

2024 Corn Plot Summary - Miller Hybrids 8 Row Plots



County Township Section Planting Date Harvest Date Previous Crop	Livingston Pike 4			Livingston Pike 5			Livingston Pike 5			Livingston Pike 4			Livingston Pike 4			5 Plot Average ¹				2 Year Average ²			
	5/20/24			5/24/2024			5/24/2024			5/22/2024			5/21/2024										
	10/16/24			10/24/2024			10/24/2024			10/23/2024			10/23/2024										
	Soybeans			Soybeans - south			Soybeans - north			Soybeans			Corn										
Middle 2 of 4 in rep plot			Plant 8 - harvest 4			Plant 8 - harvest 4			Plant 8 - harvest 4			Plant 8 - harvest 4											
Root			Plant			Plant			Plant			Plant			Yield		Moist		Yield		Moist		
Yield	Moist	Lodge	Yield	Moist	Health	Yield	Moist	Health	Yield	Moist	Health	Yield	Moist	Health									
Rx05-37TRRib	218.1	15.7	9.0	206.7	13.6	6										213.8	14.5	229.9	16.0				
Rx06-77SSPRib	241.9	17.6	9.0	226.1	15.3	6										235.6	16.2	240.2	18.0				
M08-49PC				229.0	15.2	7										231.9	16.0	230.5	18.9				
M08-87PC	210.6	18.3	7.0	204.3	15.7	5										208.8	16.8						
MEX09-58D	214.7	17.6	8.5										212.8	16.0	6	214.5	16.5						
M09-63D	224.1	18.2	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				
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						
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				
M11-66AA	233.9	18.3	9.0				212.0	17.3	8	259.5	18.3	7				235.1	17.5	223.1	19.9				
M11-66D	230.5	21.0	9.0										247.2	19.1	7	239.6	19.7	225.4	21.0				
M12-36PC				193.4	16.0	6										195.9	16.8						
Rx09-31SSP	235.2	16.9	9.0	232.4	15.8	6										235.3	16.2						
RX12-58SSRib	238.7	18.4	8.0	238.2	15.6	6										240.0	16.8	241.8	20.3				
Rx13-68SSP	202.0	18.6	9.0	211.5	16.9	6										208.1	17.5						
Rx14-03TRRib	247.5	20.7	8.0	225.0	15.7	7										237.7	18.0	239.8	20.7				
MEX14-17DV	241.5	17.9	3.0										238.5	16.6	6	240.8	17.0						
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				226.6	17.5	8	256.2	18.3	7				239.1	17.8						
M15-12DV				199.0	18.9	7										201.5	19.9						
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				

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.

² 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.

³ 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.