



4R Nutrient Stewardship Report

Example Farm 1 2024

Congratulations! Your farm has achieved Advanced 4R performance in most categories, surpassing many industry standards in 4R Nutrient Stewardship. This is an inspiring rank of performance and exemplifies your farms first in class success towards impressive sustainability objectives.

The 4R Nutrient Stewardship Program currently gives direction on the performance levels of 4R practices of the Right Source, at the Right Rate, Right Time, in the Right Place. The performance levels are rated at Basic, Intermediate and Advanced with the goal being to work toward Advanced levels, which increases the economic and environmental sustainability of these practices, whether it be managing Greenhouse Gas Emissions, or excess nitrogen and phosphorus that may pose a risk to surface waters.

Currently, Nitrogen and Phosphorus fertilizers are the only nutrients that have set parameters for 4R practices guided by Fertilizer Canada. There are many considerations taken when determining a performance level for each nutrient on an individual farm.

The 4R Nutrient Stewardship Report is completed by your SWAT Certified, 4R Designated agronomist. It is a tool to analyze your investment in improving soil management, visualizing it both at the crop and farm level.

On your farm, the utilization of ESN, spring application and variable rate through SWAT MAPS, indicates your level of nitrogen management is advanced.

Phosphate performance has a range from basic to advanced as we have flat rated phosphate for the pulse crops, but overall have an enhanced approach to Phosphate Management.

The use of lime products and gypsum, works toward an increased nutrient use efficiency which is an increased performance level considered in the Advanced performance level, but would be considered above industry standards at this time.

Prepared by: Rachelle Farrell

Signature: Rachelle Farrell

CCA#: 368734

Date: 30-01-2024



4R Field Summary

Example Farm 1

2024

Field	Crop	Acres	4R Nitrogen Management				4R Phosphate Management			
			Not Qualified	Basic	Intermediate	Advanced	Not Qualified	Basic	Intermediate	Advanced
1	Faba Bean	236.1				x		x		
2	Canola	151.8				x				x
3	Barley	74.6				x				x
4	Wheat	117.8				x				x
5	Canola	119.4				x				x
6	Peas	134.8				x		x		
7	Wheat	85.6				x				x
8	Canola	127.4				x				x
9	Barley	259.1				x				x
10	Wheat	153.1				x				x
11	Wheat	387.9				x				x
12	Barley	118.9				x				x
13	Peas	144				x		x		
14	Wheat	158.6				x				x
15	Canola	155.5				x				x
16	Barley	137				x				x
17	Wheat	68				x				x
18	Barley	129.2				x				x
19	Faba Bean	121.6				x		x		
20	Faba Bean	267.6				x		x		
21	Wheat	85				x				x
22	Canola	92.7				x				x
23	Peas	90.7				x			x	
24	Wheat	75.5				x				x
27	Canola	88.2				x				x
28	Barley	142.9				x				x
29	Barley	78.6				x				x
30	Barley	69.3				x				x
31	Barley	30				x				x
32	Barley	113.7				x				x
Total		4014.6	0	0	0	4014.6	0	904.1	90.7	3019.8



4R Crop Summary

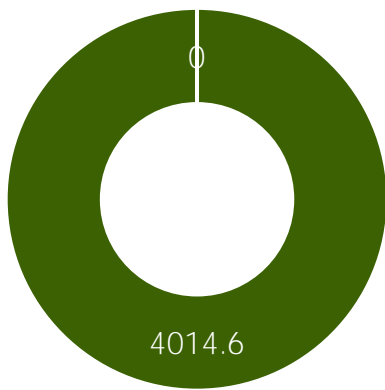
Example Farm 1

2024

Crop	Total Acres	Column 1	4R Nitrogen Management				4R Phosphate Management			
			Not Qualified	Basic	Intermediate	Advanced	Not Qualified	Basic	Intermediate	Advanced
Canola	735		0	0	0	735	0	0	0	735
Wheat	1131.5		0	0	0	1131.5	0	0	0	1131.5
Barley	1153.3		0	0	0	1153.3	0	0	0	1153.3
Peas	369.5		0	0	0	369.5	0	278.8	90.7	0
Faba Bean	625.3		0	0	0	625.3	0	625.3	0	0

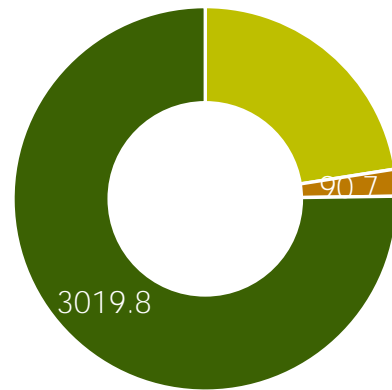
4R-N Level - Farm

■ Not Qualified ■ Basic ■ Intermediate ■ Advanced



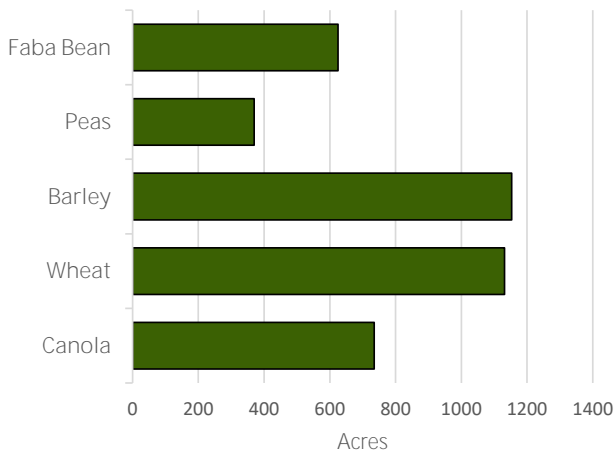
4R-P Level - Farm

■ Not Qualified ■ Basic ■ Intermediate ■ Advanced



4R-N Level - Crop

■ Not Qualified ■ Basic ■ Intermediate ■ Advanced



4R-P Level - Crop

■ Not Qualified ■ Basic ■ Intermediate ■ Advanced

