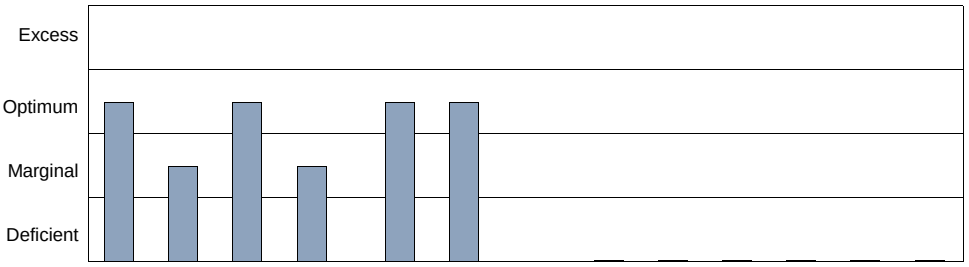
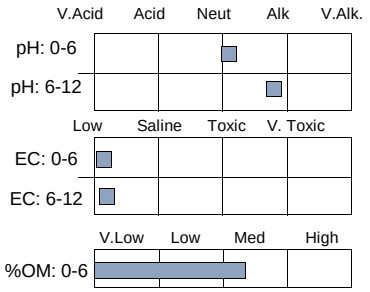
Farmers Edge Laboratories
1357 Dugald Road
Winnipeg, Manitoba Canada
R2J 0H3
Phone: 1 204 233 4099

Report To:	Cash Account - West	**Grower:**	SM AG	**Lot Number:**	231024_015
	Box 474	**Grower Field Name:**	Crop Aid Wheat UTC	**Date Sampled:**	2023/10/18
	St. Brieux, SK S0K 3V0	**Reference Field Name:**		**Received Date:**	2023/10/24
		Legal Location:	SE 3-42-20 W2	**Date Reported:**	2023/10/25
Attention:	SM AG Research Ltd - Stephanie	**Total Acres:**	1		
Client ID:	15-0043	**Sampler:**			

Sample ID	Depth	N ppm	P* ppm	K ppm	S ppm	Ca ppm	Mg ppm	Na ppm	B ppm	Cu ppm	Fe ppm	Mn ppm	Zn ppm	Cl ppm	pH	EC dS/m	OM %
231024_015-01	0-6	17	19.0	130	6	3500	580	21							7.1	0.28	5.4
231024_015-02	6-12	19			12										7.8	0.37	





	N	P	K	S
0-6 lb/Ac:	34	38	260	12
6-12 lb/Ac:	38			24
Total lb/Ac measured:	72	38	260	36
Estimated lb/Ac to 24 inch:	106			41

CEC (meq/100g):	22.9	Ca Base Sat. (%):	77.0	Mg Base Sat. (%):	21.0
Base Saturation (%):	100.0	K Base Sat. (%):	1.5	Na Base Sat (%):	0.4

Sand (%): Silt (%): Clay (%): Texture:

Lab Comments:

* Modified Kelowna Extractable Phosphate

Fertility Recommendation

Previous Crop: Wheat, CWRS ☐ **Straw Removed** ☑ **Continuous Cropping** ☐ **Irrigated**

Yield Type	Rain Required (Inch)	Yield	% Yield Reduction	N	P2O5	K2O	S	B	Cu	Fe	Mn	Zn	Cl
Canola, Hybrid													
*Customer Yield	10.3 (Very Wet)	50 bu	0	40	20	0	10						
Calculated Yield	9.5 (Wet)	47 bu	0	35	20	0	10						
Calculated Yield	7 (Average)	34 bu	0	0	15	0	10						
Calculated Yield	4.1 (Dry)	21 bu	0	0	15	0	10						
Peas, Field													
*Customer Yield	10.5 (Very Wet)	60 bu	0	0	20	0	0						
Calculated Yield	9.5 (Wet)	55 bu	0	0	20	0	0						
Calculated Yield	7 (Average)	38 bu	0	0	15	0	0						
Calculated Yield	4.1 (Dry)	22 bu	0	0	15	0	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.
Nitrogen application rates for legumes assume that appropriate inoculation of seeds was undertaken.
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.