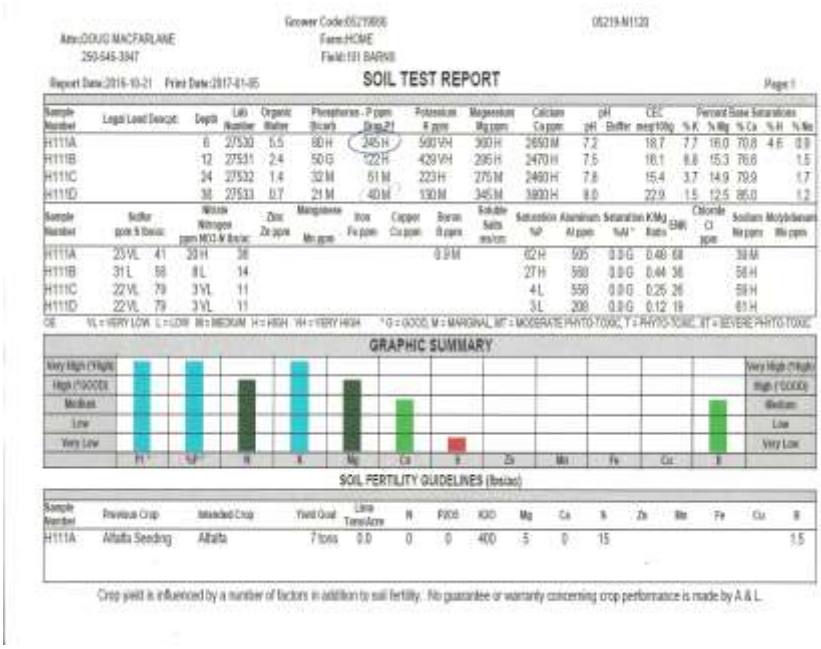
Appendix 2.

HS Jansen and Sons 2017 Nutrient Management Plan - Fall 2016 PHNT Soil Data

Field 101 Barns



Grower Code:05219868 05219-N1120

Attn:DOUG MACFARLANE
250-546-3847

Farm:HOME
Field:101 BARNS

Report Date:2016-10-21 Print Date:2017-01-05

SOIL TEST REPORT

Page:1

Sample Number	Legal Land Descpt.	Depth	Lab Number	Organic Matter	Phosphorus - P ppm Bicarb	Phosphorus - P ppm Bray-P1	Potassium K ppm	Magnesium Mg ppm	Calcium Ca ppm	pH	pH Buffer	CEC meq/100g	Percent Base Saturations %K	%Mg	%Ca	%H	%Na
H111A		6	27530	5.5	60 H	245 H	560 VH	360 H	2650 M	7.2		18.7	7.7	16.0	70.8	4.6	0.9
H111B		12	27531	2.4	50 G	122 H	429 VH	295 H	2470 H	7.5		18.1	8.8	15.3	76.6		1.5
H111C		24	27532	1.4	32 M	51 M	223 H	275 M	2490 H	7.8		15.4	3.7	14.9	79.9		1.7
H111D		36	27533	0.7	21 M	40 M	130 M	345 M	3800 H	8.0		22.9	1.5	12.5	86.0		1.2

Sample Number	Sulfur ppm S lbs/ac	Nitrate Nitrogen ppm NO3-N lbs/ac	Zinc Zn ppm	Manganese Mn ppm	Iron Fe ppm	Copper Cu ppm	Boron B ppm	Soluble Salts mmhos/cm	Saturation %P	Aluminum Al ppm	Saturation %Al *	K/Mg Ratio	EMK	Chloride Cl ppm	Sodium Na ppm	Molybdenum Mo ppm
H111A	23 VL 41	39 H 38					0.9 M		62 H	595	0.0 G	0.49	68		39 M	
H111B	31 L 58	8 L 14							27 H	568	0.0 G	0.44	36		56 H	
H111C	22 VL 79	3 VL 11							4 L	558	0.0 G	0.25	26		59 H	
H111D	22 VL 79	3 VL 11							3 L	208	0.0 G	0.12	19		61 H	

OE VL = VERY LOW L = LOW M = MEDIUM H = HIGH VH = VERY HIGH * G = GOOD, M = MARGINAL, MT = MODERATE PHYTO-TOXIC, T = PHYTO-TOXIC, ST = SEVERE PHYTO-TOXIC

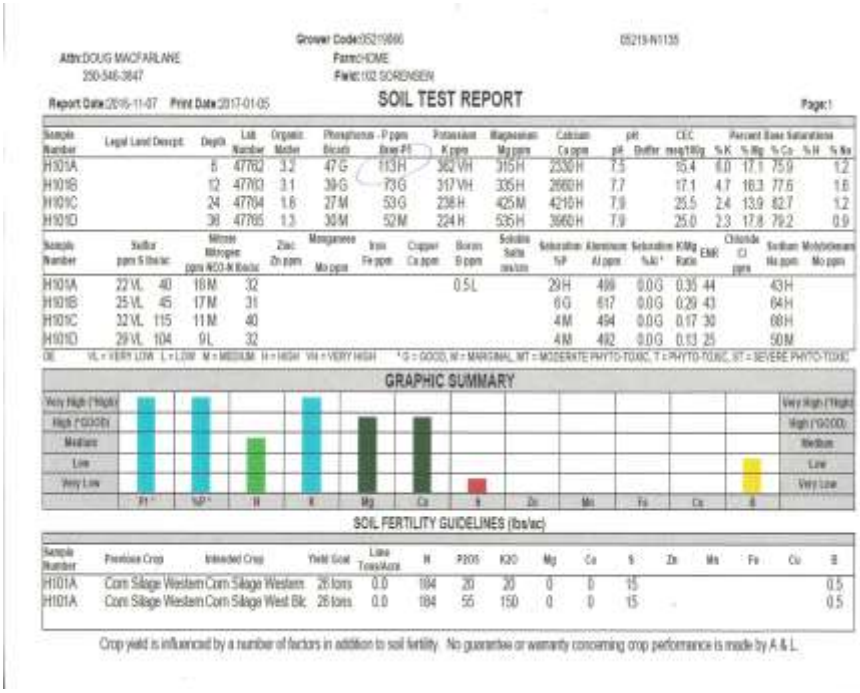
GRAPHIC SUMMARY

SOIL FERTILITY GUIDELINES (lbs/ac)

Sample Number	Previous Crop	Intended Crop	Yield Goal	Lime Tons/Acre	N	P2O5	K2O	Mg	Ca	S	Zn	Mn	Fe	Cu	B
H111A	Alfalfa Seeding	Alfalfa	7 tons	0.0	0	0	400	5	0	15					1.5

Crop yield is influenced by a number of factors in addition to soil fertility. No guarantee or warranty concerning crop performance is made by A & L.

Field 102 Sorensen



Grower Code:05219868 05219-N1135

Attn:DOUG MACFARLANE
250-546-3847

Farm:HOME
Field:102 SORENSEN

Report Date:2016-11-07 Print Date:2017-01-05

SOIL TEST REPORT

Page:1

Sample Number	Legal Land Descpt.	Depth	Lab Number	Organic Matter	Phosphorus - P ppm Bicarb	Phosphorus - P ppm Bray-P1	Potassium K ppm	Magnesium Mg ppm	Calcium Ca ppm	pH	pH Buffer	CEC meq/100g	Percent Base Saturations %K	%Mg	%Ca	%H	%Na
H101A		6	47762	3.2	47 G	113 H	362 VH	315 H	2330 H	7.5		15.4	6.0	17.1	75.9		1.2
H101B		12	47763	3.1	39 G	73 G	317 VH	335 H	2660 H	7.7		17.1	4.7	16.3	77.6		1.6
H101C		24	47764	1.6	27 M	53 G	238 H	425 M	4210 H	7.9		25.5	2.4	13.9	82.7		1.2
H101D		36	47765	1.3	30 M	52 M	224 H	535 H	3660 H	7.9		25.0	2.3	17.8	79.2		0.9

Sample Number	Sulfur ppm S lbs/ac	Nitrate Nitrogen ppm NO3-N lbs/ac	Zinc Zn ppm	Manganese Mn ppm	Iron Fe ppm	Copper Cu ppm	Boron B ppm	Soluble Salts mmhos/cm	Saturation %P	Aluminum Al ppm	Saturation %Al *	K/Mg Ratio	EMK	Chloride Cl ppm	Sodium Na ppm	Molybdenum Mo ppm
H101A	22 VL 40	16 M 32					0.5 L		29 H	489	0.0 G	0.35	44		43 H	
H101B	25 VL 45	17 M 31							6 G	617	0.0 G	0.29	43		64 H	
H101C	32 VL 115	11 M 40							4 M	494	0.0 G	0.17	30		68 H	
H101D	29 VL 104	9 L 32							4 M	492	0.0 G	0.13	25		50 M	

OE VL = VERY LOW L = LOW M = MEDIUM H = HIGH VH = VERY HIGH * G = GOOD, M = MARGINAL, MT = MODERATE PHYTO-TOXIC, T = PHYTO-TOXIC, ST = SEVERE PHYTO-TOXIC

GRAPHIC SUMMARY

SOIL FERTILITY GUIDELINES (lbs/ac)

Sample Number	Previous Crop	Intended Crop	Yield Goal	Lime Tons/Acre	N	P2O5	K2O	Mg	Ca	S	Zn	Mn	Fe	Cu	B
H101A	Corn Silage Western	Corn Silage Western	26 tons	0.0	184	20	20	0	0	15					0.5
H101A	Corn Silage Western	Corn Silage West Blc	26 tons	0.0	184	55	150	0	0	15					0.5

Crop yield is influenced by a number of factors in addition to soil fertility. No guarantee or warranty concerning crop performance is made by A & L.

Field 103A North

Grower Code:05219066 05219-N1124

Attn:DOUG MACFARLANE
250-546-3847

Farm:HOME
Field:103A (NORTH)

Report Date:2016-10-21 Print Date:2017-01-05

SOIL TEST REPORT

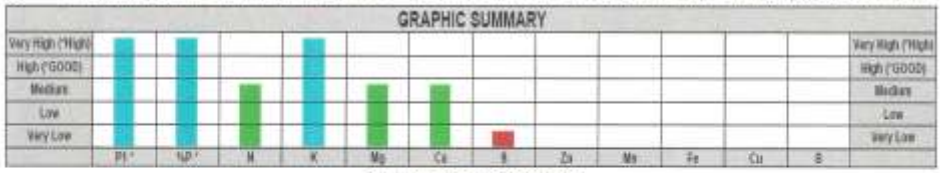
Page:1

Sample Number	Depth	Lab Number	Organic Matter	Phosphorus - P ppm Bicarb	Phosphorus - P ppm Bray-P1	Potassium K ppm	Magnesium Mg ppm	Calcium Ca ppm	pH	pH Buffer	CEC meq/100g	Percent Base Saturations %K	%Mg	%Ca	%H	%Na
H11A	6	27542	5.0	62 H	183 H	319 VH	250 M	2370 M	7.1		16.3	5.0	12.8	72.6	8.9	0.7
H11B	12	27543	3.2	52 H	109 H	182 H	265 M	2560 H	7.2		16.4	2.8	13.4	77.9	4.6	1.3
H11C	24	27544	1.6	15 L	20 VL	59 L	85 M	800 H	7.5		5.0	3.1	14.3	80.7		2.1
H11D	36	27545	0.8	18 L	28 L	133 M	205 H	1710 H	7.7		10.8	3.2	15.8	79.3		1.9

Sample Number	Sulfur ppm S lbs/ac	Nitrate Nitrogen ppm NO3-N lbs/ac	Zinc Zn ppm	Manganese Mn ppm	Iron Fe ppm	Copper Cu ppm	Boron B ppm	Soluble Salts mmhos/cm	Saturation %P	Aluminum Al ppm	Saturation %Al *	K/Mg Ratio	EMR	Chloride Cl ppm	Sodium Na ppm	Molybdenum Mo ppm
H11A	14 VL 25	14 M 25							44 H	472	0.0 G	0.39	63		27 M	
H11B	25 L 45	5 L 9							9 G	586	0.0 G	0.21	44		48 H	
H11C	10 L 36	3 VL 11							2 VL	239	0.0 G	0.22	28		24 VH	
H11D	20 L 72	2 VL 7							2 VL	552	0.0 G	0.20	20		48 VH	

OE VL = VERY LOW L = LOW M = MEDIUM H = HIGH VH = VERY HIGH * G = GOOD, M = MARGINAL, MT = MODERATE PHYTO-TOXIC, T = PHYTO-TOXIC, ST = SEVERE PHYTO-TOXIC

GRAPHIC SUMMARY



SOIL FERTILITY GUIDELINES (lbs/ac)

Sample Number	Previous Crop	Intended Crop	Yield Goal	Lime Tons/Acre	N	P2O5	K2O	Mg	Ca	S	Zn	Mn	Fe	Cu	B
H11A	Alfalfa	Alfalfa	7 tons	0.0	0	0	400	10	0	20					

Crop yield is influenced by a number of factors in addition to soil fertility. No guarantee or warranty concerning crop performance is made by A & L

Field 103A South

Grower Code:05219066 05219-N1123

Attn:DOUG MACFARLANE
250-546-3847

Farm:HOME
Field:103A(SOUTH)

Report Date:2016-10-21 Print Date:2017-01-05

SOIL TEST REPORT

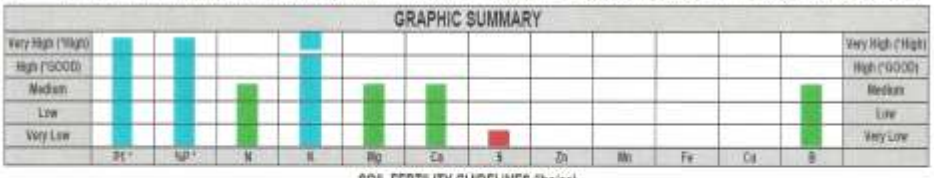
Page:1

Sample Number	Depth	Lab Number	Organic Matter	Phosphorus - P ppm Bicarb	Phosphorus - P ppm Bray-P1	Potassium K ppm	Magnesium Mg ppm	Calcium Ca ppm	pH	pH Buffer	CEC meq/100g	Percent Base Saturations %K	%Mg	%Ca	%H	%Na
H21A	6	27534	4.0	60 G	174 H	316 VH	225 M	1870 M	7.1		13.3	6.1	14.1	70.2	8.9	0.7
H21B	12	27535	1.9	52 G	118 G	313 VH	215 H	1820 H	7.3		11.8	6.8	15.1	76.9		1.4
H21C	24	27536	1.0	22 L	44 M	169 H	200 H	1510 H	7.5		9.8	4.4	16.9	76.7		2.2
H21D	36	27537	0.4	16 L	23 VL	78 M	170 H	1070 M	7.9		7.2	2.8	19.8	74.7		3.0

Sample Number	Sulfur ppm S lbs/ac	Nitrate Nitrogen ppm NO3-N lbs/ac	Zinc Zn ppm	Manganese Mn ppm	Iron Fe ppm	Copper Cu ppm	Boron B ppm	Soluble Salts mmhos/cm	Saturation %P	Aluminum Al ppm	Saturation %Al *	K/Mg Ratio	EMR	Chloride Cl ppm	Sodium Na ppm	Molybdenum Mo ppm
H21A	14 VL 25	18 M 32					0.6 M		52 H	434	0.1 G	0.43	52		22 M	
H21B	16 VL 29	4 VL 7							24 H	635	0.1 G	0.45	31		39 H	
H21C	16 VL 58	3 VL 11							10 G	587	0.1 G	0.26	22		50 VH	
H21D	10 VL 36	1 VL 4							8 L	369	0.0 G	0.14	15		49 VH	

OE VL = VERY LOW L = LOW M = MEDIUM H = HIGH VH = VERY HIGH * G = GOOD, M = MARGINAL, MT = MODERATE PHYTO-TOXIC, T = PHYTO-TOXIC, ST = SEVERE PHYTO-TOXIC

GRAPHIC SUMMARY



SOIL FERTILITY GUIDELINES (lbs/ac)

Sample Number	Previous Crop	Intended Crop	Yield Goal	Lime Tons/Acre	N	P2O5	K2O	Mg	Ca	S	Zn	Mn	Fe	Cu	B
H21A	Alfalfa	Alfalfa	7 tons	0.0	0	0	400	5	0	15					2.0

Crop yield is influenced by a number of factors in addition to soil fertility. No guarantee or warranty concerning crop performance is made by A & L

Field 103B East

Grower Code:05219066 05219-N1121

Attn:DOUG MACFARLANE
250-546-3847

Farm:HOME
Field:103B(EAST)

Report Date:2016-10-21 Print Date:2017-01-05

SOIL TEST REPORT

Page:1

Sample Number	Legal Land Descpt	Depth	Lab Number	Organic Matter	Phosphorus - P ppm Bicarb	Bray-P1	Potassium K ppm	Magnesium Mg ppm	Calcium Ca ppm	pH	pH Buffer	CEC meq/100g	Percent Base Saturations % K	% Mg	% Ca	% H	% Na
H51A		6	27526	5.1	60 H	217 H	367 VH	270 M	2360 M	7.2		16.0	6.2	14.1	74.4	4.6	0.7
H51B		12	27527	2.8	59 G	183 H	373 VH	265 H	2030 H	7.3		13.5	7.1	16.4	75.4		1.3
H51C		24	27528	1.1	30 M	58 M	295 VH	225 H	1330 M	7.5		9.4	8.0	19.9	70.4		1.9
H51D		36	27529	0.4	20 L	38 L	219 VH	190 H	1120 M	7.7		7.9	7.1	20.0	70.5		2.6

Sample Number	Sulfur ppm S lbs/ac		Nitrate Nitrogen ppm NO3-N lbs/ac		Zinc Zn ppm	Manganese Mn ppm	Iron Fe ppm	Copper Cu ppm	Boron B ppm	Soluble Salts mmhos/cm	Saturation %P	Aluminum Al ppm	Saturation %Al *	K/Mg Ratio	ENR	Chloride Cl ppm	Sodium Na ppm	Molybdenum Mo ppm
H51A	13 VL	23	13 M	23					0.6 M		52 H	539	0.0 G	0.44	64		27 M	
H51B	21 VL	38	10 M	18							34 H	619	0.1 G	0.43	40		40 H	
H51C	20 L	72	3 VL	11							13 H	557	0.1 G	0.40	23		42 VH	
H51D	12 VL	43	2 VL	7							12 G	417	0.0 G	0.36	15		47 VH	

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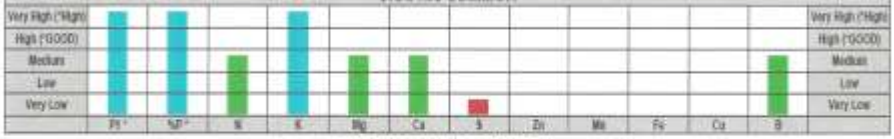
GRAPHIC SUMMARY



SOIL FERTILITY GUIDELINES (lbs/ac)

Sample Number	Previous Crop	Intended Crop	Yield Goal	Lime Tons/Acre	N	P2O5	K2O	Mg	Cu	S	Zn	Mn	Fe	Cu	B
H51A	Alfalfa	Alfalfa	6 tons	0.0	0	0	300	5	0	20					2.0

Crop yield is influenced by a number of factors in addition to soil fertility. No guarantee or warranty concerning crop performance is made by A & L.

Field 103B West

Grower Code:05219066 05219-N1122

Attn:DOUG MACFARLANE
250-546-3847

Farm:HOME
Field:103B(WEST)

Report Date:2016-10-21 Print Date:2017-01-05

SOIL TEST REPORT

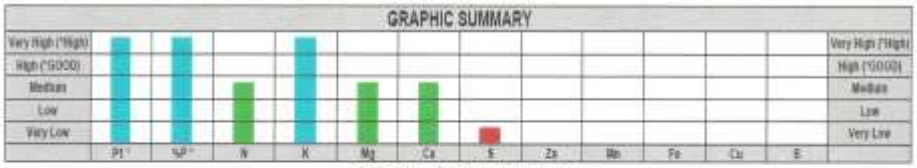
Page:1

Sample Number	Legal Land Descpt	Depth	Lab Number	Organic Matter	Phosphorus - P ppm Bicarb	Bray-P1	Potassium K ppm	Magnesium Mg ppm	Calcium Ca ppm	pH	pH Buffer	CEC meq/100g	Percent Base Saturations % K	% Mg	% Ca	% H	% Na
H41A		6	27550	5.6	81 H	222 H	609 VH	430 M	3570 M	7.2		24.3	6.4	14.7	73.4	4.6	0.8
H41B		12	27551	3.6	51 H	103 H	290 VH	260 M	2320 H	7.2		15.4	4.8	14.1	75.2	4.6	1.3
H41C		24	27552	1.6	18 L	33 L	145 H	210 H	1560 H	7.5		10.1	3.7	17.3	76.9		2.4
H41D		36	27553	0.7	14 L	22 VL	103 M	190 H	1530 H	7.8		9.7	2.7	16.3	78.5		2.7

Sample Number	Sulfur ppm S lbs/ac		Nitrate Nitrogen ppm NO3-N lbs/ac		Zinc Zn ppm	Manganese Mn ppm	Iron Fe ppm	Copper Cu ppm	Boron B ppm	Soluble Salts mmhos/cm	Saturation %P	Aluminum Al ppm	Saturation %Al *	K/Mg Ratio	ENR	Chloride Cl ppm	Sodium Na ppm	Molybdenum Mo ppm
H41A	23 VL	41	17 M	31							48 H	588	0.0 G	0.44	69		46 M	
H41B	23 VL	41	6 L	11							20 H	652	0.1 G	0.34	48		47 H	
H41C	14 VL	50	3 VL	11							8 M	556	0.0 G	0.21	28		55 VH	
H41D	13 VL	47	3 VL	11							2 VL	483	0.0 G	0.17	19		61 VH	

OE VL = VERY LOW L = LOW M = MEDIUM H = HIGH VH = VERY HIGH * G = GOOD, M = MARGINAL, MT = MODERATE PHYTO-TOXIC, T = PHYTO-TOXIC, ST = SEVERE PHYTO-TOXIC

GRAPHIC SUMMARY



SOIL FERTILITY GUIDELINES (lbs/ac)

Sample Number	Previous Crop	Intended Crop	Yield Goal	Lime Tons/Acre	N	P2O5	K2O	Mg	Cu	S	Zn	Mn	Fe	Cu	B
H41A	Alfalfa	Alfalfa	7 tons	0.0	0	0	400	5	0	20					

Crop yield is influenced by a number of factors in addition to soil fertility. No guarantee or warranty concerning crop performance is made by A & L.

Field 103C Island

To:EMERALD BAY AG SERVICES
10 MARYS EMERALD BAY ROAD
VERNON, BC V1H 2A7

For:JANSEN

Grower Code:05210080 05219-W1138

Attn:DOUG MACFARLANE
250-545-3847

Farm:HOME
Field:103 The island field

Report Date:2016-11-14 Print Date:2017-03-27

SOIL TEST REPORT

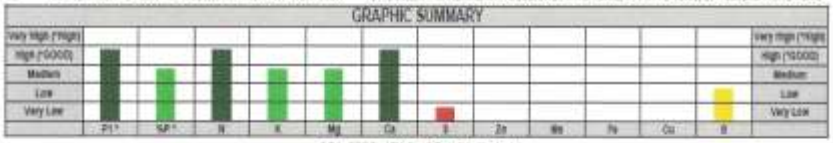
Page:1

Sample Number	Legal Land Descpt	Depth	Lab Number	Organic Matter	Phosphorus - P ppm Bicarb	P ppm Bray-P1	Potassium K ppm	Magnesium Mg ppm	Calcium Ca ppm	pH	Buffer	CEC meq/100g	Percent Base Saturations % K	% Mg	% Ca	% H	% Na
H131A		6	58090	3.8	36 G	60 G	149 M	330 M	3080 H	7.4		18.7	2.0	14.7	82.6		0.8
H131B		12	58091	3.0	20 L	28 L	98 M	250 M	2410 H	7.6		14.5	1.7	14.3	83.0		1.2
H131C		24	58092	2.0	7 VL	10 VL	65 L	205 M	2000 H	7.8		12.0	1.4	14.2	83.0		1.6
H131D		36	58093	1.8	6 VL	8 VL	69 M	230 M	2160 H	7.8		13.2	1.7	14.8	82.1		1.8

Sample Number	Sulfur ppm S lbs/ac		Nitrate Nitrogen ppm NO3-N lbs/ac		Zinc Zn ppm	Manganese Mn ppm	Iron Fe ppm	Copper Cu ppm	Boron B ppm	Soluble Salts mmhos	Saturation %P	Aluminum Al ppm	Saturation %Al *	K/Mg Ratio	ENR	Chloride Cl ppm	Sodium Na ppm	Molybdenum Mo ppm
H131A	16 VL	29	30 H	54					0.5 L		5 M	186	0.0 G	0.14	46		36 M	
H131B	16 VL	29	18 M	32							2 VL	425	0.0 G	0.12	45		40 H	
H131C	20 VL	72	9 L	32							1 VL	499	0.0 G	0.10	32		46 H	
H131D	26 L	94	14 M	50							1 VL	812	0.0 G	0.12	30		56 H	

OE VL = VERY LOW L = LOW M = MEDIUM H = HIGH VH = VERY HIGH * G = GOOD, M = MARGINAL, MT = MODERATE PHYTO-TOXIC, T = PHYTO-TOXIC, ST = SEVERE PHYTO-TOXIC

GRAPHIC SUMMARY



SOIL FERTILITY GUIDELINES (lbs/ac)

Sample Number	Previous Crop	Intended Crop	Yield Goal	Lime Tons/Acre	N	P2O5	K2O	Mg	Ca	S	Zn	Mn	Fe	Cu	B
H131A	Corn Silage Western	Corn Silage Western	25 tons	0.0	138	20	20	5	0	25					0.5
H131A	Corn Silage Western	Corn Silage West Blc	25 tons	0.0	138	55	215	5	0	25					0.5

Crop yield is influenced by a number of factors in addition to soil fertility. No guarantee or warranty concerning crop performance is made by A & L.

Field 104 Harold's Upper

Grower Code:05210066 05219-W1132

Attn:DOUG MACFARLANE
250-545-3847

Farm:HOME
Field:104 HAROLDS UPPER

Report Date:2016-11-14 Print Date:2017-01-05

SOIL TEST REPORT

Page:1

Sample Number	Legal Land Descpt	Depth	Lab Number	Organic Matter	Phosphorus Bicarb	P ppm Bray-P1	Potassium K ppm	Magnesium Mg ppm	Calcium Ca ppm	pH	Buffer	CEC meq/100g	Percent Base Saturations % K	% Mg	% Ca	% H	% Na
H71A		6	58096	2.6	69 G	151 H	336 VH	285 H	1960 M	7.6		12.7	6.8	16.7	73.2		1.5
H71B		12	58099	2.4	51 G	137 H	310 VH	220 H	1820 M	7.5		10.9	7.3	16.8	74.1		2.1
H71C		24	58100	1.1	33 M	63 M	223 H	190 M	2210 H	7.8		13.4	4.3	11.8	82.4		1.7
H71D		36	58101	0.4	18 L	34 M	147 M	200 M	2750 VH	7.8		16.0	2.4	10.4	86.0		1.3

Sample Number	Sulfur ppm S lbs/ac		Nitrate Nitrogen ppm NO3-N lbs/ac		Zinc Zn ppm	Manganese Mn ppm	Iron Fe ppm	Copper Cu ppm	Boron B ppm	Soluble Salts mmhos	Saturation %P	Aluminum Al ppm	Saturation %Al *	K/Mg Ratio	ENR	Chloride Cl ppm	Sodium Na ppm	Molybdenum Mo ppm
H71A	10 VL	18	13 M	23					0.3 VL		32 H	596	0.0 G	0.36	38		44 H	
H71B	15 VL	27	13 M	23							26 H	668	0.1 G	0.43	36		52 VH	
H71C	16 VL	58	10 M	36							5 M	474	0.0 G	0.36	23		53 H	
H71D	15 VL	54	9 L	32							3 L	281	0.0 G	0.23	15		49 H	

OE VL = VERY LOW L = LOW M = MEDIUM H = HIGH VH = VERY HIGH * G = GOOD, M = MARGINAL, MT = MODERATE PHYTO-TOXIC, T = PHYTO-TOXIC, ST = SEVERE PHYTO-TOXIC

GRAPHIC SUMMARY

SOIL FERTILITY GUIDELINES (lbs/ac)

Sample Number	Previous Crop	Intended Crop	Yield Goal	Lime Tons/Acre	N	P2O5	K2O	Mg	Ca	S	Zn	Mn	Fe	Cu	B
H71A	Corn Silage Western	Corn Silage Western	20 tons	0.0	135	20	15	0	0	25					0.5
H71A	Corn Silage Western	Corn Silage West Blc	20 tons	0.0	135	50	125	0	0	25					0.5

Crop yield is influenced by a number of factors in addition to soil fertility. No guarantee or warranty concerning crop performance is made by A & L.

Field 104 Harold's Lower

Attn:DOUG MACFARLANE
250-546-3847

Farm:HOME
Field:104 HAROLDS LOWER

Report Date:2016-11-14 Print Date:2017-01-05

SOIL TEST REPORT

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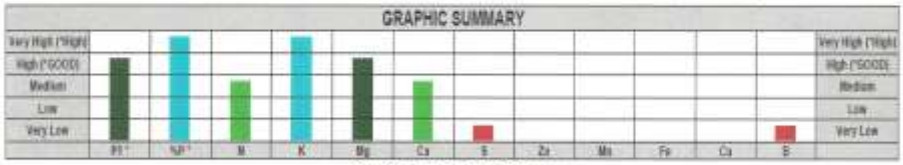
Sample Number	Legal Land Descpt	Depth	Lab Number	Organic Matter	Phosphorus - P ppm Bicarb	Bray-P1	Potassium K ppm	Magnesium Mg ppm	Calcium Ca ppm	pH	pH Buffer	CEC meq/100g	Percent Base Saturations %K	%Mg	%Ca	%H	%Na
H61A		6	58094	2.5	46 M	106 G	365 VH	350 H	2120 M	7.5		14.7	6.4	19.9	72.3		1.7
H61B		12	58095	2.4	50 G	109 G	362 VH	380 H	1820 M	7.3		13.4	6.9	23.6	67.7		2.1
H61C		24	58096	1.3	42 M	71 M	240 VH	405 VH	2000 M	7.5		15.0	4.1	27.5	66.6		2.1
H61D		36	58097	1.3	35 G	58 G	151 M	480 H	2440 M	7.9		16.6	2.3	29.8	72.5		1.7

Sample Number	Sulfur ppm S	lbs/ac	Nitrate Nitrogen ppm NO3-N	lbs/ac	Zinc Zn ppm	Manganese Mn ppm	Iron Fe ppm	Copper Cu ppm	Boron B ppm	Soluble Salts mm/cm	Saturation %P	Aluminum Al ppm	Saturation %Al *	K/Mg Ratio	ENR	Chloride Cl ppm	Sodium Na ppm	Molybdenum Mo ppm
H61A	13 VL	23	14 M	25					0.3 VL		22 H	617	0.0 G	0.32	37		56 H	
H61B	14 VL	25	21 H	38							22 H	642	0.1 G	0.29	36		68 VH	
H61C	11 VL	40	15 M	54							13 H	681	0.0 G	0.15	25		74 VH	
H61D	12 VL	43	13 M	47							15 H	506	0.0 G	0.10	25		65 H	

OE VL = VERY LOW L = LOW M = MEDIUM H = HIGH VH = VERY HIGH * G = GOOD, M = MARGINAL, MT = MODERATE PHYTO-TOXIC, T = PHYTO-TOXIC, ST = SEVERE PHYTO-TOXIC

GRAPHIC SUMMARY



SOIL FERTILITY GUIDELINES (lbs/ac)

Sample Number	Previous Crop	Intended Crop	Yield Goal	Lime Tons/Acre	N	P2O5	K2O	Mg	Ca	S	Zn	Mn	Fe	Cu	B
H61A	Corn Silage Western	Corn Silage Western	28 tons	0.0	178	20	20	0	0	25					0.5
H61A	Corn Silage Western	Corn Silage West Blc	28 tons	0.0	178	55	150	0	0	25					0.5

Crop yield is influenced by a number of factors in addition to soil fertility. No guarantee or warranty concerning crop performance is made by A & L.

Field 105 Dixon Back

Grower Code:05219066 05219-N1125

Attn:DOUG MACFARLANE
250-546-3847

Farm:HOME
Field:105 DIXON BACK

Report Date:2016-10-21 Print Date:2017-01-05

SOIL TEST REPORT

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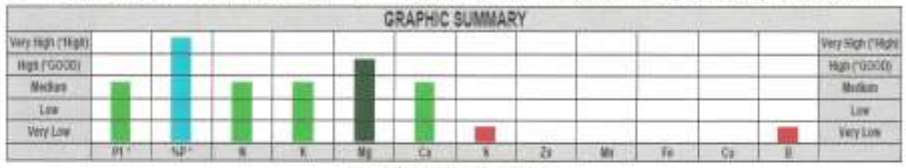
Sample Number	Legal Land Descpt	Depth	Lab Number	Organic Matter	Phosphorus - P ppm Bicarb	Bray-P1	Potassium K ppm	Magnesium Mg ppm	Calcium Ca ppm	pH	pH Buffer	CEC meq/100g	Percent Base Saturations %K	%Mg	%Ca	%H	%Na
H121A		6	27518	1.9	34 M	79 M	134 M	225 H	1580 M	7.2		10.8	3.2	17.4	73.4	4.5	1.5
H121B		12	27519	1.2	31 M	51 M	94 M	290 H	1550 M	7.2		11.1	2.2	21.8	69.8	4.5	1.8
H121C		24	27520	0.8	25 M	48 M	71 L	355 M	3850 VH	8.0		22.6	0.8	13.1	85.3		1.0
H121D		36	27521	0.5	31 M	50 M	54 L	405 M	3910 H	8.1		23.3	0.8	14.5	83.9		1.2

Sample Number	Sulfur ppm S	lbs/ac	Nitrate Nitrogen ppm NO3-N	lbs/ac	Zinc Zn ppm	Manganese Mn ppm	Iron Fe ppm	Copper Cu ppm	Boron B ppm	Soluble Salts mm/cm	Saturation %P	Aluminum Al ppm	Saturation %Al *	K/Mg Ratio	ENR	Chloride Cl ppm	Sodium Na ppm	Molybdenum Mo ppm
H121A	17 VL	31	10 M	18					0.2 VL		28 H	500	0.1 G	0.18	31		37 H	
H121B	26 L	47	4 VL	7							12 H	555	0.1 G	0.10	24		45 H	
H121C	42 M	151	3 VL	11							4 M	203	0.0 G	0.06	20		50 M	
H121D	58 H	209	2 VL	7							4 M	52	0.0 G	0.04	16		64 H	

OE VL = VERY LOW L = LOW M = MEDIUM H = HIGH VH = VERY HIGH * G = GOOD, M = MARGINAL, MT = MODERATE PHYTO-TOXIC, T = PHYTO-TOXIC, ST = SEVERE PHYTO-TOXIC

GRAPHIC SUMMARY



SOIL FERTILITY GUIDELINES (lbs/ac)

Sample Number	Previous Crop	Intended Crop	Yield Goal	Lime Tons/Acre	N	P2O5	K2O	Mg	Ca	S	Zn	Mn	Fe	Cu	B
H121A	Alfalfa	Alfalfa	7 tons	0.0	0	0	400	0	0	10					2.5

Crop yield is influenced by a number of factors in addition to soil fertility. No guarantee or warranty concerning crop performance is made by A & L.

Field 106 Dixon Front

Attn:DOUG MACFARLANE
250-546-3947

Farm:HOME
Field:100 FRONT

Report Date:2016-11-08 Print Date:2017-03-27

SOIL TEST REPORT

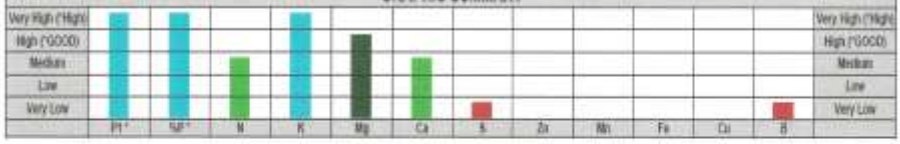
Page:1

Sample Number	Legal Land Descpt	Depth	Lab Number	Organic Matter	Phosphorus - P ppm Bicarb	Phosphorus - P ppm Bray-P1	Potassium K ppm	Magnesium Mg ppm	Calcium Ca ppm	pH	pH Buffer	CEC meq/100g	Percent Base Saturations % K	% Mg	% Ca	% H	% Na
H31A		6	47757	2.0	55 G	155 H	251 VH	186 H	1360 M	7.3		9.2	7.0	17.6	73.7		1.9
H31B		12	47758	2.8	47 M	121 H	184 H	185 H	1240 M	7.5		8.3	5.7	18.5	74.5		1.6
H31C		24	47759	1.1	40 M	83 M	161 H	195 M	1890 H	7.8		11.6	3.6	14.0	81.5		1.1
H31D		36	47760	0.6	23 M	43 M	95 M	280 M	3460 VH	8.0		20.0	1.2	11.7	86.5		0.8

Sample Number	Sulfur ppm S lbs/ac	Nitrate Nitrogen ppm NO3-N lbs/ac	Zinc Zn ppm	Manganese Mn ppm	Iron Fe ppm	Copper Cu ppm	Boron B ppm	Soluble Salts mmhos	Saturation %P	Aluminum Al ppm	Saturation %Al *	K/Mg Ratio	ENR	Chloride Cl ppm	Sodium Na ppm	Molybdenum Mo ppm
H31A	17 VL 31	10 M 18					0.2 VL		35 H	565	0.1 G	0.40	32		40 VH	
H31B	11 VL 20	12 M 22							46 H	336	0.0 G	0.31	40		30 H	
H31C	11 VL 40	6 L 22							7 M	371	0.0 G	0.26	23		29 H	
H31D	18 VL 65	4 VL 14							3 L	328	0.0 G	0.10	18		38 M	

OE VL = VERY LOW L = LOW M = MEDIUM H = HIGH VH = VERY HIGH * G = GOOD, M = MARGINAL, MT = MODERATE PHYTO-TOXIC, T = PHYTO-TOXIC, ST = SEVERE PHYTO-TOXIC

GRAPHIC SUMMARY



SOIL FERTILITY GUIDELINES (lbs/ac)

Sample Number	Previous Crop	Intended Crop	Yield Goal	Lime Tons/Acre	N	P2O5	K2O	Mg	Ca	S	Zn	Mn	Fe	Cu	B
H31A	Corn Silage Western	Corn Silage Western	29 tons	0.0	266	20	20	0	0	10					0.5
H31A	Corn Silage Western	Corn Silage West Blc	28 tons	0.0	266	55	150	0	0	10					0.5

Crop yield is influenced by a number of factors in addition to soil fertility. No guarantee or warranty concerning crop performance is made by A & L.

Field 109 Sylvia

Grower Code:05219096 05219-N1134

Attn:DOUG MACFARLANE
250-546-3947

Farm:HOME
Field:109 SILVIA

Report Date:2016-11-18 Print Date:2017-01-05

SOIL TEST REPORT

Page:1

Sample Number	Legal Land Descpt	Depth	Lab Number	Organic Matter	Phosphorus - P ppm Bicarb	Phosphorus - P ppm Bray-P1	Potassium K ppm	Magnesium Mg ppm	Calcium Ca ppm	pH	pH Buffer	CEC meq/100g	Percent Base Saturations % K	% Mg	% Ca	% H	% Na
H91A		6	58106	2.5	37 G	82 G	240 H	465 H	2650 M	7.8		17.9	3.4	21.6	73.9		1.3
H91B		12	58107	2.5	37 G	82 G	150 M	410 H	2330 M	7.8		15.7	2.5	21.8	74.3		1.8
H91C		24	58108	1.7	32 M	62 G	129 M	550 H	3170 H	8.0		21.1	1.6	21.8	75.2		1.7
H91D		36	58109	1.0	26 M	49 M	84 L	590 H	3300 H	8.1		21.9	1.0	22.4	75.3		1.6

Sample Number	Sulfur ppm S lbs/ac	Nitrate Nitrogen ppm NO3-N lbs/ac	Zinc Zn ppm	Manganese Mn ppm	Iron Fe ppm	Copper Cu ppm	Boron B ppm	Soluble Salts mmhos	Saturation %P	Aluminum Al ppm	Saturation %Al *	K/Mg Ratio	ENR	Chloride Cl ppm	Sodium Na ppm	Molybdenum Mo ppm
H91A	15 VL 27	23 H 41					0.2 VL		34 H	305	0.0 G	0.16	37		53 H	
H91B	15 VL 27	15 M 27							20 H	392	0.0 G	0.11	37		64 H	
H91C	19 VL 68	13 M 47							27 H	291	0.0 G	0.07	29		83 H	
H91D	25 VL 90	10 M 36							4 M	98	0.0 G	0.04	22		79 H	

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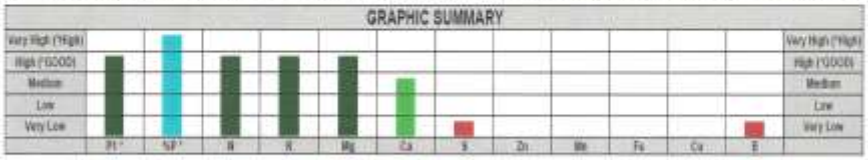
GRAPHIC SUMMARY



SOIL FERTILITY GUIDELINES (lbs/ac)

Sample Number	Previous Crop	Intended Crop	Yield Goal	Lime Tons/Acre	N	P2O5	K2O	Mg	Ca	S	Zn	Mn	Fe	Cu	B
H91A	Corn Silage Western	Corn Silage Western	25 tons	0.0	156	20	20	0	0	30					0.5
H91A	Corn Silage Western	Corn Silage West Blc	25 tons	0.0	156	55	150	0	0	30					0.5

Crop yield is influenced by a number of factors in addition to soil fertility. No guarantee or warranty concerning crop performance is made by A & L.

Field 201 Skelton

Grower Code:05219066 05219-N1119

Attn:DOUG MACFARLANE
250-546-3847

Farm:HOME
Field:201 SKELTON

SOIL TEST REPORT

Report Date:2016-10-21 Print Date:2017-01-05 Page:1

Sample Number	Legal Land Descpt:	Depth	Lab Number	Organic Matter	Phosphorus - P ppm Bicarb	Bray-P1	Potassium K ppm	Magnesium Mg ppm	Calcium Ca ppm	pH	pH Buffer	CEC meq/100g	Percent Base Saturations %K	%Mg	%Ca	%H	%Na
H141A		6	27546	2.7	43 M	98 G	175 H	200 H	1470 M	6.9	6.9	10.8	4.1	15.4	68.0	10.9	1.6
H141B		12	27547	1.2	27 M	54 M	102 M	240 H	1810 H	7.4		11.5	2.3	17.5	79.0		1.4
H141C		24	27548	0.8	31 G	54 G	73 L	410 M	4360 VH	8.1		25.6	0.7	13.4	85.3		0.7
H141D		36	27549	0.4	24 M	40 M	70 L	370 M	4050 VH	8.2		23.7	0.8	13.0	85.6		0.8

Sample Number	Sulfur ppm	lbs/ac	Nitrate Nitrogen ppm NO3-N	lbs/ac	Zinc Zn ppm	Manganese Mn ppm	Iron Fe ppm	Copper Cu ppm	Boron B ppm	Soluble Salts mmhos/cm	Saturation %P	Aluminum Al ppm	Saturation %Al *	K/Mg Ratio	ENR	Chloride Cl ppm	Sodium Na ppm	Molybdenum Mo ppm
H141A	14 VL	25	14 M	25					0.4 L		25 H	493	0.1 G	0.27	39		39 H	
H141B	25 L	45	7 L	13							4 L	516	0.0 G	0.13	24		38 H	
H141C	24 VL	86	4 VL	14							4 M	101	0.0 G	0.05	20		44 M	
H141D	12 VL	43	3 VL	11							3 L	87	0.0 G	0.06	15		42 M	

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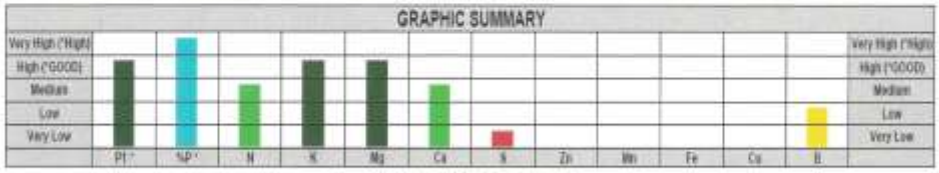
GRAPHIC SUMMARY



SOIL FERTILITY GUIDELINES (lbs/ac)

Sample Number	Previous Crop	Intended Crop	Yield Goal	Lime Tons/Acre	N	P2O5	K2O	Mg	Ca	S	Zn	Mn	Fe	Cu	B
H141A	Alfalfa	Alfalfa	7 tons	0.0	0	0	400	5	0	10					2.0

Crop yield is influenced by a number of factors in addition to soil fertility. No guarantee or warranty concerning crop performance is made by A & L.

Field 202 Reimer's

Grower Code:05219066 05219-N1133

Attn:DOUG MACFARLANE
250-546-3847

Farm:HOME
Field:202 REIMERS

SOIL TEST REPORT

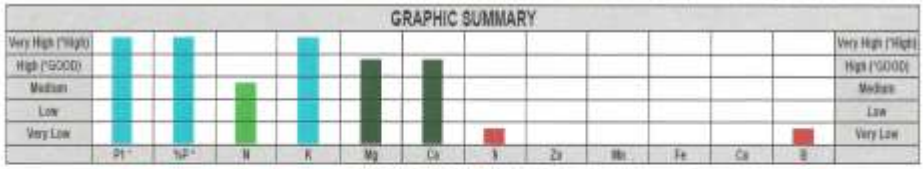
Report Date:2016-11-18 Print Date:2017-01-05 Page:1

Sample Number	Legal Land Descpt:	Depth	Lab Number	Organic Matter	Phosphorus - P ppm Bicarb	Bray-P1	Potassium K ppm	Magnesium Mg ppm	Calcium Ca ppm	pH	pH Buffer	CEC meq/100g	Percent Base Saturations %K	%Mg	%Ca	%H	%Na
H81A		6	58102	3.0	47 M	125 H	291 VH	240 H	1760 H	7.4		11.8	6.3	17.0	75.5		1.4
H81B		12	58103	2.0	48 M	98 G	239 VH	296 H	1780 M	7.2		12.8	4.8	10.2	69.4	4.5	2.1
H81C		24	58104	0.8	29 M	56 M	192 H	325 H	1850 M	7.4		12.7	3.9	21.4	73.1		1.9
H81D		36	58105	0.9	20 M	37 M	146 M	340 H	2870 H	7.7		17.7	2.1	16.0	81.1		0.9

Sample Number	Sulfur ppm	lbs/ac	Nitrate Nitrogen ppm NO3-N	lbs/ac	Zinc Zn ppm	Manganese Mn ppm	Iron Fe ppm	Copper Cu ppm	Boron B ppm	Soluble Salts mmhos/cm	Saturation %P	Aluminum Al ppm	Saturation %Al *	K/Mg Ratio	ENR	Chloride Cl ppm	Sodium Na ppm	Molybdenum Mo ppm
H81A	9 VL	16	13 M	23					0.2 VL		30 H	542	0.0 G	0.37	42		39 H	
H81B	16 VL	29	14 M	25							20 H	624	0.1 G	0.25	32		62 VH	
H81C	19 VL	68	10 M	36							12 H	601	0.0 G	0.18	20		56 VH	
H81D	20 VL	72	12 M	43							3 L	281	0.0 G	0.13	21		38 M	

OE VL = VERY LOW L = LOW M = MEDIUM H = HIGH VH = VERY HIGH * G = GOOD, M = MARGINAL, MT = MODERATE PHYTO-TOXIC, T = PHYTO-TOXIC, ST = SEVERE PHYTO-TOXIC

GRAPHIC SUMMARY

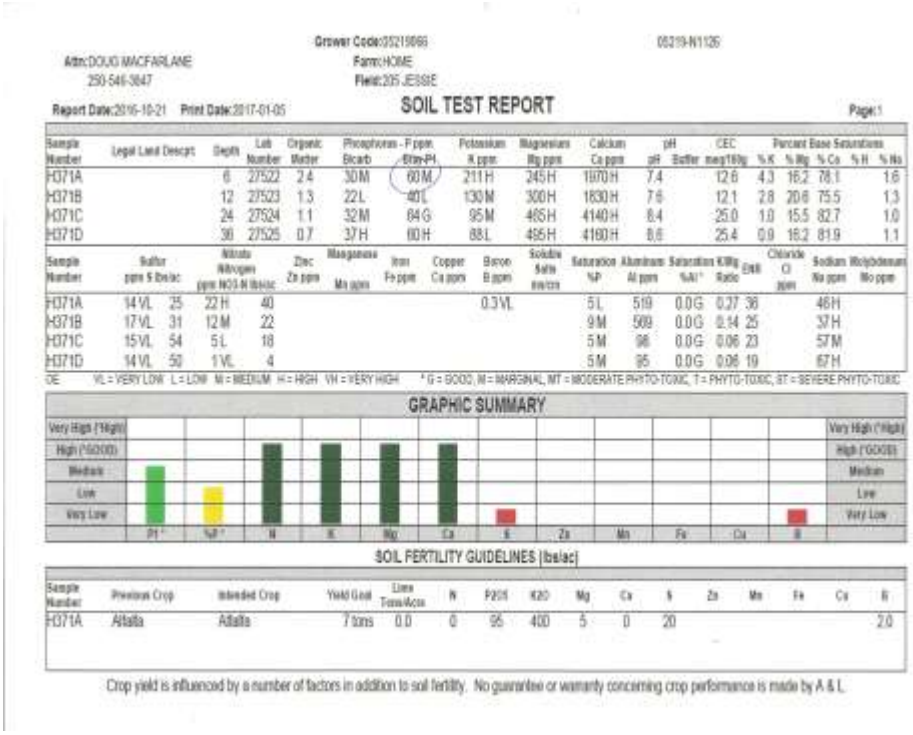


SOIL FERTILITY GUIDELINES (lbs/ac)

Sample Number	Previous Crop	Intended Crop	Yield Goal	Lime Tons/Acre	N	P2O5	K2O	Mg	Ca	S	Zn	Mn	Fe	Cu	B
H81A	Corn Silage Western	Corn Silage Western	25 tons	0.0	180	20	20	0	0	20					0.5
H81A	Corn Silage Western	Corn Silage West Bk	25 tons	0.0	180	55	150	0	0	20					0.5

Crop yield is influenced by a number of factors in addition to soil fertility. No guarantee or warranty concerning crop performance is made by A & L.

Field 205 Jessie



Grower Code:05219999 05219-N1126

Attn:DOUG MACFARLANE
250-546-3847

Farm:HOME
Field:205 JESSIE

Report Date:2016-10-21 Print Date:2017-01-05

SOIL TEST REPORT

Page:1

Sample Number	Legal Land Descpt	Depth	Lab Number	Organic Matter	Phosphorous - P ppm Bicarb	Olsen-PH	Potassium K ppm	Magnesium Mg ppm	Calcium Ca ppm	pH	Buffer	CEC meq/100g	Percent Base Saturations %K	%Mg	%Ca	%H	%Na
H371A		6	27522	2.4	30 M	60 M	211 H	245 H	1970 H	7.4		12.6	4.3	16.2	78.1		1.6
H371B		12	27523	1.3	22 L	40 L	130 M	300 H	1830 H	7.6		12.1	2.8	20.6	75.5		1.3
H371C		24	27524	1.1	32 M	84 G	95 M	485 H	4140 H	8.4		25.0	1.0	15.5	82.7		1.0
H371D		36	27525	0.7	37 H	60 H	88 L	495 H	4160 H	8.6		25.4	0.9	16.2	81.9		1.1

Sample Number	Sulfur ppm S lbs/ac		Nitrate Nitrogen ppm NO3-N lbs/ac		Zinc Zn ppm	Manganese Mn ppm	Iron Fe ppm	Copper Cu ppm	Boron B ppm	Soluble Salts mm/cm	Saturation %P	Aluminum Al ppm	Saturation %Al *	K/Mg Ratio	ENR	Chloride Cl ppm	Sodium Na ppm	Molybdenum Mo ppm
H371A	14 VL	25	22 H	40					0.3 VL		5 L	519	0.0 G	0.27	36		46 H	
H371B	17 VL	31	12 M	22							9 M	569	0.0 G	0.14	25		37 H	
H371C	15 VL	54	5 L	18							5 M	98	0.0 G	0.06	23		57 M	
H371D	14 VL	50	1 VL	4							5 M	95	0.0 G	0.06	19		67 H	

OE VL = VERY LOW L = LOW M = MEDIUM H = HIGH VH = VERY HIGH * G = GOOD, M = MARGINAL, MT = MODERATE PHYTO-TOXIC, T = PHYTO-TOXIC, ST = SEVERE PHYTO-TOXIC

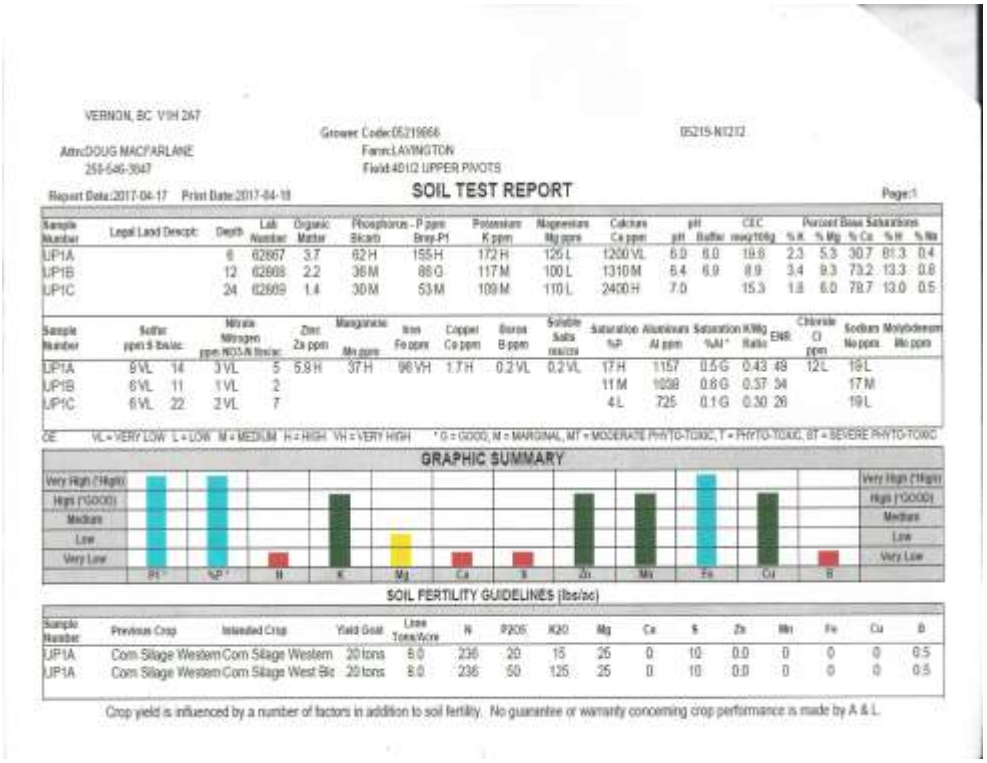
GRAPHIC SUMMARY

SOIL FERTILITY GUIDELINES (lbs/ac)

Sample Number	Previous Crop	Intended Crop	Yield Goal	Lime Tons/Acre	N	P2O5	K2O	Mg	Ca	S	Zn	Mn	Fe	Cu	B
H371A	Alfalfa	Alfalfa	7 tons	0.0	0	95	400	5	0	20					2.0

Crop yield is influenced by a number of factors in addition to soil fertility. No guarantee or warranty concerning crop performance is made by A & L.

Field 400 Lavington – Upper pivots



VERNON, BC V1H 2A7

Attn:DOUG MACFARLANE
250-546-3847

Grower Code:05219066
Farm:LAVINGTON
Field:4012 UPPER PIVOTS

05219-N1212

Report Date:2017-04-17 Print Date:2017-04-18

SOIL TEST REPORT

Page:1

Sample Number	Legal Land Descpt	Depth	Lab Number	Organic Matter	Phosphorus - P ppm Bicarb	Phosphorus - P ppm Bray-P1	Potassium K ppm	Magnesium Mg ppm	Calcium Ca ppm	pH	Buffer	CEC meq/100g	Percent Base Saturations % K	% Mg	% Ca	% H	% Na
UP1A		6	62867	3.7	62 H	155 H	172 H	126 L	1200 VL	6.0	6.0	19.6	2.3	5.3	30.7	61.3	0.4
UP1B		12	62868	2.2	36 M	88 O	117 M	100 L	1310 M	6.4	6.9	8.9	3.4	9.3	73.2	13.3	0.8
UP1C		24	62869	1.4	30 M	53 M	109 M	110 L	2400 H	7.0		15.3	1.8	6.0	78.7	13.0	0.5

Sample Number	Sulfur ppm S lbs/ac		Nitrate Nitrogen ppm NO3-N lbs/ac		Zinc Zn ppm	Manganese Mn ppm	Iron Fe ppm	Copper Cu ppm	Boron B ppm	Soluble Salts mmhos	Saturation %P	Aluminum Al ppm	Saturation %Al *	K/Mg Ratio	ENR	Chloride Cl ppm	Sodium Na ppm	Molybdenum Mo ppm
UP1A	8 VL	14	3 VL	5	5.8 H	37 H	96 VH	1.7 H	0.2 VL	0.2 VL	17 H	1157	0.5 G	0.43	49	12 L	19 L	
UP1B	6 VL	11	1 VL	2							11 M	1038	0.8 G	0.37	34		17 M	
UP1C	6 VL	22	2 VL	7							4 L	725	0.1 G	0.30	26		19 L	

OE VL = VERY LOW L = LOW M = MEDIUM H = HIGH VH = VERY HIGH * G = GOOD, M = MARGINAL, MT = MODERATE PHYTO-TOXIC, T = PHYTO-TOXIC, ST = SEVERE PHYTO-TOXIC

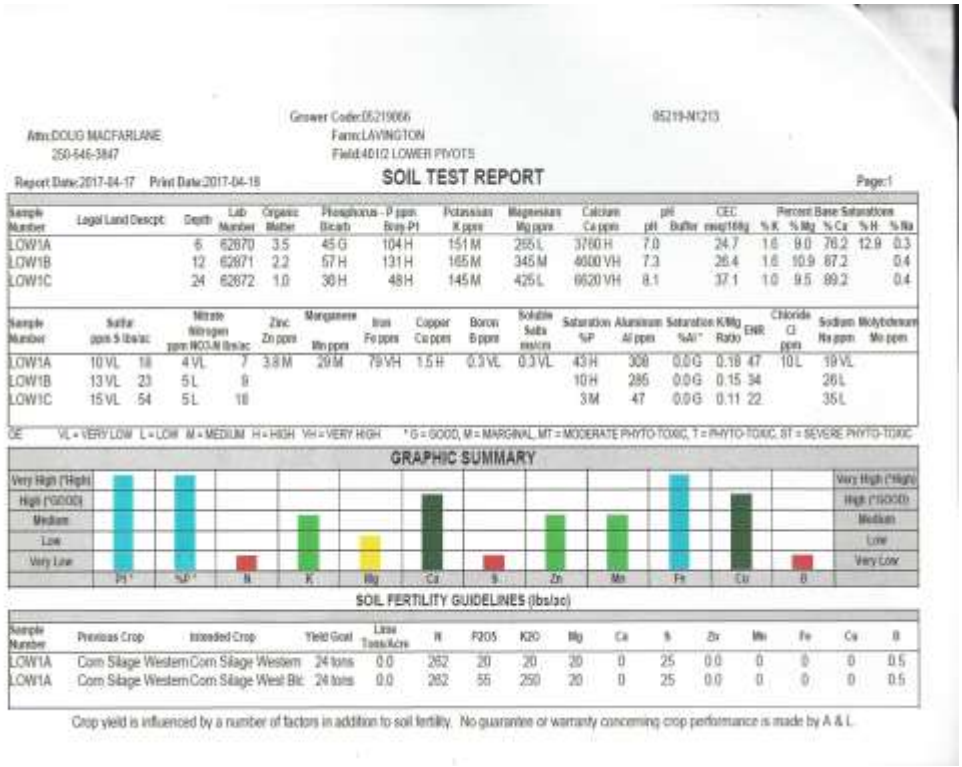
GRAPHIC SUMMARY

SOIL FERTILITY GUIDELINES (lbs/ac)

Sample Number	Previous Crop	Intended Crop	Yield Goal	Lime Tons/Acre	N	P2O5	K2O	Mg	Ca	S	Zn	Mn	Fe	Cu	B
UP1A	Corn Silage Western	Corn Silage Western	20 tons	6.0	236	20	15	25	0	10	0.0	0	0	0	0.5
UP1A	Corn Silage Western	Corn Silage West Blc	20 tons	6.0	236	50	125	25	0	10	0.0	0	0	0	0.5

Crop yield is influenced by a number of factors in addition to soil fertility. No guarantee or warranty concerning crop performance is made by A & L.

Field 400 Lavington – Lower pivots



Grower Code:05219066
Farm:LAVINGTON
Field:4012 LOWER PIVOTS

05219-N1213

Attn:DOUG MACFARLANE
250-546-3847

Report Date:2017-04-17 Print Date:2017-04-18

SOIL TEST REPORT

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Sample Number	Legal Land Descpt	Depth	Lab Number	Organic Matter	Phosphorus - P ppm Bicarb	Phosphorus - P ppm Bray-P1	Potassium K ppm	Magnesium Mg ppm	Calcium Ca ppm	pH	Buffer	CEC meq/100g	Percent Base Saturations % K	% Mg	% Ca	% H	% Na
LOW1A		6	62870	3.5	45 G	104 H	151 M	265 L	3760 H	7.0		24.7	1.6	9.0	76.2	12.9	0.3
LOW1B		12	62871	2.2	57 H	131 H	165 M	345 M	4600 VH	7.3		26.4	1.6	10.9	87.2		0.4
LOW1C		24	62872	1.0	36 H	48 H	145 M	425 L	6620 VH	8.1		37.1	1.0	9.5	89.2		0.4

Sample Number	Sulfur ppm S lbs/ac		Nitrate Nitrogen ppm NO3-N lbs/ac		Zinc Zn ppm	Manganese Mn ppm	Iron Fe ppm	Copper Cu ppm	Boron B ppm	Soluble Salts mmhos	Saturation %P	Aluminum Al ppm	Saturation %Al *	K/Mg Ratio	ENR	Chloride Cl ppm	Sodium Na ppm	Molybdenum Mo ppm
LOW1A	10 VL	18	4 VL	7	3.8 M	29 M	79 VH	1.5 H	0.3 VL	0.3 VL	43 H	308	0.0 G	0.18	47	10 L	19 VL	
LOW1B	13 VL	23	5 L	9							10 H	285	0.0 G	0.15	34		26 L	
LOW1C	15 VL	54	5 L	18							3 M	47	0.0 G	0.11	22		35 L	

OE VL = VERY LOW L = LOW M = MEDIUM H = HIGH VH = VERY HIGH * G = GOOD, M = MARGINAL, MT = MODERATE PHYTO-TOXIC, T = PHYTO-TOXIC, ST = SEVERE PHYTO-TOXIC

GRAPHIC SUMMARY

SOIL FERTILITY GUIDELINES (lbs/ac)

Sample Number	Previous Crop	Intended Crop	Yield Goal	Lime Tons/Acre	N	P2O5	K2O	Mg	Ca	S	Zn	Mn	Fe	Cu	B
LOW1A	Corn Silage Western	Corn Silage Western	24 tons	0.0	282	20	20	20	0	25	0.0	0	0	0	0.5
LOW1A	Corn Silage Western	Corn Silage West Blc	24 tons	0.0	282	55	250	20	0	25	0.0	0	0	0	0.5

Crop yield is influenced by a number of factors in addition to soil fertility. No guarantee or warranty concerning crop performance is made by A & L.