



VR Mapping Services

Variable Rate Mapping

Process - VR Mapping process in its simplest form is selecting your field location, creating a boundary, choosing a single input map to use, creating zones, applying rates to zones and finally writing an application map to your controller.

Variable Rate maps that can be produced -

Fertilizer single and multiple product, seeding rate, seeding variety, spray product, spray rate, lime, insecticide, seed treatments and many more.

Zone Creation – is the process of selecting an image to use to create management zones. Sources for these zones can come from Satellite or aerial images, Yield maps, veris maps, soils maps, topography maps or past grid data. Grower input is often recommended to confirm zones.

For variable rate fertilizer we do recommend zone soil sampling and setting zone yield goals.

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 .tiff file for Falcon and Falcon II controllers on many commercial spreaders.

Cost for Service

\$ 1.50 / ac*

Cost breakdown

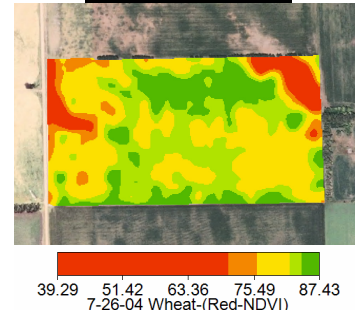
Zone Creation*
\$ 0.75 / acre

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

Sample Zones



Application Maps

