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## MILK ♦ FORAGE ♦ BIO TESTING

# rumenation\*

## fermentation solutions

### RUMINAL IN VITRO FERMENTATION

Service Code	Description	Price (\$)
415	In vitro - Base Charge - 5- or 24-hr	36.30
416	In vitro- Base Charge - Custom Time Point	48.40

*In vitros are performed using freshly prepared rumen fluid from cannulated cows near our lab. Incubation is performed in a 39C water bath under consistent agitation and compared against rumen-only controls.*

*Includes IVTD plus either NDF or Starch Digestion; Price per sample per time point.*

*For best results, TMRs are preferable for analysis.*

*\*Ghost Hollow Consulting nutrition clients benefit from our proprietary fermentation packages in-house. Contact Kevin Jones to inquire: 208.308.8612 kevin@ghc.me*

### SOIL WET CHEMISTRY

#### 514 Soil Package E [Main Package] - Pure Water SME 60.00

*Includes Organic Matter, pH, Buffer pH (if applicable), Conductivity, NH4-N, NO3-N, Total N, C, Density. Also includes minerals using saturated media extract (SME)\* and ICP-OES. Minerals include P, Ca, Na, K, S, B, Cu, Fe, Mn, with Cation Exchange Capacity (C.E.C.) and Base Saturation calculations, including Soil type estimation from the C.E.C.*

#### ADD-ONS

515	Soil Texture/Particle-Size Analysis	35.00
516	Soil Chloride	11.00

#### MAIN PACKAGE VARIATIONS

512	Soil Package C - Total Minerals by Digestion	70.00
513	Soil Package D - Irrigation SME	35+60/ea

*For the 513, provide 250 mL water per soil sample, or about 1 gallon per 15 samples.*

510	Package A - 512 & 513 (save \$35 per sample)	35+95/ea
511	Package B - 512 & 514 (save \$35 per sample)	95.00

*\*Pure water SME may need to be correlated to Mehlich, Olsen, AA, & DTPA. Consult your agronomist.*

For questions or further details contact Jaycee, our Wet Chem Lab Manager.