

Table 5. 2020 Production Costs and Returns (\$/acre) Dark Brown Soils

**2020 Production Costs and Returns (\$/acre) Dark Brown Soils**

Stubble Seeded Crops														
AgriProfit\$	Spring	CPS	Durum	Winter	Feed	Malt	Milling	Argentine	Field	Flax	Yellow	Red	Mixed	Cereal
	Wheat	Wheat	Wheat	Wheat	Barley	Barley	Oats	HT Canola	Peas	Peas	Mustard	Lentil	Hay	Silage
	<sup>1</sup> CWRS 13.5%	<sup>1</sup> CPSR	<sup>1</sup> CWAD 13%	Select CWRW	<sup>1</sup> CW	Select CW 2R	<sup>2</sup> CW	<sup>1</sup> CAN	<sup>2</sup> CAN	<sup>1</sup> CW	<sup>1</sup> CAN			
Expected Yield per Acre	44.00 bu	49.00 bu	41.00 bu	46.00 bu	63.00 bu	63.00 bu	75.00 bu	35.00 bu	48.00 bu	21.00 bu	706.00 lbs	1500.00 lbs	1.75 t	5.73 t
Expected Market Price	6.70 /bu	5.75 /bu	6.70 /bu	5.50 /bu	4.00 /bu	5.25 /bu	3.35 /bu	10.50 /bu	7.00 /bu	11.75 /bu	0.35 /lb	0.19 /lb	85.00 /t	58.56 /t
<b>Crop Sales (\$/acre)</b>	<b>294.80</b>	<b>281.75</b>	<b>274.70</b>	<b>253.00</b>	<b>252.00</b>	<b>330.75</b>	<b>251.25</b>	<b>367.50</b>	<b>336.00</b>	<b>246.75</b>	<b>247.10</b>	<b>285.00</b>	<b>148.75</b>	<b>335.55</b>
<b>Direct Expenses:</b>														
Seed, Cleaning & Treatment	23.00	23.00	33.00	25.00	20.60	23.00	13.46	57.75	39.09	28.60	24.15	36.00	3.73	18.56
Fertilizer (NPKS blend)	44.50 60-25-5-0	44.50 60-25-5-0	44.50 60-25-5-0	44.50 60-25-5-0	49.50 70-25-5-0	55.00 60-30-15-10	37.50 55-20-0-0	63.00 75-30-10-15	15.50 5-20-10-0	35.00 50-20-0-0	41.50 50-25-0-10	14.00 5-25-0-0	12.00 10-15-0-0	40.00 60-20-0-0
Chemical	35.37	35.37	35.37	19.44	18.77	35.37	14.35	30.19	37.10	20.02	13.21	60.35 *	0.81	14.35
Hail/Crop Insurance	15.78	18.80	16.35	12.35	11.51	16.90	13.06	23.25	20.75	17.80	14.61	26.94	NA	NA
Trucking & Marketing	15.48	17.24	14.43	16.19	18.14	18.14	15.19	10.45	16.89	6.94	4.22	8.96	42.51	18.33
Fuel, Oil & Lube	13.15	15.02	15.47	15.00	13.34	14.23	12.80	15.49	15.41	11.86	13.87	12.27	9.39	13.87
Machinery Repairs	12.76	13.02	11.46	12.50	12.50	13.02	11.46	15.63	14.06	11.46	11.46	8.33	9.90	7.29
Building Repairs	1.04	1.56	1.04	1.04	2.08	2.60	1.04	1.56	1.82	1.56	1.56	2.86	2.60	1.30
Custom Work	2.04	3.06	3.06	3.06	6.12	6.12	2.04	5.10	3.06	8.17	4.59	2.04	9.70	40.83
Labour (Paid and Unpaid)	12.77	13.28	11.75	12.77	12.51	13.28	13.28	14.30	12.51	14.81	13.79	13.28	10.22	10.22
Utilities & Miscellaneous	10.34	10.34	8.96	8.96	8.96	8.96	6.27	8.96	8.96	8.96	8.96	6.71	6.27	7.18
Operating Interest	5.14	5.14	5.64	4.45	4.44	5.67	3.27	7.55	4.58	4.18	3.94	5.52	0.83	3.65
<b>Total Direct Expense</b>	<b>191.38</b>	<b>200.34</b>	<b>201.02</b>	<b>175.25</b>	<b>178.48</b>	<b>212.28</b>	<b>143.73</b>	<b>253.23</b>	<b>189.73</b>	<b>169.35</b>	<b>155.86</b>	<b>197.26</b>	<b>107.96</b>	<b>175.58</b>
<b>Contribution Margin</b>	<b>103.42</b>	<b>81.41</b>	<b>73.68</b>	<b>77.75</b>	<b>73.52</b>	<b>118.47</b>	<b>107.52</b>	<b>114.27</b>	<b>146.27</b>	<b>77.40</b>	<b>91.24</b>	<b>87.74</b>	<b>40.79</b>	<b>159.97</b>
<b>Total Cost per Unit</b>	<b>6.56</b>	<b>6.07</b>	<b>7.27</b>	<b>5.92</b>	<b>4.38</b>	<b>4.91</b>	<b>3.21</b>	<b>10.01</b>	<b>5.98</b>	<b>12.69</b>	<b>0.36</b>	<b>0.18</b>	<b>103.03</b>	<b>43.27</b>
<b>Break-Even Yield</b>	<b>44.00 bu</b>	<b>52.00 bu</b>	<b>45.00 bu</b>	<b>50.00 bu</b>	<b>69.00 bu</b>	<b>59.00 bu</b>	<b>72.00 bu</b>	<b>34.00 bu</b>	<b>41.00 bu</b>	<b>23.00 bu</b>	<b>723.00 lbs</b>	<b>1418.89 lbs</b>	<b>2.12 t</b>	<b>4.23 t</b>

Capital Costs by Enterprise	Crops	Forages
Crop Share/Cash Rent	55.50	34.50
Licenses and Insurance	5.42	5.70
Depreciation	31.21	19.35
Paid Capital Interest	6.01	13.52
<b>Total Capital Costs</b>	<b>98.13</b>	<b>73.06</b>
Adjusted Capital Costs	97.15	72.33

Questions?  
 Manglai 780-422-4056  
 Production Crops Economist, Economics Section  
 Alberta Agriculture and Forestry

Prepared Feb 21, 2020