

A & L WESTERN AGRICULTURAL LABORATORIES

10220 SW NIMBUS AVE Bldg K-9 | PORTLAND OREGON 97223 | (503) 968-9225 | FAX (503) 598-7702



REPORT NUMBER: 13-064-087

CLIENT NO: 5048

SEND TO: CLALLAM CONSERVATION DISTRICT
1601 E FRONT ST BLDG STE A
PORT ANGELES, WA 98362

GROWER: LAUREL MOULTON

SUBMITTED BY: BETH LOVERIDGE

Graphical Soil Analysis Report

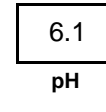
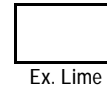
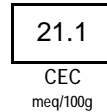
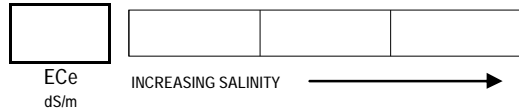
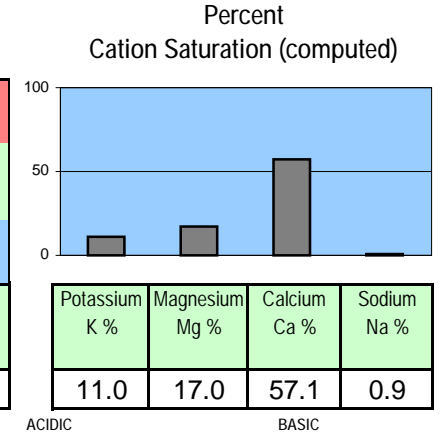
DATE OF REPORT: 03/11/13

LAB NO: 58252

SAMPLE ID: LAM13

PAGE: 1

| Very High | [Red background] | | | | | | | | | | | | | | |
|-----------|--------------------|---------------------------------|--------------------------|--------------------------------------|-----------------|------------------|----------------|---------------|-------------------------------|-------------|------------------|-------------|---------------|-------------|-----------------|
| High | [Red background] | | | | | | | | | | | | | | |
| Medium | [Green background] | | | | | | | | | | | | | | |
| Low | [Blue background] | | | | | | | | | | | | | | |
| Very Low | [Blue background] | | | | | | | | | | | | | | |
| Analyte | Organic Matter % | Nitrogen NO ₃ -N ppm | Phosphorus Weak Bray ppm | Phosphorus NaHCO ₃ -P ppm | Potassium K ppm | Magnesium Mg ppm | Calcium Ca ppm | Sodium Na ppm | Sulfur SO ₄ -S ppm | Zinc Zn ppm | Manganese Mn ppm | Iron Fe ppm | Copper Cu ppm | Boron B ppm | Chloride Cl ppm |
| Results | 19.4 | 18 | 256 | 166 | 910 | 436 | 2417 | 43 | 7 | | | | | | |



NaHCO₃-P unreliable at this soil pH

Soil Fertility Guidelines

CROP: VEGETABLES

RATE: lb/1000 sq ft

NOTES:

| Dolomite 100 score | Lime 100 score | Gypsum | Elemental Sulfur | Nitrogen N | Phosphate P ₂ O ₅ | Potash K ₂ O | Magnesium Mg | Sulfur SO ₄ -S | Zinc Zn | Manganese Mn | Iron Fe | Copper Cu | Boron B |
|--------------------|----------------|--------|------------------|------------|---|-------------------------|--------------|---------------------------|---------|--------------|---------|-----------|---------|
| | 140 | | | 1.5 | | | | 0.6 | | | | | |

C PRIOR TO PLANTING: Spread the above requirements per 1000 sq ft and mix into the top 6 inches of soil.
O Initially, limit nitrogen to 25-30 ppm NO₃-N or 1.5 lb N/1000 sq ft, to avoid salt damage.
M POTASSIUM in excess, may affect drainage and antagonize the uptake of calcium, leading to calcium deficiency disorders/poor quality. Hold back on further applications for now.
E SPLIT any extra nitrogen evenly over the active growing season. Adjust rate according to local conditions and requirements. Allow for adequate establishment first (up to 30 days).
N PLEASE REFER to previous comments for remaining report.
S

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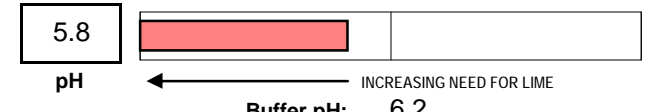
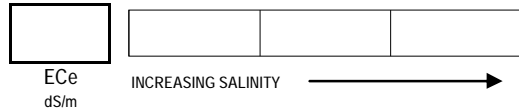
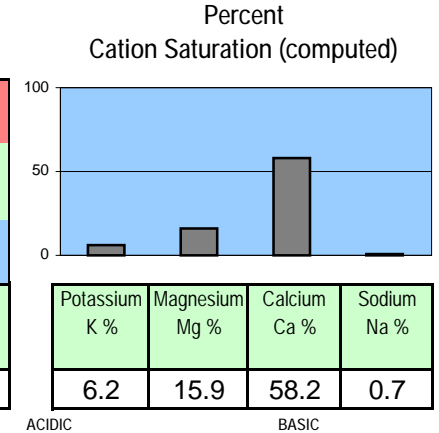
DATE OF REPORT: 03/11/13

LAB NO: 58253

SAMPLE ID: CAT13

PAGE: 2

| Analyte | Organic Matter % | Nitrogen NO ₃ -N ppm | Phosphorus Weak Bray ppm | Phosphorus NaHCO ₃ -P ppm | Potassium K ppm | Magnesium Mg ppm | Calcium Ca ppm | Sodium Na ppm | Sulfur SO ₄ -S ppm | Zinc Zn ppm | Manganese Mn ppm | Iron Fe ppm | Copper Cu ppm | Boron B ppm | Chloride Cl ppm |
|---------|------------------|---------------------------------|--------------------------|--------------------------------------|-----------------|------------------|----------------|---------------|-------------------------------|-------------|------------------|-------------|---------------|-------------|-----------------|
| Results | 14.5 | 6 | 198 | 120 | 459 | 366 | 2204 | 29 | 5 | | | | | | |



NaHCO₃-P unreliable at this soil pH

Soil Fertility Guidelines

CROP: VEGETABLES

RATE: lb/1000 sq ft

NOTES:

| Dolomite 100 score | Lime 100 score | Gypsum | Elemental Sulfur | Nitrogen N | Phosphate P ₂ O ₅ | Potash K ₂ O | Magnesium Mg | Sulfur SO ₄ -S | Zinc Zn | Manganese Mn | Iron Fe | Copper Cu | Boron B |
|--------------------|----------------|--------|------------------|------------|---|-------------------------|--------------|---------------------------|---------|--------------|---------|-----------|---------|
| | 160 | | | 3.1 | | | | 0.6 | | | | | |

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