

2024 Corn Plot Summary - Miller Hybrids 8 Row Plots



County Township Section Pike Section Pike Section Pike Section Pike Soybeans Soybeans Soybeans Pike Pike Soybeans Pike Soybeans Pike Pike Pike Pike Pike Pike Soybeans Pike Pike Pike Pike Pike Pike Pike Pike Pike Soybeans Pike																				7
Section Planting Date 10/16/24 10/24/2024 10/24/2024 10/24/2024 10/24/2024 10/24/2024 10/24/2024 10/24/2024 10/24/2024 10/23	County	Livingston			Livingston			Livingston			Livingston			Livingston						,
Planting Date 10/16/24 10/24/2024 10/24/2024 10/24/2024 10/24/2024 10/24/2024 10/23/2024 10	Township	Pike			Pike			Pike			Pike			Pike						
Harvest Date Previous Crop Previous Crop Soybeans - south Plant 8 - harvest 4 Soybeans - south Plant 8 - harvest 4 P	Section	·			_			_			· .			•						
Solution	· ·							1 ' '												
Plant 8 - harvest 4																	5 Plot 2 Voor)ar
Plant Plan	Previous Crop				-															
RXOS-37TRRID Yield Moist Loke Yield Moist July Yield Moist July Yield Moist July Z29.0 16.0 220.1 13.0 6 North July Yield Moist July Yield Moist July Yield Moist July 221.8 14.0 229.0 15.2 27 15.0 20.0 15.2 7 20.0 15.2 7 20.0 15.2 7 20.0 15.0 20.0 15.0 20.0 15.0 20.0 15.0 20.0 15.0 20.0 15.0 20.0 </td <td></td> <td colspan="3"></td> <td colspan="3"></td> <td colspan="3"></td> <td colspan="3"></td> <td colspan="3"></td> <td colspan="2">Average'</td> <td colspan="2">Average²</td>																	Average'		Average ²	
RXOS-37TRRIb 218.1 15.7 9.0 206.7 13.6 6		Yield M			Yield									Yield Moist		Yield Moist				
M08-49PC M08-87PC M08-87PC M09-63D M24.1 M22.1 M24.1 M25.0 M24.1 M25.0 M24.1 M25.0 M24.1 M25.0 M26.1 M26.0 M	Rx05-37TRRib																			
M08-87PC 210.6 18.3 7.0 204.3 15.7 5 Langle of the control	Rx06-77SSPRib	241.9 1	7.6	9.0	226.1	15.3	6										235.6	16.2	240.2	18.0
MEXO9-58D 214.7 17.6 8.5 8.5 204.9 16.8 6 254.3 17.8 7 212.8 16.0 6 214.5 16.5 222.4 19.1 225.4 19.1 225.4 19.1 225.4 19.1 225.4 19.1 225.4 19.1 225.4 19.1 225.4 19.1 225.4 19.1 225.4 19.1 225.4 19.1 225.4 19.1 225.5 15.7 6 211.0 16.4 6 243.1 16.8 7 226.3 16.1 6 221.5 16.1 6 211.8 15.3 6 221.1 18.0 8 230.3 15.6 7 224.4 16.6 222.5 19.7 235.1 17.3 235.1 17.3 235.1 17.5 2235.1 17.5 2235.1 17.5 2235.1 17.5 2235.1 17.5 2237.1 17.5 2237.1 17.5 2237.1 17.5 2237.1 17.5 2237.1 18.	M08-49PC				229.0	15.2	7										231.9	16.0	230.5	18.9
M09-63D 224.1 18.2 9.0 225.4 19.1 Rx09-60SSRib 203.2 18.1 8.5 225.0 15.7 6 211.0 16.4 6 243.1 16.8 7 226.3 16.1 6 221.7 16.6 228.5 19.7 M11-50DV 237.2 17.9 8.5 221.5 16.1 6 211.8 15.3 6 221.1 18.0 8 230.3 15.6 7 224.4 16.6 228.5 19.7 M11-66AA 233.9 18.3 9.0 230.5 21.0 9.0 212.0 17.3 8 259.5 18.3 7 247.2 19.1 7 239.6 19.7 225.4 21.0 M11-66D 235.2 16.9 9.0 232.4 15.8 6 238.2 15.6 6 238.2 15.6 6 238.2 15.6 6 238.2 15.6 6 237.7 18.0 238.2 226.6	M08-87PC	210.6 1	8.3	7.0	204.3	15.7	5										208.8	16.8		
RXO9-60SSRib 203.2 18.1 8.5 225.0 15.7 6 211.0 16.4 6 243.1 16.8 7 226.3 16.1 6 221.5 16.1 6 211.8 15.3 6 243.1 16.8 7 226.3 16.1 6 221.5 16.1 6 211.8 15.3 6 221.1 18.0 8 230.3 15.6 7 224.4 16.6 228.5 19.7 M11-66A 233.9 18.3 9.0 235.2 10.9 212.0 17.3 8 259.5 18.3 7 247.2 19.1 7 239.6 19.7 223.1 19.9 225.4 21.0 19.9 247.2 19.1 7 239.6 19.7 223.1 19.9 225.4 21.0 19.0 225.5 18.8 235.3 16.2 224.1 21.0 247.2 19.1 7 239.6 19.7 225.4 21.0 21.0 21.0 21.0	MEX09-58D	214.7 1	7.6	8.5										212.8	16.0	6	214.5	16.5		
M11-50DV 237.2 17.9 8.5	M09-63D	224.1 1	8.2	9.0				204.9	16.8	6	254.3	17.8	7	213.6	16.7	6	224.3	17.2	225.4	19.1
M10-16V 228.3 18.6 9.0 228.8 17.2 6 248.0 17.6 7 235.1 17.3 232.5 20.3 235.1 17.5 235.1 17.5 232.1 19.9 235.1 17.5 23	Rx09-60SSRib	203.2 1	8.1	8.5	225.0	15.7	6	211.0	16.4	6	243.1	16.8	7	226.3	16.1	6	221.7	16.6	228.5	19.7
M11-66AA 233.9 18.3 9.0 M11-66D 230.5 21.0 9.0 M12-36PC RX09-31SSP 235.2 16.9 9.0 232.4 15.8 6 RX12-58SSRib 238.7 18.4 8.0 238.2 15.6 6 RX14-03TRRib 247.5 20.7 8.0 RX14-36SSRib 195.8 18.2 5.0 179.8 16.3 6 RX14-36SSRib 195.8 18.2 5.0 179.8 16.3 6 M14-50AA 209.6 18.4 9.0 M14-50AA 234.5 19.2 9.0 199.0 18.9 7	M11-50DV	237.2 1	7.9	8.5	221.5	16.1	6	211.8	15.3	6	221.1	18.0	8	230.3	15.6	7	224.4	16.6		
M11-66D	M10-16V	228.3 1	8.6	9.0				228.8	17.2	6	248.0	17.6	7				235.1	17.3	232.5	20.3
M12-36PC RX09-31SSP	M11-66AA	233.9 1	8.3	9.0				212.0	17.3	8	259.5	18.3	7				235.1	17.5	223.1	19.9
Rx09-31SSP 235.2 16.9 9.0 232.4 15.8 6 232.4 15.8 6 238.7 18.4 8.0 238.7 18.4 8.0 238.2 15.6 6 240.0 16.8	M11-66D	230.5 2	1.0	9.0										247.2	19.1	7	239.6	19.7	225.4	21.0
RX12-58SSRib 238.7 18.4 8.0 238.2 15.6 6 211.5 16.9 6 225.0 15.7 7 237.7 18.0 238.2 15.6 6 241.8 20.3 Rx14-03TRRib 247.5 20.7 8.0 225.0 15.7 7 241.5 17.9 3.0 Rx14-36SSRib 195.8 18.2 5.0 179.8 16.3 6 226.6 17.5 8 256.2 18.3 7 239.1 17.8 239.1 17.8 241.8 20.3 240.0 16.8 241.8 20.3 241.8	M12-36PC				193.4	16.0	6										195.9	16.8		
Rx13-68SSP 202.0 18.6 9.0 211.5 16.9 6 225.0 15.7 7 225.0 15.7 7 237.7 18.0 239.8 20.7 Rx14-03TRRib AL-17DV 241.5 17.9 3.0 195.8 18.2 5.0 179.8 16.3 6 226.6 17.5 8 226.6 17.5 8 256.2 18.3 7 238.5 16.6 6 208.1 17.5 237.7 18.0 240.8 17.0	Rx09-31SSP	235.2 1	6.9	9.0	232.4	15.8	6										235.3	16.2		
Rx14-03TRRib 247.5 20.7 8.0 225.0 15.7 7 237.7 18.0 237.7 18.0 237.7 18.0 237.7 18.0 240.8 17.	RX12-58SSRib	238.7 1	8.4	8.0	238.2	15.6	6										240.0	16.8	241.8	20.3
MEX14-17DV 241.5 17.9 3.0 238.5 16.6 6 240.8 17.0 218.4 19.7 Rx14-36SSRib 195.8 18.2 5.0 179.8 16.3 6 240.8 17.0 189.1 17.0 218.4 19.7 M14-50AA 209.6 18.4 9.0 226.6 17.5 8 256.2 18.3 7 239.1 17.8 239.1 17.8 M15-12DV 199.0 18.9 7 226.6 17.5 8 256.2 18.3 7 201.5 19.9 19.9	Rx13-68SSP	202.0 1	8.6	9.0	211.5	16.9	6										208.1	17.5		
Rx14-36SSRib 195.8 18.2 5.0 179.8 16.3 6 189.1 17.0 218.4 19.7 M14-50AA 209.6 18.4 9.0 210.0 17.1 220.2 21.1 M14-81AA 234.5 19.2 9.0 199.0 18.9 7 226.6 17.5 8 256.2 18.3 7 239.1 17.8 239.1 17.8 M15-12DV 199.0 18.9 7 201.5 19.9	Rx14-03TRRib	247.5 2	0.7	8.0	225.0	15.7	7										237.7	18.0	239.8	20.7
M14-50AA 209.6 18.4 9.0 210.0 17.1 220.2 21.1 239.1 17.8 234.5 19.2 9.0 199.0 18.9 7 226.6 17.5 8 256.2 18.3 7 201.5 19.9	MEX14-17DV	241.5 1	7.9	3.0										238.5	16.6	6	240.8	17.0		
M14-81AA 234.5 19.2 9.0 226.6 17.5 8 256.2 18.3 7 239.1 17.8 199.0 18.9 7 201.5 19.9	Rx14-36SSRib	195.8 1	8.2	5.0	179.8	16.3	6										189.1	17.0	218.4	19.7
M15-12DV 199.0 18.9 7 201.5 19.9	M14-50AA	209.6 1	8.4	9.0													210.0	17.1	220.2	21.1
	M14-81AA	234.5 1	9.2	9.0				226.6	17.5	8	256.2	18.3	7				239.1	17.8		
Average 222.7 18.4 8.1 220.2 16.2 6.2 209.3 16.7 6.7 239.5 17.7 7.2 223.1 16.5 6.5 223.0 17.1 229.6 19.5	M15-12DV				199.0	18.9	7										201.5	19.9		
	Average	222.7 1	8.4	8.1	220.2	16.2	6.2	209.3	16.7	6.7	239.5	17.7	7.2	223.1	16.5	6.5	223.0	17.1	229.6	19.5

The above 5 plot summary uses yield data not included in the 2024 Corn plot summary except for one plot. The second plot of the five above (Livingston County Pike township, section 5, Soybeans - south). This plot uses the exact same yield results as the corresponding plot in the 2024 Corn Plot Summary.

All 5 of these plots were 8 row plots with the center 4 rows harvested for yield except for one. The Livingston County, Pike township plot that is listed as a rep plot. The rep plot used yield data harvested from the center 2 rows of 4.

All the above 5 plots received 13.7 ounces of Miravis Neo per acre foliar fungicide with no insecticide on August 5th. Anecdotally there were some hybrids, notably Rx13-68SSP and M11-50DV, which appeared to have more aphids and thus more leaf injury than others. Fungicide may have reduced the naturally occurring aphid-killing fungi populations.

- 1 Most of the hybrids were not included in all the plots. Interpolated values were used to determine the "5 Plot Average" when these data were missing. When interpreting the missing/interpolated data are not as "strong" as they would be for averages where there are no missing data.
- The "2 Year Average" uses the same hybrid for 2023 and 2024 except for 5 hybrids. M09-63D uses M09-63 from 2023, M10-16V uses M10-16BGV from 2023, M11-66AA uses M11-66 from 2023, M11-66D uses M11-66 from 2023, and M14-50AA uses M14-50BGH from 2023.
- The" Plant Health" scores are a 6 plot average visual score that includes lodging and brittlesnap as part of the score. The "Root Lodge" score was only taken in one plot and that was from one replication of the Livingston County, Pike Township, Section 4 Rep Plot. Several hybrids had 2-5% brittlesnap or more, which had an effect on yields.