represent where the field, tank, customer, or customer Ship To is located. These points allow maps to display the location of a field a ticket is referencing. Geocoding can be completed using the *Geocode Agvance Data* utility found at *Hub / Setup / Geocode Agvance Data*.

On the *Geocode Utility* window, select the *Type* of data to be geocoded, and filter for any additional information. Select **Get Records** to load the data into the grid. Optionally, geocode the data manually by selecting the row of data and use the **Find** button and *Zoom* function. When the desired area is found, right click on the location of the georeferenced point. If the data to be geocoded has a valid, recognizable address, select the **Calculate All Lat/Lons** button to automatically geocode the data and enter the *Accuracy* grade of the georeferenced addresses. If fields have boundaries in Agvance, the georeferencing can be calculated based on those boundaries. With latitudes and longitudes entered, select the **Save Lat/Lon to selected row** button to save the whole grid or highlight a row and select **Save Lat/Lon to selected row**.

Load the grid below with the type of data to be geocoded. Click on 'Calculate All Lat/Lons' to automatically geocode all data elements that are not coded. In order to change the coding of a data element simply click on that element and then locate the new location on the map that is presented. The 'Geo' column indicates the accuracy with which the utility was able to match the available address. A value of 'A' indicates the best success and a value of 'C' indicates the worst. A value of 'M' indicates a manual setting of the Lat/Lon.

	CustID	First Name	Last Name	Zip	Field ID	Field Desc
1	1Quote		1Quote		1	Corn Che...
2	1SmiJo	Joe	Smith		1FeedMx	1 Feed Mix
3	1CowBo	Bob	Cowgill		1FeedMx	1 Feed Mix
4	1CowBo	Bob	Cowgill		1FeedT...	1 Feed Te...
5	1SmiJo	Joe	Smith		1FeedT...	1 Feed Te...
6	1Quote		1Quote		2	Soybean...
7	2WinMa	Margret	Windmere		200-9	Section 9...
8	1Quote		1Quote		3	Wheat Ch...
9	1Quote		1Quote		4	Blend2St...
10	1Quote		1Quote		5	Blend2St...
11	1Quote		1Quote		6	Feed Tem...
12	1Quote		1Quote		7	Feed Mix...
13	1Quote		1Quote		8	Fertilizer...
14	1WheGa	Gary	Wheeler		ASNorth	Alice Shuf...
15	1WheGa	Gary	Wheeler		ASPatch	Alice Shuf...
16	1WheGa	Gary	Wheeler		ASPond	Alice Shuf...
17	1WheGa	Gary	Wheeler		Brookhar	Brookhart...
18	1WheGa	Gary	Wheeler		Campbell	Campbell...
19	1WheGa	Gary	Wheeler		Compton	Compton...
20	1WheGa	Gary	Wheeler		DeerCa...	Deer Cam...
21	1WheGa	Gary	Wheeler		DH01	Harris Bla...
22	1WheGa	Gary	Wheeler		DH06	Arross fr...

Type: Show just entries with no Lat/Lon
 Show just entries with Duplicate Lat/Lon
 Include "All" Fields

Fields Location: All
 Customers Salesperson: All

Buttons: Capture from Mapping, Calculate All Lat/Lons, Save Lat/Lons, Get Records, HUC 12, Cancel, Find, Save Lat/Lon to selected row

Map: Satellite view of Clarksburg, IA. Red pin on a field. Scale: 800 N, 2200 E.

Instructions: Please scroll or zoom until the Fields location needed is located on the screen to the left. Once you have located the proper location, click your right mouse button to select the Lat/Lon for the Fields location and then click the "Save Lat/Lon to selected row" button to store the Lat/Lon you have selected in the grid