

## General Information

Sample Number :

Date : 2021-01-05

Field Name :

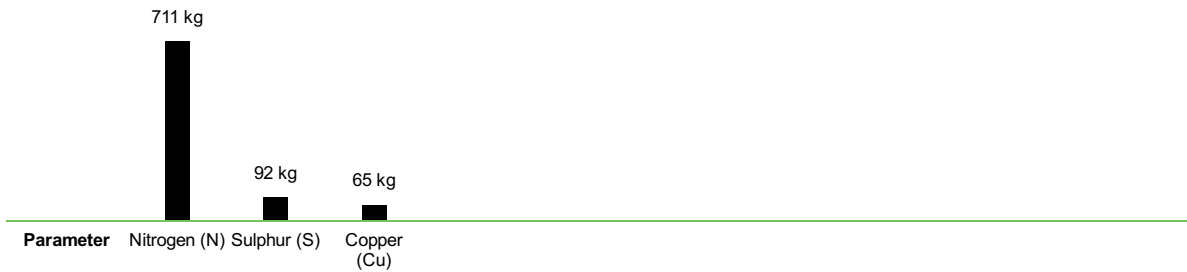
Field Size : 15 acre

Crop Name : wheat

## Soil Fertility Status

Parameter	Unit	Analysis Result	Range Low	Range High	Low	Adequate	High
pH (water)	pH Value	7.8	7.0	8.5		■	
Organic matter	%	2	3	9	■		
Organic Carbon	%	12	17	45	■		
Cation Exchange Capacity	meq/100g	26	16	38		■	
Total Nitrogen	ppm	1098	1500	3000	■		
Phosphorus (Olsen)	ppm	33	43	92	■		
Phosphorus (Bray-1)	ppm	67	89	205	■		
Potassium(-exch.)	ppm	380	254	361			■
Total Sulphur	ppm	153	300	500	■		
Magnesium (-exch.)	ppm	318	454	549	■		
Calcium (-exch.)	ppm	4348	5759	6551	■		
% K of CEC	%	4	4	9		■	
% Mg of CEC	%	10	6	22		■	
K/Mg	-	0.37	0.29	0.51		■	
% Ca of CEC	%	86	88	99	■		
Total Sodium	ppm	10	1	3			■
Zinc (1M HCL)	ppm	2.8	2.6	4.3		■	
Copper (1M HCL)	ppm	2.5	3	5.8	■		
Manganese (1M HCL)	ppm	219.5	77	101			■
Boron (hot water)	ppm	0.8	1.8	5.3	■		
Total Iron	g/kg	22	5	8			■
Total Aluminium	g/kg	48	94	115	■		

## Actual Nutrient Need for Target Yield per Field



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Parameter	Recommended Amount
Nitrogen (N)	711 kg
Phosphorus (P2O5)	0 kg
Potassium (K2O)	0 kg
Magnesium oxide (MgO)	0 kg
Calcium oxide (CaO)	0 kg
Sulphur (S)	92 kg
Zinc (Zn)	0 kg
Iron (Fe)	0 kg
Copper (Cu)	65 kg
Manganese (Mn)	0 kg
Boron (B)	0 kg
Molybdenum (Mo)	0 kg

## Questionnaire

Question	Answer
What is your soil type?	Brown
Whole season green manure?	No
What is your yield level?	100 bu/acre

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