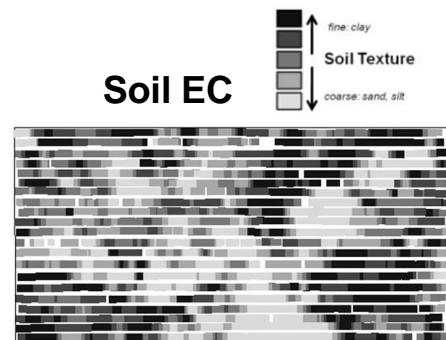


Product Bulletin

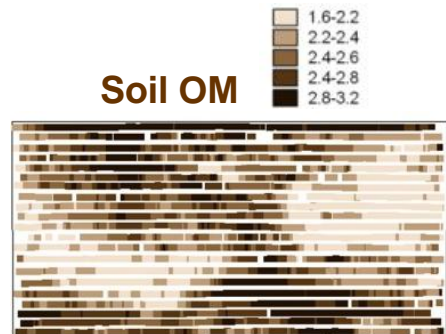
Map Three Critical Soil Properties On-the-Go— *Simultaneously*



Soil EC: Veris sensors map soil texture using soil electrical conductivity. Smaller soil particles such as clay conduct more current than larger silt and sand particles. The result? A precise soil texture map of your fields—more detailed than grids or a USDA soil survey. EC maps are being used worldwide for soil sampling zones and many precision practices.



Soil OM: The OpticMapper uses an optical sensor mounted within a specially configured planter row unit—mapping soil underneath crop residue and the soil surface. Soil measurements are acquired through a sapphire window on the bottom of a furrow 'shoe'. Soil OM relates closely to productivity, and is an excellent map for variable rate population and nitrogen.



Soil pH: Correcting soil pH is an important factor in crop production. Grid samples are simply not close enough to map pH variability accurately. Within many 2½ acre (1 ha) grids, there is a wide range of pH values, often ranging from soils that call for lime to soils that are already extremely high in pH. The solution? On-the-go pH sensing from Veris.

