

2024 Regional Answer Plot Trial Summary

YIELD > Plot mean

YIELD Greater than Mean of all Locations

Irrigated Location

SPT00	CROPLAN							Asgrow			Brevant		NK					Xitavo			
	CP00312X	CP00545XF	CP00824E	CP00840XF	CP00944XF	CP0124E	CP0244XF	AG005XF3	AG007XF5	AG009XF3	B0083EE	B014EE	NK008-P8XF	NK02-W8E3	NK02-Y2XF	P007A68E	XO0094E	XO0234E	Plot Mean	LSD (.10)
Cando-ND	70	69	66	80	80	78	75	63	72	74	76	75	81	80	76	79	67	73	74.0	3.1
Hannaford-ND	48	50	65	66	66	68	63	50	67	58	62	63	70	68	67	61	69	64	62.3	4.7
Harvey-ND	55	55	63	64	68	67	63	53	60	61	64	59	67	71	63	63	62	67	62.3	3.2
Larimore-ND	53	55	64	66	66	65	61	54	59	58	63	58	67	68	60	62	64	67	61.7	4.9
Warren-MN	42	50	62	62	67	62	62	44	58	56	62	59	61	59	59	61	63	59	57.2	4.3
Washburn-ND	46	47	51	51	49	51	47	39	46	47	44	42	48	55	46	47	51	51	47.8	3.8
Overall Ave	**52.3**	**54.3**	**61.7**	**64.8**	**66.0**	**65.0**	**62.0**	**50.5**	**60.4**	**58.9**	**61.9**	**59.4**	**65.5**	**66.6**	**61.8**	**62.2**	**62.7**	**63.5**	**60.9**	
Overall % of Mean	**86%**	**89%**	**101%**	**106%**	**108%**	**107%**	**102%**	**83%**	**99%**	**97%**	**102%**	**98%**	**108%**	**109%**	**102%**	**102%**	**103%**	**104%**		

Notes Warren had some IDC; mild to moderate pressure that recovered fairly quickly

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Irrigated Location

SPT04	CROPLAN						Asgrow				Brevant			NK			Pioneer			Xitavo				
	CP0124E	CP0244XF	CP0325E	CP0440XF	CP0530E	CP0542XF	AG02XF4	AG02XF5	AG04XF4	AG06XF3	B032EE	B053EE	B054EE	NK03-J1XF	NK06-A1E3	NK06-C4XF	P02A78E	P03A26X	P04T02E	XO0315E	XO0554E	XO0602E	Plot Mean	LSD (.10)
GlenUllin-ND	41	34	39	39	37	44	34	39	36	41	37	39	37	39	38	43	36	39	39	38	36	43	39.1	4.1
Hannaford-ND	63	61	63	62	63	62	65	61	61	66	65	61	64	61	62	64	62	66	67	60	64	69	63.5	4.3
Harvey-ND	66	55	58	66	67	61	70	63	63	69	67	63	66	58	59	66	57	68	66	65	67	70	64.4	4.3
Hazelton-ND	58	51	57	62	57	70	52	66	61	53	58	56	62	53	61	66	57	56	61	65	56	64	59.1	4.9
Edgeley-ND	45	34	34	47	46	44	38	38	37	40	42	47	56	37	44	45	39	44	51	49	48	46	43.9	5.6
Larimore-ND	68	59	55	67	63	60	64	59	67	69	68	63	73	61	65	65	65	70	60	65	67	68	64.5	5.3
Ulen-MN	51	55	51	61	60	62	53	53	57	60	67	54	57	56	51	63	47	50	57	53	60	61	56.0	6.7
Warren-MN	61	61	54	60	66	58	61	60	64	61	60	54	64	53	65	64	62	69	60	60	60	65	60.9	6.3
Washburn-ND	54	47	49	52	54	55	53	52	55	54	57	48	55	53	54	52	51	59	59	55	58	66	54.9	6.0
Overall Ave	**56.4**	**50.8**	**50.9**	**57.2**	**57.0**	**57.3**	**54.6**	**54.5**	**55.7**	**57.0**	**57.7**	**53.9**	**59.3**	**52.2**	**55.4**	**58.5**	**53.0**	**57.9**	**57.6**	**56.6**	**57.2**	**61.3**	**56.2**	
Overall % of Mean	**100%**	**90%**	**91%**	**102%**	**101%**	**102%**	**97%**	**97%**	**99%**	**101%**	**103%**	**96%**	**106%**	**93%**	**99%**	**104%**	**94%**	**103%**	**103%**	**101%**	**102%**	**109%**		
Mild/Mod IDC	61	61	54	60	66	58	61	60	64	61	60	54	64	53	65	64	62	69	60	60	60	65	**61.1**	
Yield Env <55 bu	47	38	41	46	46	48	42	43	43	45	45	45	49	43	45	47	42	47	50	47	47	52	**45.8**	
Yield Env >55 bu	61	57	56	63	63	62	61	60	62	63	64	59	64	57	60	65	59	63	62	61	62	66	**61.5**	
West of 281	53	44	47	53	52	55	50	51	50	52	52	51	55	48	51	54	48	53	55	54	53	58	**52.1**	
East of 281	61	59	55	63	63	60	61	58	62	64	65	58	65	58	61	64	59	63	61	60	63	66	**61.4**	

Notes

Casselton was not planted and Evansville, Tappen and Wahpeton will not have data at the RM this year because data did not meet quality standards
Warren had some IDC; mild to moderate pressure that recovered fairly quickly



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YIELD > Mean of all Locations

YIELD Greater than Plot mean

Irrigated Location

SPT08	CROPLAN				Asgrow				Brevant			NK			Pioneer			Xitavo				
	CP0740XF	CP0820E	CP0925E	CP0940XF	AG09XF3	AG10XF4	AG11XF4	AG12XF5	B053EE	B054EE	B074EE	NK07-G5E3	NK08-R3XF	NK08-Z4E3	P07T59E	P08A44E	P09T93E	XO0993E	XO1095E	XO1225E	Plot Mean	LSD (.10)
Belgrade-MN	66	74	64	67	71	69	65	68	65	65	77	73	66	81	72	63	60	84	67	64	69.1	6.7
Britton-SD	46	51	48	43	46	47	43	44	44	49	49	46	49	53	49	47	57	55	40	48	48.0	6.0
GlenUllin-ND	39	43	38	42	41	42	40	37	38	43	40	38	41	37	41	40	41	41	42	37	39.8	3.8
Hazelton-ND	56	63	58	57	54	57	54	52	56	61	59	63	58	63	64	61	71	63	59	57	59.4	6.4
Edgeley-ND	48	44	45	50	34	54	45	48	47	47	45	44	54	42	42	49	48	48	49	50	46.7	5.8
Tappen-ND	64	61	59	64	58	59	60	57	57	57	60	58	64	58	63	62	65	59	59	59	60.0	4.1
Ulen-MN	64	62	59	64	62	62	67	60	55	64	62	59	63	63	61	63	63	62	61	64	62.4	4.9
Wahpeton-ND	62	63	58	72	62	69	70	61	61	71	65	70	61	53	53	58	68	60	65	65	64.2	6.5
Watertown-SD	62	63	59	67	60	63	63	62	60	64	62	65	67	65	62	62	68	59	59	57	62.3	3.7
Overall Ave	**56.4**	**58.1**	**54.2**	**58.6**	**54.3**	**57.8**	**56.2**	**54.2**	**53.8**	**57.9**	**57.6**	**57.5**	**58.0**	**57.3**	**56.5**	**56.0**	**60.1**	**59.0**	**55.7**	**55.7**	**56.9**	
Overall % of Mean	**99%**	**102%**	**95%**	**103%**	**95%**	**102%**	**99%**	**95%**	**95%**	**102%**	**101%**	**101%**	**102%**	**101%**	**99%**	**98%**	**106%**	**104%**	**98%**	**98%**		
East of 281	60	63	58	63	60	62	62	59	57	63	63	63	61	63	60	58	63	64	58	60	**61.2**	
West of 281	52	52	50	53	47	53	50	48	50	52	51	51	54	50	53	53	56	53	52	51	**51.5**	
Yield Env <50	44	46	43	45	40	48	42	43	43	47	45	43	48	44	44	45	49	48	44	45	**44.8**	
Yield Env >50	62	64	60	65	61	63	63	60	59	64	64	65	63	64	63	61	66	65	62	61	**62.9**	

Notes

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Irrigated Location

SPT12	CROPLAN					Asgrow				Brevant			NK			Pioneer		Xitavo				
	CP1125E	CP1130E	CP1240XF	CP1425E	CP1430E	A15E33	AG12XF5	AG14XF4	AG16XF5	B114EE	B134EE	B144EE	NK11-A4E3	NK11-U2XF	NK14-U5E3	P11T36E	P13T47E	XO1095E	XO1225E	XO1372E	Plot Mean	LSD (.10)
Belgrade-MN	67	73	68	75	72	78	70	73	69	78	64	65	79	73	70	69	72	61	68	72	70.1	6.4
Britton-SD	53	51	48	51	52	58	58	51	53	48	44	57	59	44	52	47	56	50	44	56	50.9	6.5
Hazelton-ND	53	71	52	60	56	60	52	53	50	55	59	64	54	53	51	59	64	51	65	63	57.0	6.8
Hitchcock-SD	64	66	68	71	74	73	65	72	68	69	69	76	70	68	69	72	75	69	62	75	69.0	4.6
LeSueur-MN	82	75	77	79	79	84	66	83	85	77	80	83	81	83	83	87	79	74	72	83	78.5	6.4
Minneota-MN	71	72	72	71	74	77	75	78	74	72	71	80	72	72	76	75	72	69	71	77	72.5	4.8
Murdock-MN	63	62	61	61	64	69	57	65	60	62	57	64	65	60	60	64	59	65	57	51	60.7	5.2
Morgan-MN	68	61	72	64	66	66	60	56	57	59	54	63	73	63	71	69	60	69	59	67	63.0	7.7
Santiago-MN	50	51	52	41	46	51	42	58	47	50	53	55	55	54	52	54	38	54	50	50	50.2	5.7
Tappen-ND	67	72	61	68	63	64	66	62	62	70	65	67	65	67	71	69	64	58	66	69	65.7	5.9
Wahpeton-ND	70	68	68	70	68	74	67	72	76	64	74	73	73	72	72	73	77	67	67	74	70.2	3.9
Wanamingo-MN	67	70	77	74	84	80	72	83	79	72	74	77	80	85	78	75	78	65	70	85	76.2	7.0
Watertown-SD	59	58	60	63	61	62	61	63	61	57	62	62	69	63	61	65	67	59	54	63	60.8	2.8
Overall Ave*	**64.1**	**65.3**	**64.3**	**65.0**	**66.0**	**68.8**	**62.3**	**66.7**	**64.7**	**64.0**	**63.5**	**68.1**	**68.9**	**65.9**	**66.6**	**67.4**	**66.1**	**62.2**	**61.8**	**68.0**	**65.0**	
Overall % of Mean	**99%**	**100%**	**99%**	**100%**	**102%**	**106%**	**96%**	**103%**	**100%**	**98%**	**98%**	**105%**	**106%**	**101%**	**102%**	**104%**	**102%**	**96%**	**95%**	**105%**		
MN Ave	67	66	68	66	69	72	63	71	67	67	65	69	72	70	70	70	65	65	64	69	**67.3**	
Dakotas Ave	61	64	60	64	62	65	61	62	62	61	62	67	65	61	63	64	67	59	60	67	**62.3**	
High SCN (>3K)	66	65	66	63	66	70	60	71	66	65	65	70	68	67	68	70	62	65	63	65	**65.5**	
Yield Env <60	54	58	53	53	54	58	53	56	53	52	54	59	59	54	54	56	56	53	53	58	**54.7**	
Yield Env >60	68	68	68	69	70	73	66	71	69	68	67	71	73	70	71	72	70	65	64	72	**68.7**	

Notes

Murdock had IDC stress but not as bad as most years

Belgrade had some SWM show up late but didn't seem to make huge impact on yield

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Irrigated Location

YIELD Greater than Plot mean

SPT16	CROPLAN								Asgrow			Brevant			NK			Pioneer			Xitavo				
	CP1425E	CP1430E	CP1525E	CP1540XF	CP1620E	CP1623E	CP1721E	CP1742XF	AG16XF5	AG17XF5	AG18XF1	B144EE	B152EE	B163EE	NK15-G9E3S	NK16-Z6E3	NK18-R4E3	P14A12E	P16T05E	P17A87E	XO1545E	XO1632E	XO1822E	Plot Mean	LSD (.10)
Belgrade-MN	73	76	72	69	70	74	73	66	69	66	61	63	61	69	70	71	56	67	59	67	60	74	75	67.6	6.8
Britton-SD	50	54	50	53	45	42	48	53	55	52	51	59	48	52	48	49	47	50	48	50	43	54	50	49.6	4.7
Hitchcock-SD	69	73	72	72	70	72	72	69	72	73	68	77	74	69	68	68	72	72	72	69	69	73	75	71.0	3.9
LakeVermillion-SD	71	71	67	71	66	63	70	68	68	69	65	70	73	68	61	66	71	67	69	65	66	66	71	68.0	5.1
LeSueur-MN	70	80	79	75	76	71	79	74	76	69	71	72	76	75	80	80	63	80	72	76	73	84	84	75.4	7.5
Minneota-MN	72	74	76	72	65	67	70	69	74	76	63	73	70	71	70	73	65	71	66	70	64	72	71	69.9	4.0
Morgan-MN	64	68	64	64	67	66	63	62	64	65	57	69	67	58	63	61	67	61	60	63	61	69	69	64.6	5.3
Murdock-MN	63	67	60	68	69	60	65	62	66	56	63	75	62	63	53	64	68	64	29	64	66	65	60	63.0	6.3
Pipestone-MN	61	63	64	56	56	57	52	56	61	61	58	62	57	59	62	64	54	57	57	55	55	59	61	58.0	5.0
Sheldon-IA	72	76	75	74	72	71	75	74	75	74	75	80	69	70	79	79	71	75	75	72	63	77	73	74.0	6.1
Truman-MN	80	77	73	88	69	72	70	76	80	79	77	77	79	69	77	69	79	84	71	70	78	85	79	77.7	10.3
Wanamingo-MN	70	76	83	81	67	62	72	72	72	73	71	73	72	69	74	77	68	73	74	77	78	76	83	73.6	9.5
Watertown-SD	61	59	59	59	52	49	58	58	56	56	54	62	57	55	56	60	54	51	56	58	49	55	58	55.8	3.3
Overall Ave	**67.4**	**70.3**	**68.8**	**69.3**	**64.9**	**63.6**	**66.8**	**66.1**	**68.1**	**66.8**	**64.1**	**70.1**	**66.5**	**65.1**	**66.3**	**67.7**	**64.1**	**66.9**	**62.0**	**65.8**	**63.4**	**69.9**	**69.9**	**66.7**	
Overall % of Mean	**101%**	**105%**	**103%**	**104%**	**97%**	**95%**	**100%**	**99%**	**102%**	**100%**	**96%**	**105%**	**100%**	**98%**	**99%**	**101%**	**96%**	**100%**	**93%**	**99%**	**95%**	**105%**	**105%**		
SD Ave	63	64	62	64	58	57	62	62	63	62	60	67	63	61	58	61	61	60	61	61	57	62	63	**61.0**	
MN Ave	69	73	71	72	67	66	68	67	70	68	65	71	68	67	69	70	65	70	61	68	67	73	73	**68.5**	
High SCN (>3K)	70	72	70	72	67	65	68	68	71	68	66	71	69	67	67	69	67	70	60	67	67	72	71	**68.4**	
IDC location	63	67	60	68	69	60	65	62	66	56	63	75	62	63	53	64	68	64	29	64	66	65	60	**63.0**	
Yield Env <70 bu	63	66	62	63	61	59	61	61	63	61	58	66	61	60	59	62	59	59	54	60	57	63	63	**60.7**	
Yield Env >70 bu	72	76	77	78	71	70	74	73	75	74	73	76	74	71	76	75	70	77	73	73	72	79	79	**74.3**	

Notes

Santiago did not meet quality standards
Murdock had IDC stress but not as bad as most years
Belgrade had some SWM show up late but didn't seem to make huge impact on yield

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SPT20	CROPLAN								Asgrow			Brevant			NK			Pioneer			Xitavo				
	CP1721E	CP1742XF	CP1825E	CP1830E	CP1840XF	CP2020E	CP2024E	CP2054XF	A21E34	AG19XF3	AG22XF5	B194EE	B202EE	B204EE	NK18-R4E3	NK19-T8E3S	NK21-C2E3	P18A73E	P19A66E	P21A53E	XO2181E	XO2305E	XO2444E	Plot Mean	LSD (.10)
Emmetsburg-IA	73	70	66	68	75	72	74	77	62	68	71	80	72	67	69	78	67	70	73	65	67	66	63	70.1	6.5
Hitchcock-SD	67	68	70	70	70	69	69	72	70	71	68	77	69	73	70	64	70	70	72	74	67	77	71	70.6	5.1
LakeVermillion-SD	72	64	68	70	64	69	68	74	67	72	65	76	70	66	64	63	74	65	71	74	68	66	66	68.8	4.3
LeSueur-MN	74	68	77	73	80	72	76	73	75	75	70	76	74	74	73	80	79	74	69	72	77	72	61	73.9	6.3
Minneota-MN	69	75	70	71	70	76	71	75	69	71	73	77	71	79	69	72	78	71	80	74	71	69	68	72.8	7.1
Morgan-MN	69	68	66	66	68	68	68	67	63	68	66	74	69	69	66	70	68	70	66	69	72	61	62	67.5	3.7
Murdock-MN	69	62	64	64	62	65	68	48	64	72	N/A	74	68	71	62	64	73	69	71	63	60	68	73	65.3	6.2
Pipestone-MN	64	63	69	60	64	63	65	57	66	60	55	71	68	69	60	63	64	64	65	65	63	58	58	63.2	4.6
Pukwana-SD	79	73	78	78	76	80	78	77	76	76	72	78	77	77	72	72	75	78	81	78	80	75	77	76.6	5.6
Sheldon-IA	72	73	70	78	74	75	74	75	77	77	69	81	76	78	69	79	76	69	74	80	79	73	71	75.0	5.1
Truman-MN	73	75	75	75	81	76	86	94	80	82	80	81	70	89	80	84	83	79	73	83	76	79	81	80.6	11.5
Wanamingo-MN	79	74	71	83	74	71	73	83	80	76	67	78	72	89	76	74	77	76	78	82	79	74	69	76.7	8.0
Overall Ave	**71.9**	**70.2**	**70.8**	**72.0**	**72.3**	**72.0**	**72.9**	**75.0**	**71.3**	**72.4**	**68.6**	**77.2**	**71.6**	**75.4**	**69.7**	**72.5**	**73.7**	**71.3**	**72.9**	**74.1**	**72.6**	**70.0**	**67.8**	**72.2**	
Overall % of Mean	**100%**	**97%**	**98%**	**100%**	**100%**	**100%**	**101%**	**104%**	**99%**	**100%**	**95%**	**107%**	**99%**	**104%**	**97%**	**100%**	**102%**	**99%**	**101%**	**103%**	**100%**	**97%**	**94%**		
SD Ave	73	68	72	73	70	73	72	74	71	73	68	77	72	72	68	66	73	71	75	75	72	73	71	**71.8**	
MN Ave	71	69	70	70	71	70	72	71	71	72	68	76	70	77	69	72	75	72	72	73	71	69	67	**71.4**	
High SCN (>3k)	72	69	70	71	72	72	74	73	71	74	72	77	70	76	69	72	77	71	73	73	70	71	70	**72.2**	

Notes Murdock had spotty IDC with half the plot not having any; it is not included in the overall average because of a missing value from a product



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Irrigated Location

SPT24	CROPLAN					Asgrow			Brevant			NK			Pioneer			Xitavo				
	CP2230E	CP2322E	CP2340XF	CP2520E	CP2540XF	AG24XF1	AG24XF4	AG25XF5	B224EE	B243EE	B244EE	NK23-D7E3	NK23-P1E3	NK26-M6E3	P22A67E	P23A40E	P25A16E	XO2305E	XO2625E	XO2735E	Plot Mean	LSD (.10)
Greeley-NE	94	88	94	92	95	81	88	101	93	91	92	88	92	90	97	96	94	96	84	78	91.4	5.5
Emmetsburg-IA	66	68	65	76	66	63	68	68	75	72	75	70	72	66	69	63	70	63	54	63	68.1	5.7
LakeVermillion-SD	65	72	68	73	64	70	73	65	75	68	68	71	66	61	76	73	62	64	60	65	70.9	5.9
Norfolk-NE	76	74	81	71	81	67	72	77	76	73	81	69	73	65	74	73	73	77	69	75	73.9	5.4
Pukwana-SD	73	78	73	73	81	66	75	70	79	81	71	72	71	69	76	81	71	74	68	72	73.9	7.1
Sheldon-IA	75	82	74	81	78	72	73	77	78	80	81	78	78	78	82	79	79	66	72	74	76.8	5.9
Truman-MN	76	80	77	82	84	76	82	76	80	76	76	89	82	88	86	80	81	82	88	73	81.8	8.7
Vincent-IA	72	69	65	67	67	63	64	67	73	76	79	72	73	69	77	72	67	69	66	65	71.6	4.5
Overall Ave	**74.7**	**76.3**	**74.6**	**76.6**	**77.1**	**69.7**	**74.3**	**75.0**	**78.5**	**77.0**	**77.7**	**76.3**	**75.7**	**73.2**	**79.6**	**77.1**	**74.6**	**73.9**	**70.1**	**70.4**	**75.1**	
Overall % of Mean	**99%**	**102%**	**99%**	**102%**	**103%**	**93%**	**99%**	**100%**	**105%**	**103%**	**103%**	**102%**	**101%**	**97%**	**106%**	**103%**	**99%**	**98%**	**93%**	**94%**		

Notes

Answer Plot®
SOYBEAN
YIELD REPORT 2024



2024 Regional Answer Plot Trial Summary

YIELD Greater than Plot mean

YIELD Greater than Mean of all Locations

Irrigated Location

SPT28	CROPLAN			Asgrow				Brevant				NK				Pioneer			Xitavo				
	CP2725E	CP2840XF	CP2920E	A28E34	AG26XF4	AG27XF3	AG29XF5	B263EE	B264EE	B272EE	B283EE	NK27-J5E3	NK27-W8XF	NK29-Q3XF	NK30-A9E3	P28A39E	P28A65E	P29A19E	XO2735E	XO2865E	XO2985E	Plot Mean	LSD (.10)
Greeley-NE	90	91	77	83	94	88	90	93	91	87	87	83	92	92	84	99	89	91	75	77	77	87.6	5.7
Emmetsburg-IA	67	62	64	58	65	64	59	63	69	67	62	55	63	62	61	62	64	64	62	59	60	62.9	8.5
Norfolk-NE	63	89	66	71	83	77	67	71	73	71	72	66	75	72	74	74	73	68	65	67	65	71.5	5.5
Pukwana-SD	78	73	73	66	75	70	79	81	71	70	73	72	71	69	76	81	71	75	74	68	72	73.9	7.1
Vincent-IA	69	71	68	61	72	69	66	70	77	72	70	64	68	74	70	68	63	71	71	67	67	68.7	6.6
Overall Ave	**73.6**	**77.3**	**69.7**	**67.9**	**77.8**	**73.5**	**72.3**	**75.4**	**76.2**	**73.4**	**72.7**	**68.0**	**73.7**	**73.6**	**73.0**	**76.7**	**71.8**	**73.7**	**69.4**	**67.6**	**68.0**	**73.1**	
Overall % of Mean	**101%**	**106%**	**95%**	**93%**	**106%**	**101%**	**99%**	**103%**	**104%**	**100%**	**100%**	**93%**	**101%**	**101%**	**100%**	**105%**	**98%**	**101%**	**95%**	**92%**	**93%**		

Notes