



**Rock River
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agricultural analysis

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SAME DAY MINERAL ANALYSIS BY XRF

IT IS NOW POSSIBLE TO GET 'WET CHEMICAL' MINERALS ON YOUR NIR SAMPLES ON THE SAME DAY AS YOUR OTHER RESULTS. ROCK RIVER LAB HAS INVESTED IN AN XRAY FLOURECENCE SPECTROMETER.

THIS INSTRUMENT EXPOSES THE SAMPLE TO X-RAYS, MINERALS IN THE SAMPLE EMIT RADIATION CHARACTERISTIC OF EACH SPECIFIC ELEMENT OF INTEREST. BASED ON THE INTENSITY OF RADIATION, THE CONCENTRATION OF EACH ELEMENT IS DETERMINED. THE INSTRUMENT WE HAVE PURCHASED WILL ANALYZE FOR CALCIUM, PHOSPHORUS, POTASSIUM, MAGNESIUM, SULFUR, SODIUM, AND CHLORIDE.

WE HAVE PERFORMED COMPARITIVE ANALYSIS USING THE XRAY AND OUR ICP METHOD. THE RESULTS ARE VERY RELIABLE AND ACCURATE. IF YOU HAVE ANY QUESTIONS PLEASE CONTACT DON AT 920-261-0446 OR DON_MEYER@ROCKRIVERLAB.COM.