


# PRS CropCaster Yield Estimates

## Steve Larocque 2018

### HRS



**Total Available Water**

Soil Moisture: 2.8  
Precipitation: 7.5 10  
Irrigation: 0

**Growing Degree Days**

1415

**HO Spring Wheat**  
Max Yield: 88.3

**Yield: 84.8**

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**Water Storage**

Sandy 64% Clay

**Soil Density**

1.3

**Soil pH**


VAM 6.96

**Soil EC**

1:1 0.96

STEVE LAROCQUE SE 20-31-20 W4

N	38.4	185.5	97.9
P <sub>2</sub> O <sub>5</sub>	16.6	60.1	43.5
K <sub>2</sub> O	84.7	141.3	51.4
S	12.5	23.0	10.5
Ca	850.9	15.9	
Mg	141.1	22.1	
Cu	0.16	0.13	
Zn	0.07	0.44	0.370
Mn	3.18	0.53	
Fe	5.94	0.44	
B	0.21	0.05	



Field Map
Summary

#### Economics


Gross Income	
\$/bushel	\$/acre
\$6.74	\$571.52
Other Expenses	
\$0.00	
Fertilizer Cost	
\$/lb	\$/acre
N \$0.41	\$40.14
P \$0.45	\$19.57
K \$0.31	\$15.93
S \$0.41	\$4.30
<b>Total:</b>	<b>\$79.94</b>

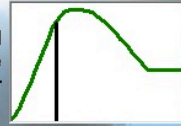
#### Quick Summary

Net \$/acre:	\$491.58
Break Even \$/b	\$0.94

# CPS

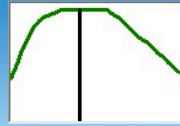


Total Available Water




Soil Moisture: 2.8  
Precipitation: 7.5 10  
Irrigation: 0

Growing Degree Days




1415

CPS Wheat  
Max Yield: 110



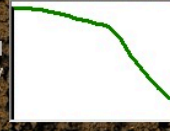
Yield: 99.5

Water Storage



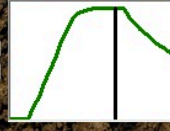
Sandy

Soil Density



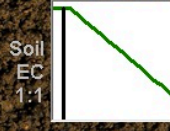
64% Clay

Soil pH

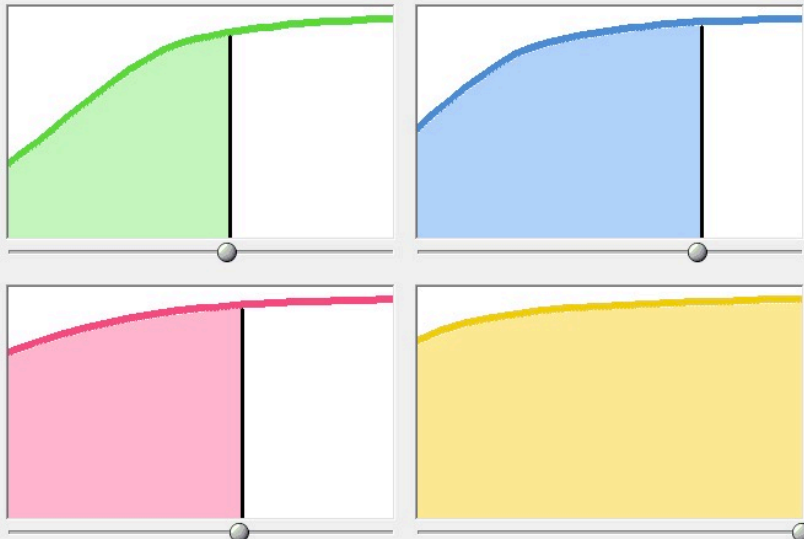


VAM 1.3

Soil EC 1:1




6.96 0.96



STEVE LAROCQUE SE 20-31-20 W4

N	33.7	193.2	90.5
P <sub>2</sub> O <sub>5</sub>	14.5	71.8	41.7
K <sub>2</sub> O	74.3	176.7	61.4
S	10.9	23.2	12.3
Ca	746.4	19.9	
Mg	123.8	27.6	
Cu	0.14	0.17	
Zn	0.06	0.55	0.490
Mn	2.79	0.66	
Fe	5.21	0.55	
B	0.19	0.07	



Field Map
Summary

### Economics


Gross Income	
\$/bushel	\$/acre
\$6.13	\$609.96

Other Expenses	
	\$/acre
	\$0.00

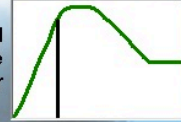
Fertilizer Cost	
	\$/acre
N	\$37.10
P	\$18.77
K	\$19.03
S	\$5.04
<b>Total:</b>	<b>\$79.94</b>

Quick Summary	
Net \$/acre:	\$/acre
	\$530.02
Break Even \$/b	\$0.80

# SWS

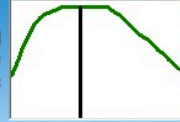


Total Available Water




Soil Moisture: 2.8  
Precipitation: 7.5 10  
Irrigation: 0

Growing Degree Days




1415


Soft White Spring  
Max Yield: 115



Yield: 108

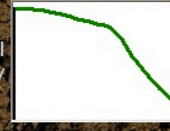


Water Storage



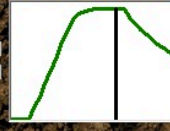
Sandy

Soil Density




64% Clay

Soil pH



VAM 1.3


Soil EC 1:1



6.96 0.96

STEVE LAROCQUE SE 20-31-20 W4

N	39.3	160.9	78.4
P <sub>2</sub> O <sub>5</sub>	17.0	74.7	57.7
K <sub>2</sub> O	86.8	195.4	61.5
S	12.8	19.5	6.7
Ca		871.3	20.7
Mg		144.5	28.7
Cu		0.16	0.17
Zn	0.07	0.57	0.500
Mn		3.26	0.69
Fe		6.08	0.57
B		0.22	0.07



Field Map
Summary

### Economics

Gross Income	
\$/bushel	\$/acre
\$5.26	\$566.68
Other Expenses	
\$0.00	
Fertilizer Cost	
\$/lb	\$/acre
N	\$0.41
P	\$0.45
K	\$0.31
S	\$0.41
<b>Total:</b>	<b>\$79.92</b>

Quick Summary	
Net \$/acre:	\$486.76
Break Even \$/b	\$0.74