



Confidence Mapping Service

Confidence Mapping

Process – Confidence Mapping is a process that will take 3 separate input maps of a field, merge them together, producing an average production map, maximum production map and a confidence map.

Input Maps – typically come from imagery or yield maps. Confidence mapping does not require all the maps to be from the same source (Example – using 2 imagery maps and 1 yield map).

Created Maps –

- **Average Productivity Map** is just that. It merges all 3 layers together giving you a summed average % for each pixel of the map.
- **Maximum Productivity Map** uses an algorithm to remove one year fluke events, showing the highest % a field can produce at each given pixel.
- **Confidence Map** tells you how consistent an area of the field will produce in a %.

Zone Creation - Grower input is required to confirm zones and set yield goals per zone. For variable rate fertilizer we do recommend zone soil sampling.

Apply Rates to Zones – once the soil samples come back, and yield goals have been set. We will use the preferred recommendation rates of the growers (typically University or Consultant recs) to come up with application rates per zone. We now have a generic application map that is ready to use with GK Technology VR software,

Writing Application Maps – most controllers need to go through a final process to be converted into the proper format for a given controller. Example would be converting a .bmp to a .tif file for Falcon and Falcon II controllers on many commercial spreaders.

Cost for Service

\$ 4.00 / ac*

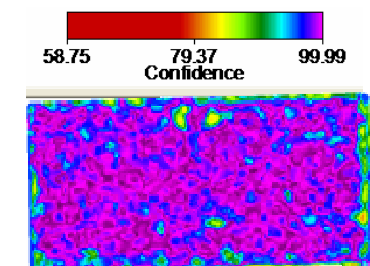
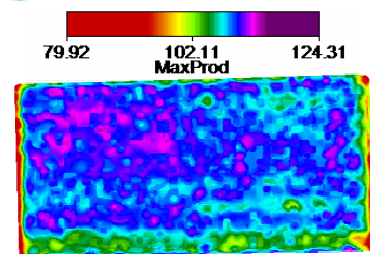
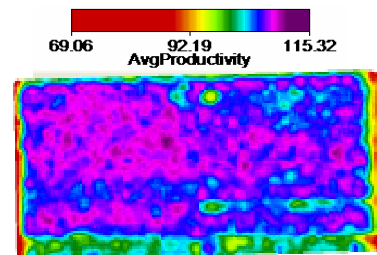
Cost breakdown

Zone Creation*
\$ 3.25 / acre

Applying Rates to Zones and
Writing App. Maps
\$ 0.75 / acre

Writing Application Maps
\$ 20 / field

* Additional charge may apply if images must be purchased



- Map example on back -