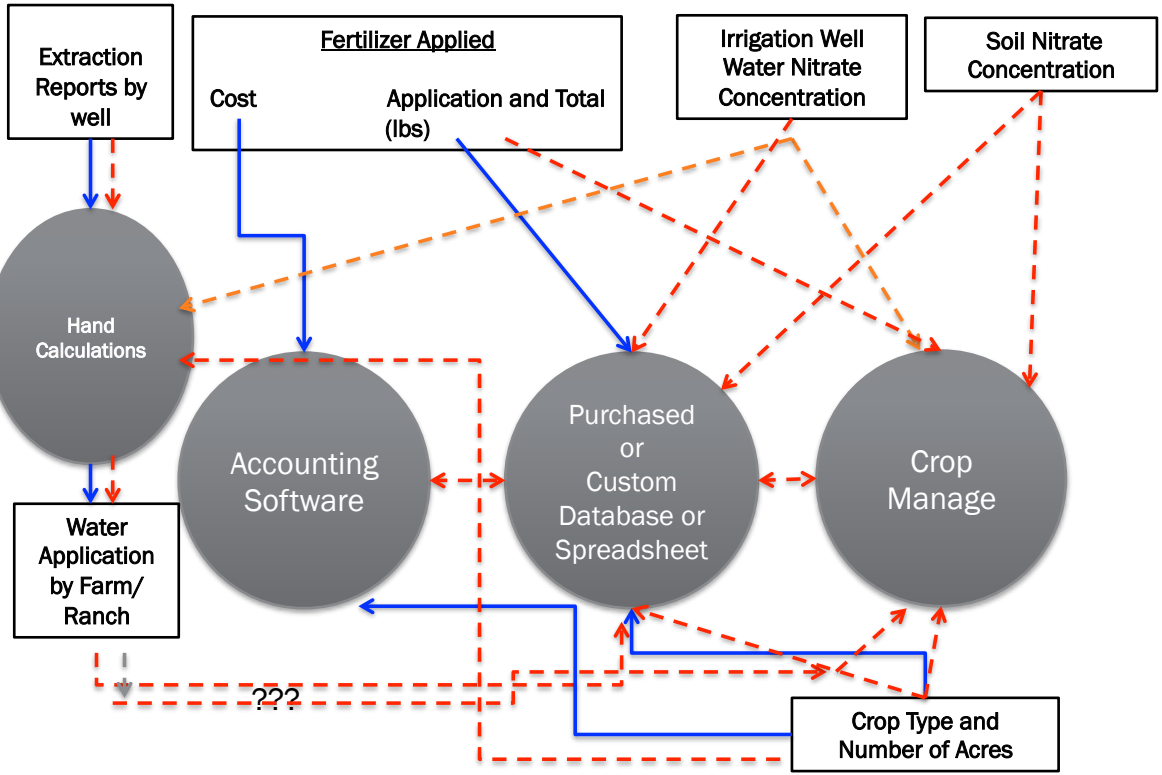Connecting the Dots