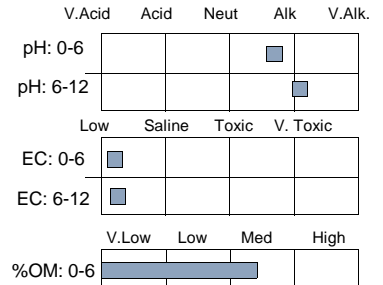
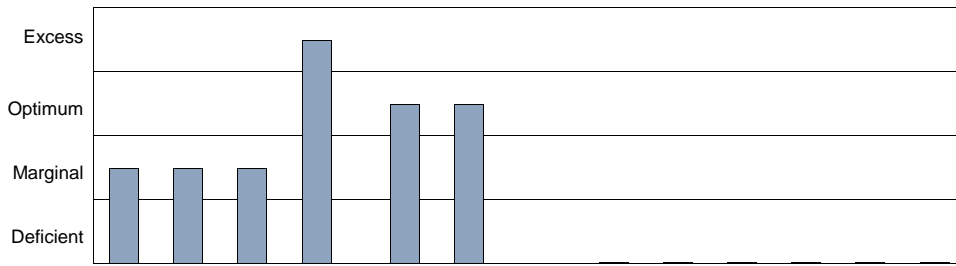


<b>Report To:</b> Cash Account - West Box 474 St. Brieux, SK S0K 3V0	<b>Grower:</b> SM AG <b>Grower Field Name:</b> Crop Aid Pea UTC <b>Reference Field Name:</b>	<b>Lot Number:</b> 231024_013 <b>Date Sampled:</b> 2023/10/18 <b>Received Date:</b> 2023/10/24 <b>Date Reported:</b> 2023/10/25
<b>Attention:</b> SM AG Research Ltd - Stephanie	<b>Legal Location:</b> SE 3-42-20 W2 <b>Total Acres:</b> 1	
<b>Client ID:</b> 15-0043	<b>Sampler:</b>	

Sample ID	Depth	N	P*	K	S	Ca	Mg	Na	B	Cu	Fe	Mn	Zn	Cl	pH	EC	OM
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	dS/m	%	
231024_013-01	0-6	16	19.0	84	19	3900	560	22							7.7	0.41	5.7
231024_013-02	6-12	7			30										8.2	0.49	



	N	P	K	S	CEC (meq/100g):	24.2	Ca Base Sat. (%):	80.0	Mg Base Sat. (%):	19.0
0-6 lb/Ac:	32	38	168	38	Base Saturation (%):	100.0	K Base Sat. (%):	0.9	Na Base Sat (%):	0.4
6-12 lb/Ac:	15			60						
Total lb/Ac measured:	47	38	168	98	Sand (%):		Silt (%):		Clay (%):	Texture:
Estimated lb/Ac to 24 inch:	70			111	Lab Comments:					

\* Modified Kelowna Extractable Phosphate

**Fertility Recommendation** Previous Crop: Peas, Field  Straw Removed  Continuous Cropping  Irrigated

Yield Type	Rain Required (Inch)	Yield	% Yield Reduction	N	P2O5	K2O	S	B	Cu	Fe	Mn	Zn	Cl
<b>Canola, Hybrid</b>													
*Customer Yield	9.5 (Wet)	50 bu	0	55	20	70	10						
Calculated Yield	7 (Average)	37 bu	0	25	15	60	10						
Calculated Yield	4.1 (Dry)	24 bu	0	0	15	50	10						
<b>Wheat, CWRS</b>													
*Customer Yield	15.7 (Very Wet)	90 bu	0	120	20	25	0						
Calculated Yield	9.5 (Wet)	59 bu	0	35	20	20	0						
Calculated Yield	7 (Average)	42 bu	0	0	15	20	0						
Calculated Yield	4.1 (Dry)	26 bu	0	0	15	15	0						

Fertility recommendations are based on spring banding of N, S and seed placement of P, K. Consider total seed row fertilizer with regard to seedling damage.  
 High nitrogen rates may be more effective as split application.  
 The rate of Phosphorus application is based on seed-placement. Broadcasting and incorporation requirement on the average is 2.5 times that of seed-placement.  
 Rates of Potassium less than 30 lbs/acre are for seed-placement. Broadcast and incorporate 60-80 lbs/acre of K2O as a substitute for 15-20 lbs/acre of K2O seed-placed potassium.  
 Nitrogen recommendations were reduced to account for the nitrogen contribution from the preceding legume crop.