

For Alfalfa yield

Scott Dick

From: Loro, Petra (ARD) <Petra.Loro@gov.mb.ca>
Sent: October 26, 2020 4:08 PM
To: Scott Dick
Subject: FW: Yield question

I sent your question to MASC and they provided this response.

From: Zhou, Linda (MASC) <lzhou@masc.mb.ca>
Sent: October-26-20 4:06 PM
To: Loro, Petra (ARD) <Petra.Loro@gov.mb.ca>
Cc: Sawka, Clay (ARD) <Clay.Sawka@gov.mb.ca>
Subject: RE: Yield question

Hi Petra,

- Karen (my new supervisor) and I dug into the database and found that there was insufficient information to display in 2016,17 and 18 yet there is enough to display for mmpp in 2016 and 2018 years. So we think that some uninsurable fields are included for MMPP data for at least some years.

Here is the 2020 regional PY for alfalfa (using 2009-2018). St Annes would be in region 5 and 6 depending on legal.

	New (<4 year)	tonne	tons
19	1	2.189	2.412
19	2	2.044	2.252
19	3	2.046	2.255
19	4	2.359	2.600
19	5	2.753	3.034
19	6	2.458	2.709

Used 70% <4yr and 30% >4 yr for a 5 year rotation w established included in that (using zone 5)

=2.8591 tons/ac

	Old(>4 year)	10 yr avg	tons
19	1	1.598	1.761
19	2	1.451	1.599
19	3	1.695	1.868
19	4	1.827	2.013
19	5	2.224	2.451
19	6	1.841	2.029

- As for the soil zone project, I forwarded your email to our IT staff last week. I will updated you on that.

Linda

From: Loro, Petra (ARD) <Petra.Loro@gov.mb.ca>
Sent: Monday, October 26, 2020 12:31 PM



Select Municipalities or MASC Risk Areas



Tip: Click or touch the 'X' (at right) in these tip balloons to hide them permanently.



Tip: Click or touch the button below to select Municipalities or MASC Risk Areas.



Municipalities

Tip: Click or touch in the select boxes (below) to select at least one item from each list. Click or touch the icon to clear all selected items.



STE. ANNE, TACHE ▶



Select Crop(s)

Tip: If more than one crop is selected, the Yield Variety Data will be returned, but 'Top Varieties by Acres' and 'Top Varieties by Yield' charts won't be generated.



ARGENTINE CANOLA ▶



Select Varieties

All Varieties ▶



Select Year Range



1993

1998

2002

2007

2012

2017

2010

to

2019

Search Summary

232 records returned

1,044 farm varieties grown on 184,010.5 acres

Average Yield

0.817 Tonnes (36.0 Bushels) per acre

Summary includes aggregate data from 'below minimum tolerance' records

Variety Yield Data

'Below Minimum Tolerance' records contain data from fewer than 3 producers or 500 acres, marked as such to retain producer anonymity. Data from these records is included in the Search Summary totals.

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Year	Risk Area / R.M.	Crop	Variety	Farms	Acres	Yield/acre (Metric)	Yield/acre (Imperial)
2013	TACHE	ARGENTINE CANOLA	5440 (INVIGOR) PHS04-690 (LT)	8	1,550.0	1.306 Tonnes	57.6 Bushels
2013	TACHE	ARGENTINE CANOLA	L150 (INVIGOR) (LT)	20	3,255.0	1.274 Tonnes	56.2 Bushels
2017	TACHE	ARGENTINE CANOLA	L252 (INVIGOR) (LT)	7	1,397.0	1.264 Tonnes	55.7 Bushels
2017	TACHE	ARGENTINE CANOLA	L140P (INVIGOR) (LT) {PSR-R}	23	5,769.0	1.237 Tonnes	54.5 Bushels
2017	TACHE	ARGENTINE CANOLA	L233P (BASF) 5CN0130 (LT){PSR-R}	9	1,281.0	1.214 Tonnes	53.5 Bushels
2017	STE. ANNE	ARGENTINE CANOLA	L233P (BASF) 5CN0130 (LT){PSR-R}	3	555.0	1.204 Tonnes	53.1 Bushels
2018	TACHE	ARGENTINE CANOLA	L252 (INVIGOR) (LT)	9	2,149.0	1.182 Tonnes	52.1 Bushels
2013	STE. ANNE	ARGENTINE CANOLA	5440 (INVIGOR) PHS04-690 (LT)	7	1,076.0	1.180 Tonnes	52.0 Bushels
2017	STE. ANNE	ARGENTINE CANOLA	L140P (INVIGOR) (LT) {PSR-R}	18	2,420.0	1.180 Tonnes	52.0 Bushels
2018	TACHE	ARGENTINE CANOLA	L233P (BASF) 5CN0130 (LT){PSR-R}	23	4,986.0	1.178 Tonnes	51.9 Bushels
2019	TACHE	ARGENTINE CANOLA	L233P (BASF) 5CN0130 (LT){PSR-R}	23	5,108.0	1.135 Tonnes	50.0 Bushels
2015	TACHE	ARGENTINE CANOLA	L150 (INVIGOR) (LT)	3	733.0	1.130 Tonnes	49.8 Bushels
2018	STE. ANNE	ARGENTINE CANOLA	L140P (INVIGOR) (LT) {PSR-R}	14	2,573.0	1.115 Tonnes	49.2 Bushels
2013	TACHE	ARGENTINE CANOLA	L130 (INVIGOR) (LT)	7	787.0	1.114 Tonnes	49.1 Bushels
2018	TACHE	ARGENTINE CANOLA	L140P (INVIGOR) (LT) {PSR-R}	15	2,608.0	1.110 Tonnes	49.0 Bushels



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STE. ANNE, TACHE ▶



Select Crop(s)

Tip: If more than one crop is selected, the Yield Variety Data will be returned, but 'Top Varieties by Acres' and 'Top Varieties by Yield' charts won't be generated.



GRAIN CORN ▶



Select Varieties

All Varieties ▶



Select Year Range



1993

1998

2002

2007

2012

2017

2010

to

2019

Search Summary

229 records returned

584 farm varieties grown on 65,293.0 acres

Average Yield

3.180 Tonnes (125.2 Bushels) per acre

Summary includes aggregate data from 'below minimum tolerance' records

Variety Yield Data

'Below Minimum Tolerance' records contain data from fewer than 3 producers or 500 acres, marked as such to retain producer anonymity. Data from these records is included in the Search Summary totals.

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Year	Risk Area / R.M.	Crop	Variety	Farms	Acres	Yield/acre (Metric)	Yield/acre (Imperial)
2013	STE. ANNE	GRAIN CORN	39D97 (PIONEER) (BT)(LT)(RT)	14	2,546.0	4.297 Tonnes	169.2 Bushels
2016	STE. ANNE	GRAIN CORN	P7958AM (PIONEER)	9	1,036.0	4.143 Tonnes	163.1 Bushels
2016	STE. ANNE	GRAIN CORN	P7632AM (PIONEER) (BT)(LT)(RT)	15	2,355.0	4.007 Tonnes	157.7 Bushels
2013	STE. ANNE	GRAIN CORN	39D95 (PIONEER) (BT)(LT)(RT)	14	1,306.0	3.970 Tonnes	156.3 Bushels
2016	TACHE	GRAIN CORN	P7632AM (PIONEER) (BT)(LT)(RT)	8	1,148.0	3.969 Tonnes	156.3 Bushels
2015	STE. ANNE	GRAIN CORN	P7958AM (PIONEER)	6	1,062.0	3.917 Tonnes	154.2 Bushels
2013	TACHE	GRAIN CORN	39D95 (PIONEER) (BT)(LT)(RT)	13	2,335.0	3.885 Tonnes	153.0 Bushels
2018	TACHE	GRAIN CORN	P7632AM (PIONEER) (BT)(LT)(RT)	7	1,115.0	3.872 Tonnes	152.4 Bushels
2015	STE. ANNE	GRAIN CORN	P7632HR (PIONEER) (BT)(RT)	5	634.0	3.808 Tonnes	149.9 Bushels
2018	STE. ANNE	GRAIN CORN	P7527AM (PIONEER) (LT)(RT)	14	1,636.0	3.648 Tonnes	143.6 Bushels
2017	TACHE	GRAIN CORN	TH 7578 VT2P RIB (THUNDER) (RT)(RIB)	4	816.0	3.486 Tonnes	137.2 Bushels
2017	STE. ANNE	GRAIN CORN	P7632AM (PIONEER) (BT)(LT)(RT)	18	2,636.0	3.378 Tonnes	133.0 Bushels
2014	STE. ANNE	GRAIN CORN	P7632HR (PIONEER) (HX1)(LT)(RT)	6	533.0	3.363 Tonnes	132.4 Bushels
2017	STE. ANNE	GRAIN CORN	P7958AM (PIONEER)	8	1,107.0	3.252 Tonnes	128.0 Bushels
2014	TACHE	GRAIN CORN	39D97 (PIONEER) (BT)(LT)(RT)	4	687.0	3.194 Tonnes	125.7 Bushels
2019	STE. ANNE	GRAIN CORN	P7527AM (PIONEER) (LT)(RT)	11	1,426.0	3.190 Tonnes	125.6 Bushels



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Tip: Click or touch in the select boxes (below) to select at least one item from each list. Click or touch the icon to clear all selected items.

Select Crop(s)

Tip: If more than one crop is selected, the Yield Variety Data will be returned, but 'Top Varieties by Acres' and 'Top Varieties by Yield' charts won't be generated.

Select Varieties

Select Year Range

 to

Search Summary

150 records returned

200 farm varieties grown on 20,080.0 acres

Average Yield

11.961 Tonnes (13.181 Tons) per acre

Summary includes aggregate data from 'below minimum tolerance' records

Variety Yield Data

'Below Minimum Tolerance' records contain data from fewer than 3 producers or 500 acres, marked as such to retain producer anonymity. Data from these records is included in the Search Summary totals.

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Year	Risk Area / R.M.	Crop	Variety	Farms	Acres	Yield/acre (Metric)	Yield/acre (Imperial)
2019	STE. ANNE	SILAGE CORN	P8581R (PIONEER) (RT)	4	547.0	12.338 Tonnes	13.596 Tons
2018	STE. ANNE	SILAGE CORN	P8581R (PIONEER) (RT)	5	509.0	11.894 Tonnes	13.107 Tons
2010	STE. ANNE	SILAGE CORN	MURANO (ELITE) (RT)	Below	Minimum	Tolerance	
2010	STE. ANNE	SILAGE CORN	P3995 (PIONEER)	Below	Minimum	Tolerance	
2010	STE. ANNE	SILAGE CORN	P8581R (PIONEER) (RT)	Below	Minimum	Tolerance	
2010	STE. ANNE	SILAGE CORN	39894 (PIONEER) (BT) (LT)(RT)	Below	Minimum	Tolerance	
2010	STE. ANNE	SILAGE CORN	39D95 (PIONEER) (BT)(LT)(RT)	Below	Minimum	Tolerance	
2010	STE. ANNE	SILAGE CORN	39D97 (PIONEER) (BT)(LT)(RT)	Below	Minimum	Tolerance	
2010	STE. ANNE	SILAGE CORN	39V05 (PIONEER) (RT)	Below	Minimum	Tolerance	
2010	TACHE	SILAGE CORN	DKC26-78 (DEKALB) (RT)	Below	Minimum	Tolerance	
2010	TACHE	SILAGE CORN	DKC26-79 (DEKALB) (BT)(RT)	Below	Minimum	Tolerance	
2010	TACHE	SILAGE CORN	FUSION RR (ELITE) (RT)	Below	Minimum	Tolerance	
2010	TACHE	SILAGE CORN	HL SR22 (HYLAND) (RT)	Below	Minimum	Tolerance	
2010	TACHE	SILAGE CORN	HZ 830GT (HORIZON) (RT)	Below	Minimum	Tolerance	
2010	TACHE	SILAGE CORN	P7213R (PIONEER) (RT)	Below	Minimum	Tolerance	
2010	TACHE	SILAGE CORN	P8581R (PIONEER) (RT)	Below	Minimum	Tolerance	



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Select Crop(s)

Tip: If more than one crop is selected, the Yield Variety Data will be returned, but 'Top Varieties by Acres' and 'Top Varieties by Yield' charts won't be generated.



Select Varieties



Select Year Range



1993

1998

2002

2007

2012

2017

2010

to

2019

Search Summary

483 records returned

1,667 farm varieties grown on 305,278.0 acres

Average Yield

0.944 Tonnes (34.7 Bushels) per acre

Summary includes aggregate data from 'below minimum tolerance' records

Variety Yield Data

'Below Minimum Tolerance' records contain data from fewer than 3 producers or 500 acres, marked as such to retain producer anonymity. Data from these records is included in the Search Summary totals.

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Year	Risk Area / R.M.	Crop	Variety	Farms	Acres	Yield/acre (Metric)	Yield/acre (Imperial)
2016	TACHE	SOYBEANS	S00-T9 (SYNGENTA) (RT)	6	777.0	1.393 Tonnes	51.2 Bushels
2016	TACHE	SOYBEANS	LS MAIDAN (LEGEND) [GS00872] (RT)	4	500.0	1.371 Tonnes	50.4 Bushels
2016	STE. ANNE	SOYBEANS	LS MAIDAN (LEGEND) [GS00872] (RT)	6	647.0	1.331 Tonnes	48.9 Bushels
2015	TACHE	SOYBEANS	ASTRO R2 (PROGRAIN) (RT)	6	979.0	1.314 Tonnes	48.3 Bushels
2015	TACHE	SOYBEANS	TH 33003R2Y (THUNDER) (RT)	3	530.0	1.271 Tonnes	46.7 Bushels
2016	STE. ANNE	SOYBEANS	NSC RICHER RR2Y (NSGENETICS) (RT)	6	704.0	1.263 Tonnes	46.4 Bushels
2015	TACHE	SOYBEANS	S007-Y4 RR2Y (SYNGENTA) (RT)	8	993.0	1.255 Tonnes	46.1 Bushels
2015	TACHE	SOYBEANS	TH 33005R2Y (THUNDER) (RT)	3	1,065.0	1.248 Tonnes	45.9 Bushels
2016	TACHE	SOYBEANS	S007-Y4 RR2Y (SYNGENTA) (RT)	7	1,715.0	1.247 Tonnes	45.8 Bushels
2018	TACHE	SOYBEANS	S007-Y4 RR2Y (SYNGENTA) (RT)	7	2,267.0	1.241 Tonnes	45.6 Bushels
2016	STE. ANNE	SOYBEANS	MCLEOD R2 (SECAN) (RT)	7	635.0	1.232 Tonnes	45.3 Bushels
2016	STE. ANNE	SOYBEANS	P008T22R2 (PIONEER) (RT)	8	1,417.0	1.209 Tonnes	44.4 Bushels
2016	STE. ANNE	SOYBEANS	25-10RY (DEKALB) (RT)	9	1,441.0	1.205 Tonnes	44.3 Bushels
2016	TACHE	SOYBEANS	TH 34006 R2Y (THUNDER) (RT)	3	552.0	1.204 Tonnes	44.2 Bushels
2016	TACHE	SOYBEANS	ASTRO R2 (PROGRAIN) (RT)	3	530.0	1.200 Tonnes	44.1 Bushels
2013	STE. ANNE	SOYBEANS	900Y61 (PIONEER) (RT)	9	1,478.0	1.194 Tonnes	43.9 Bushels
2018	TACHE	SOYBEANS	S006-W5 (SYNGENTA)[AR12010501][X2R00753]	6	1,421.0	1.193 Tonnes	43.8 Bushels
2013	TACHE	SOYBEANS	NSC RICHER RR2Y (NSGENETICS) (RT)	14	1,731.0	1.186 Tonnes	43.6 Bushels
2015	TACHE	SOYBEANS	LS 005R24 (LEGEND) [MKZ1112A1] (RT)	3	520.0	1.184 Tonnes	43.5 Bushels




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Select Crop(s)

Tip: If more than one crop is selected, the Yield Variety Data will be returned, but 'Top Varieties by Acres' and 'Top Varieties by Yield' charts won't be generated.



Select Varieties



Select Year Range



2010 to 2019

Search Summary

115 records returned

650 farm varieties grown on 121,527.0 acres

Average Yield

1.622 Tonnes (59.6 Bushels) per acre

Summary includes aggregate data from 'below minimum tolerance' records

Variety Yield Data

'Below Minimum Tolerance' records contain data from fewer than 3 producers or 500 acres, marked as such to retain producer anonymity. Data from these records is included in the Search Summary totals.

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Year	Risk Area / R.M.	Crop	Variety	Farms	Acres	Yield/acre (Metric)	Yield/acre (Imperial)
2017	TACHE	RED SPRING WHEAT	AAC ELIE(BW931)	3	1,045.0	2.478 Tonnes	91.1 Bushels
2018	STE. ANNE	RED SPRING WHEAT	AAC BRANDON (BW 932)	17	2,252.0	2.280 Tonnes	83.8 Bushels
2017	STE. ANNE	RED SPRING WHEAT	AAC BRANDON (BW 932)	13	1,817.0	2.158 Tonnes	79.3 Bushels
2018	TACHE	RED SPRING WHEAT	AAC BRANDON (BW 932)	38	9,716.0	2.124 Tonnes	78.0 Bushels
2017	TACHE	RED SPRING WHEAT	AAC BRANDON (BW 932)	28	5,940.0	2.120 Tonnes	77.9 Bushels
2017	TACHE	RED SPRING WHEAT	CARBERRY (BW874)	4	754.0	2.046 Tonnes	75.2 Bushels
2017	TACHE	RED SPRING WHEAT	CARDALE (BW429)	10	2,378.0	2.017 Tonnes	74.1 Bushels
2013	TACHE	RED SPRING WHEAT	CARBERRY (BW874)	14	2,561.0	1.964 Tonnes	72.2 Bushels
2017	STE. ANNE	RED SPRING WHEAT	CARDALE (BW429)	5	782.0	1.834 Tonnes	67.4 Bushels
2013	TACHE	RED SPRING WHEAT	GLENN	9	2,484.0	1.804 Tonnes	66.3 Bushels
2019	STE. ANNE	RED SPRING WHEAT	AAC BRANDON (BW 932)	28	3,363.0	1.801 Tonnes	66.2 Bushels
2013	STE. ANNE	RED SPRING WHEAT	WR859 CL (BW859)	4	775.0	1.797 Tonnes	66.0 Bushels
2018	TACHE	RED SPRING WHEAT	CARDALE (BW429)	11	2,704.0	1.797 Tonnes	66.0 Bushels
2015	TACHE	RED SPRING WHEAT	CARBERRY (BW874)	10	2,231.0	1.760 Tonnes	64.7 Bushels
2013	TACHE	RED SPRING WHEAT	WR859 CL (BW859)	9	1,546.0	1.753 Tonnes	64.4 Bushels
2013	TACHE	RED SPRING WHEAT	KANE (BW342)	5	651.0	1.712 Tonnes	62.9 Bushels



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Select Crop(s)

Tip: If more than one crop is selected, the Yield Variety Data will be returned, but 'Top Varieties by Acres' and 'Top Varieties by Yield' charts won't be generated.

Select Varieties

Select Year Range

 to

Search Summary

119 records returned

476 farm varieties grown on 75,892.0 acres

Average Yield

1.507 Tonnes (97.7 Bushels) per acre

Summary includes aggregate data from 'below minimum tolerance' records

Variety Yield Data

'Below Minimum Tolerance' records contain data from fewer than 3 producers or 500 acres, marked as such to retain producer anonymity. Data from these records is included in the Search Summary totals.

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Year	Risk Area / R.M.	Crop	Variety	Farms	Acres	Yield/acre (Metric)	Yield/acre (Imperial)
2017	TACHE	OATS	SOURIS	8	1,819.0	2.444 Tonnes	158.5 Bushels
2017	TACHE	OATS	SUMMIT (OT 2046)	9	1,285.0	2.435 Tonnes	157.9 Bushels
2017	TACHE	OATS	CS CAMDEN	6	686.0	2.355 Tonnes	152.7 Bushels
2018	TACHE	OATS	CS CAMDEN	10	1,261.0	2.333 Tonnes	151.3 Bushels
2019	TACHE	OATS	SOURIS	4	1,145.0	2.057 Tonnes	133.4 Bushels
2018	TACHE	OATS	SUMMIT (OT 2046)	11	1,854.0	1.995 Tonnes	129.4 Bushels
2018	TACHE	OATS	SOURIS	4	1,392.0	1.988 Tonnes	128.9 Bushels
2019	TACHE	OATS	CS CAMDEN	9	1,667.0	1.930 Tonnes	125.2 Bushels
2013	TACHE	OATS	SOURIS	14	2,413.0	1.887 Tonnes	122.3 Bushels
2013	TACHE	OATS	SUMMIT (OT 2046)	4	1,269.0	1.849 Tonnes	119.9 Bushels
2013	STE. ANNE	OATS	SOURIS	4	500.0	1.838 Tonnes	119.2 Bushels
2015	TACHE	OATS	SOURIS	14	2,361.0	1.810 Tonnes	117.4 Bushels
2016	TACHE	OATS	SOURIS	9	1,465.0	1.809 Tonnes	117.3 Bushels
2014	TACHE	OATS	SOURIS	11	2,338.0	1.787 Tonnes	115.8 Bushels
2015	TACHE	OATS	SUMMIT (OT 2046)	8	1,490.0	1.732 Tonnes	112.3 Bushels
2014	TACHE	OATS	SUMMIT (OT 2046)	8	1,618.0	1.598 Tonnes	103.6 Bushels
2012	TACHE	OATS	SOURIS	17	3,922.0	1.562 Tonnes	101.3 Bushels
2012	TACHE	OATS	SUMMIT (OT 2046)	6	755.0	1.502 Tonnes	97.4 Bushels
2012	TACHE	OATS	LEGGETT (OT2021)	10	2,287.0	1.496 Tonnes	97.0 Bushels
2016	TACHE	OATS	SUMMIT (OT 2046)	8	1,417.0	1.461 Tonnes	94.8 Bushels
2011	TACHE	OATS	TRIACTOR (OT582)	6	1,214.0	1.362 Tonnes	88.3 Bushels
2019	TACHE	OATS	SUMMIT (OT 2046)	12	2,365.0	1.341 Tonnes	87.0 Bushels
2011	STE. ANNE	OATS	SOURIS	13	1,661.0	1.325 Tonnes	85.9 Bushels