



Variable Rate Technology

Variable rate fertilizer application allows crop producers to apply different rates of fertilizer at each location across fields. The technology needed to accomplish variable rate fertilization includes an in-cab computer and software with a field zone application map, fertilizer equipment capable of changing rates during operation and the Global Positioning System (GPS). A site-specific approach allows growers to apply products only where they are needed in a field. Varying the application of inputs can reduce input and labor costs, maximize productivity, and reduces the impact over-application may have on the environment. Examples of VR applications for agriculture include fertilizer, lime, seeding and pesticides.