



# Denele Analytical Inc.

1232 South Ave, Turlock CA 95380  
 Phone #: (209) 634-9055 Fax #: (209) 634-9057



## You Grow It, We Test It! 2018 Feed Pricing

### NIR PACKAGES – 4 Hour Analysis

|   | <u>HAY</u> | <u>SILAGE</u> |
|---|------------|---------------|
| <b><u>NIR DCAD</u></b>  |            |               |
| Moisture, Crude Protein, ADF, NDF, Lignin, TDN,<br>NEL, Ca, P, Potassium, Mg, (Na, S, Cl & DCAD on hay &<br>Corn Silage Only) | \$20       | \$23          |
| <b><u>NIR Moisture Analysis</u></b>   | \$15       | \$15          |
| Moisture and Dry Matter   |            |               |

### WET CHEMISTRY – 4 Day Analysis

|  | <u>Price</u> |
|--|--------------|
| <b><u>WET CHEM Moisture Analysis</u></b>   |              |
| Moisture and Dry Matter  | \$17         |
| <b><u>WET CHEM DCAD</u></b>  |              |
| Wet Chem Basic + Ca, Mg, Na, K, P, S, Cl, Zn, Fe, Cu, DCAD,<br>If possible, - NEL, TDN | \$37         |
| <b><u>WET CHEM BASIC</u></b>   |              |
| Moisture, Crude Protein, ADF, NDF, TDN, NEL  | \$32         |
| <b><u>PROXIMATE ANALYSIS</u></b>   |              |
| Moisture, Crude Protein, Fat, Crude Fiber, Ash   | \$42         |
| <b><u>Invitro Package</u></b>  |              |
| Moisture, Crude Protein, ADF, NDF, Fat, OM, NEL, TDN                                   | \$29         |
| <b><u>Almond Hull Wet Chemistry</u></b>  |              |
| Ash, Crude Fiber, Moisture, Acid Detergent Fiber, Lignin                               | \$38         |
| <b><u>WET CHEM DCAD Minerals</u></b>   |              |
| Ca, P, K, Mg, Na, B, Zn, Cu, Mn, Fe, S., CL, Moisture                                  | \$31         |
| <b><u>Additional Analysis</u></b>  |              |
| Ash  | \$29         |
| Crude Fiber  | \$31         |
| Crude Protein  | \$26         |
| Fat  | \$28         |
| GMO  | \$62         |
| Nitrates   | \$26         |
| Sugar and Starch   | \$69         |
| Starch   | \$29         |
| Yeasts and Mold  | \$28         |
| In-Vitro Package   | \$17         |

## 2018 Denele Analytical Inc. Compliance Pricing

### Domestic & Ag Well/Irrigation/Ground Water

|                              |     |  |       |
|------------------------------|-----|--|-------|
| Domestic and Ag Wells        | H1  | EC, NO3-N, NH4-N                                       | \$44  |
| Irrigation Water             | H6  | EC, TN, TDS  | \$65  |
| Irrigation Water Combination | H7  | Combination of H1 & H6                                 | \$88  |
| Domestic and Ag Wells        | H14 | EC, NO3-N, NH4-N, Ca, Mg<br>Bicarb, Carb, SO4, Cl, TDS | \$135 |

### Processed Waste Water

|                                 |    |                                      |       |
|---------------------------------|----|--------------------------------------|-------|
| Process Waste Water             | H3 | EC, NH4-N, TKN, TP, K, TDS           | \$72  |
| Process Waste Water-Aerated     | H4 | EC, NH4-N, NO3-N, TKN,<br>TP, K, TDS | \$98  |
| Process Waste Water - Minerals  | H5 | Ca, Mg, Na, Bicarb, SO4, Cl          | \$82  |
| Process Waste Water Combination | H8 | Combination of H3 & H4               | \$129 |
| Process Waste Water Combination | H9 | Combination of H4 & H5               | \$153 |

### Tile Drain

|            |    |                           |      |
|------------|----|---------------------------|------|
| Tile Drain | H2 | EC, NO3-N, TP, NH4-N, TDS | \$77 |
|------------|----|---------------------------|------|

### Discharge Water

|   |    |  |       |
|---|----|--|-------|
| Discharge Water                               | E1 | EC, Temp, pH, NO3-N, NH3-N, NH4-N, TKN, TP,<br>K, TDS, Dissolved Oxygen, BOD 5, TSS,<br>Total and Fecal Coliform | \$189 |
| Storm Water Discharge from<br>Production Area | E2 | EC, Temp, pH, NO3-N, NH3-N, NH4-N, TP,<br>Turbidity, Dissolved Oxygen, Total and Fecal<br>Coliform               | \$164 |
| Tail Water                                    | E3 | EC, Temp, pH, NO3-N, NH3-N, NH4-N, TP,<br>Total and Fecal Coliform   | \$150 |
| Storm Water from Land<br>Application          | E4 | EC, Temp, pH, NO3-N, NH3-N, NH4-N, TP,<br>Turbidity, TP, Total and Fecal Coliform                                | \$153 |

### Manure

|                            |    |  |       |
|----------------------------|----|--|-------|
| Manure Export              | M1 | % Moisture                             | \$17  |
| Manure On-Site             | M3 | TN, TP, K, % Moisture                  | \$53  |
| Manure On-Site Minerals    | M4 | Ca, Mg, NA, Bicarb, Carb, SO4, Cl, Ash | \$82  |
| Manure On-Site Combination | M7 | Combination of M3 and M4               | \$105 |

### Plant Tissue

|  |      |   |      |
|--|------|---|------|
| Plant Tissue   | F18  | % Moisture, Ash, TN, P, K, and DM as received               | \$60 |
| Plant Tissue (\$60)<br>+ NIR DCAD (\$20)                       | F18+ | % Moisture, Ash, TN, P, K, and DM as received<br>+ NIR DCAD | \$80 |
| Plant Tissue (\$38) +<br>Complete Plant Tissue Analysis (\$37) | F19+ | % Moisture, TN + Complete Plant Tissue Analysis             | \$75 |

### Soil

|                  |    |  |      |
|------------------|----|--|------|
| Soil - Summer    | K3 | Soluble Phosphorus   | \$35 |
| Soil - Spring    | K4 | 1 ft. NO3, Organic Matter                                  | \$33 |
| Soil             | K5 | Pre-Plant (2ft NO3), Fall (1-2ft NO3),<br>Fall (2-3ft NO3) | \$29 |
| Soil - Fall      | K6 | 0-1ft, EC, NO3, Soluble P, K, Organic Matter               | \$57 |
| Soil Combination | K7 | Combination of K3&K4                                       | \$61 |
| Soil Combination | K8 | Combination of K3&K5                                       | \$54 |

\*Prices subject to change without notice. Revised 2018

## 2018 Denele Analytical, Inc. Ag Pricing

|  |          |
|--|----------|
| <b>COMPLETE SOIL ANALYSIS</b>  | \$44.00  |
| Carbonates, Soluble Salts, Percolation, pH, E.C.e., Nitrate Nitrogen, Phosphorus, Potassium, Calcium, Magnesium, Sodium, Boron, Zinc, Iron, Copper, Manganese, Sulfate Sulfur, Cation Exchange, Base Saturation (Calcium, Magnesium, Potassium, Sodium), Saturation Extract Analysis and Fertilizer recommendations for Nitrogen, Phosphate, Potash, Boron, Zinc, Manganese, Copper, Sulfur, Gypsum and Lime |          |
| <b>Partial:</b> Nitrate Nitrogen, Phosphorus and Potassium   | \$33.00  |
| <b>COMPLETE LEAF AND PETIOLE ANALYSIS</b>  | \$39.00  |
| Total Nitrogen or Nitrate Nitrogen, Phosphorus, Potassium, Calcium, Magnesium, Sodium, Boron, Zinc, Iron, Copper, Manganese, Sulfur  |          |
| <b>Partial:</b> Nitrate Nitrogen, Phosphorus and Potassium   | \$33.00  |
| <b>COMPLETE IRRIGATION / WELL WATER ANALYSIS</b>   | \$45.00  |
| pH, E.C.w., Soluble Salts, Calcium, Magnesium, Sodium, Chloride, Sulfate Sulfur, Potassium, Carbonates, BiCarbonates, Boron, Nitrate Nitrogen, Sodium Absorption Ratio (SAR), Adjusted SAR and Exchangeable Sodium Percent   |          |
| <b>Partial:</b> Nitrate Nitrogen, Phosphorus and Potassium   | \$33.00  |
| <b>COMPLETE LAGOON ANALYSIS</b>  | \$54.00  |
| Total Kjeldahl Nitrogen, Ammonium Nitrogen, Phosphorus, Potassium, Calcium, Magnesium, Sodium, Boron, pH and ECE   |          |
| <b>Partial:</b> Total Kjeldahl Nitrogen, Ammonium Nitrogen, Phosphorus and Potassium   | \$39.00  |
| <b>LIVESTOCK WATER SUITABILITY ANALYSIS</b>  | \$83.50  |
| pH, ECW, Soluble Salts, Calcium, Magnesium, Chloride, Sulfate Sulfur, Potassium, Carbonates, BiCarbonates, Boron, Nitrate Nitrogen, Sodium Absorption Ratio (SAR), adjusted SAR and Exchangeable Sodium percent  |          |
| <b>POTABLE WATER</b>   |          |
| Bacteria reported as positive or negative + Nitrate Nitrogen   | \$50.00  |
| <b>WATER BACTERIA</b>  |          |
| Ecoli and Coliform - Present/Absent  | \$30.00  |
| Ecoli and Coliform - Enumeration   | \$55.00  |
| Ecoli + Total Coliform and Fecal   | \$90.00  |
| * Needed: Regular sampling bottle and Specific Bacteria Bottle   |          |
| * Samples must be dropped off within 6 hours of sampling time  |          |
| <b>COMPLETE MANURE/COMPOST ANALYSIS</b>  | \$50.00  |
| pH, Total Nitrogen, Phosphorus, Potassium, Sulfur, Calcium, Magnesium, Sodium, Boron, Zinc, Iron, Manganese, Copper, Soluble Salts, Organic Matter and Moisture.   |          |
| <b>Partial:</b> Total Nitrogen, Phosphorus, Potassium  | \$35.00  |
| <b>OLIVE OIL ANALYSIS:</b>   |          |
| PANEL A - Peroxide, Free Fatty Acid, UV (incls 232, 270 and Delta K)   | \$88.00  |
| <b>COMPLETE FERTILIZER ANALYSIS</b>  | \$150.00 |
| pH, Nitrate Nitrogen, Calcium, Magnesium, Sodium, Potassium, Boron, Phosphorus, Sulfur and Total Nitrogen  |          |
| <b>Partial:</b> N+P+K  | \$75.00  |
| N or P or K  | \$32.00  |

### OTHER ANALYSIS

|                              |         |                                       |                |                         |         |
|------------------------------|---------|---------------------------------------|----------------|-------------------------|---------|
| ADF                          | \$26.00 | Herbicide testing                     | call for quote | Starch and Sugar        | \$69.00 |
| Alkalinity                   | \$31.00 | Kernal Count                          | \$26.00        | Sugar                   | \$45.00 |
| Anarobic/Aerobic Plate Count | \$28.00 | Lignin                                | \$29.00        | Texture (soil)*         | \$21.00 |
| Arsenic                      | \$35.00 | Listeria                              | \$63.00        | TKN or TN               | \$26.00 |
| Ash*                         | \$26.00 | Moisture                              | \$17.00        | Total Coliform          | \$27.00 |
| BOD5                         | \$40.00 | Nematodes                             | \$63.00        | Total Dissolved Solids* | \$26.00 |
| Boron                        | \$25.00 | NH4-N or NH3-N                        | \$26.00        | Total Nitrogen          | \$26.00 |
| Buffer pH*                   | \$10.00 | NIR DCAD Hay                          | \$20.00        | Total Phosphorus        | \$31.00 |
| C:N Ratio*                   | \$29.00 | NIR DCAD Silage                       | \$23.00        | Total Suspended Solids  | \$25.00 |
| CBOD                         | \$44.00 | Nitrate Nitrogen or Nitrate           | \$26.00        | Turbidity               | \$21.00 |
| Chlorides, Chlorine*         | \$26.00 | N-Phuric Curve                        | \$37.00        | Water hardness          | \$28.00 |
| Crude Fiber                  | \$31.00 | Organic Matter*                       | \$26.00        |                         |         |
| Crude Protein                | \$26.00 | pH                                    | \$18.00        |                         |         |
| Dissolved Oxygen             | \$26.00 | Phytophera or Pythium or Verticillium | \$54.00        |                         |         |
| E. Coli                      | \$28.00 | Phytoxicity                           | \$33.00        |                         |         |
| Fat                          | \$29.00 | Potassium Release/Fixation            | \$33.00        |                         |         |
| Fecal                        | \$44.00 | Purity                                | \$21.00        |                         |         |
| Field Sampling               | \$40.00 | Seed count                            | \$23.00        |                         |         |
| Free Lime *                  | \$17.00 | Staphylococcus                        | \$38.00        |                         |         |
| Germination                  | \$31.00 | Starch                                | \$29.00        |                         |         |

*Other packages available:  
Nuts, Feeds and Dairy Compliance  
see separate price sheets*

*\*Prices subject to change without notice.  
Revised 2018*