

# 2024 Corn Plot Summary



County Township Section Planting Date Harvest Date Previous Crop	Livingston Pike 4 5/20/24 10/16/24 Soybeans	Livingston Rooks Creek 21 5/22/2024 10/23/2024 Soybeans	Livingston Pike 5 5/24/2024 10/24/2024 Soybeans	Livingston Pike 5 5/24/2024 10/24/2024 Soybeans	Livingston Nebraska 23 5/22/24 10/23/24 Soybeans	Livingston Pike 4 5/22/2024 10/23/2024 Soybeans	Livingston Pike 4 5/21/2024 10/23/2024 Corn			
	3 Reps - harvest middle 2 of 4	Plant 4 - harvest middle 2	Plant 4 - harvest middle 2	Plant 8 - harvest middle 4	Plant 4 - harvest middle 2	Plant 4 - harvest middle 2	Plant 4 - harvest middle 2			
	Yield Moist Root Lodge	Yield Moist Plant Health	Yield Moist Plant Health	Yield Moist Plant Health	Yield Moist Plant Health	Yield Moist Plant Health	Yield Moist Plant Health			
Rx05-37TRRib	239.5 16.2 7.5	13.3 7.0	210.1 13.3 6.0	206.7 13.6 6.0	251.7 13.6 7.0	195.1 13.8 6.0	233.4 13.4 6.0			
Rx06-15SSRib	212.6 16.1 5.5	226.6 13.5 6.0	189.8 14.1 6.0							
Rx06-77SSPRib	233.9 17.2 9.0	241.8 15.6 6.0	214.5 14.7 7.0	226.1 15.3 6.0	267.0 14.2 7.0	205.0 15.7 7.0	244.4 15.5 6.0			
Rx07-02VT2PRib	213.1 17.4 4.0	223.0 13.6 6.0	208.8 15.0 6.0							
M08-49PC	225.9 17.7 8.0	234.4 14.8 7.0	204.6 14.5 6.0	229.0 15.2 7.0	257.5 16.4 8.0	249.8 16.1 7.0	240.1 15.1 7.0			
M08-87PC	230.5 17.7 7.0	222.2 14.8 5.0	185.0 16.3 5.0	204.3 15.7 5.0						
Rx09-31SSP	238.0 17.1 7.0	254.4 15.2 7.0	238.5 15.5 6.0	232.4 15.8 6.0	276.3 14.9 7.0	223.4 16.0 6.0	255.6 15.5 6.0			
Rx09-59SSRib	198.5 15.9 9.0	225.1 14.2 6.0	189.8 14.1 6.0		244.2 16.2 7.0	213.2 16.1 7.0	215.8 15.8 7.0			
Rx09-60SSRib	233.7 17.8 9.0	256.1 14.0 7.0	231.3 15.3 6.0	225.0 15.7 6.0	258.1 15.3 7.0	220.1 16.0 6.0	215.8 15.8 6.0			
Rx10-12SSRib	221.2 17.8 9.0	241.9 15.0 6.0	232.4 15.8 7.0		254.3 15.6 7.0	220.1 16.0 6.0	260.8 15.6 7.0			
RX10-36SSRib	232.7 17.4 9.0	246.4 14.6 6.0	181.5 15.5 6.0		262.4 15.7 7.0	207.9 15.5 6.0	238.9 15.5 6.0			
M11-50DV	228.0 17.9 9.0	209.9 14.7 7.0	181.1 15.6 6.0	221.5 16.1 6.0	238.8 16.2 8.0	200.6 16.6 7.0	166.4 15.6 7.0			
M12-36PC	217.3 18.0 5.0		206.3 16.0 6.0	193.4 16.0 6.0						
Rx12-51VT2PRib	231.0 17.9 6.0	248.6 15.5 6.0	235.3 15.7 7.0			224.9 15.4 6.0	228.7 15.2 7.0			
RX12-58SSRib	236.9 17.5 9.0	244.1 14.8 6.0	202.5 15.4 6.0	238.2 15.6 6.0	250.8 15.8 7.0	230.4 15.8 7.0	227.8 15.5 7.0			
Rx12-60SSRib	204.7 18.3 9.0	238.1 15.5 6.0	208.4 16.2 5.0	152.2 16.0 4.0	228.2 15.8 6.0	219.0 16.4 6.0	205.0 15.7 6.0			
Rx13-68SSP	205.9 18.7 7.5	213.0 16.3 7.0	192.7 16.3 6.0	211.5 16.9 6.0	223.6 16.5 7.0	191.0 16.8 7.0	236.7 16.3 7.0			
Rx14-03TRRib	241.2 21.2 9.0	239.8 15.8 7.0	199.6 15.5 6.0	225.0 15.7 7.0	265.5 16.5 7.0	15.7 5.0	228.1 15.4 6.0			
Rx14-36SSRib	216.6 18.5 8.0	232.7 16.0 6.0	198.3 17.2 6.0	179.8 16.3 6.0	234.5 16.6 6.0	217.5 16.9 6.0	213.8 16.6 6.0			
M15-12DV	237.8 18.4 9.0	215.9 17.6 7.0	213.5 17.2 7.0	199.0 18.9 7.0	261.7 16.8 8.0	187.7 19.1 7.0	231.5 16.2 7.0			
Pioneer P10477Q	236.5 17.0 9.0	250.2 14.2 7.0	219.4 13.9 7.0							
Pioneer P12065Q	210.7 18.1 9.0	240.6 15.5 7.0	222.1 15.8 6.0							
Average	224.8 17.7 7.9	234.7 15.0 6.4	207.5 15.4 6.1	211.8 15.7 6.0	250.4 15.6 7.0	212.7 16.0 6.3	226.3 15.5 6.4	224.0 15.8	6.4 7.9	226.5 18.1

**Note 1:** There were varying degrees of brittlesnap in our plots this year. While there was only 2-4% in the worst hybrids in the Rooks Creek and Nebraska township plots, other plots had more. Rx09-60SS, Rx12-60SS, Rx14-03TR, and Rx 14-36SS had 5-12% brittlesnap and it tended to be in areas (not random) so light was able to hit the soil. Root lodging was also present in several hybrids. Plant Health and Root Lodge scores are provided above to give an indication of plant integrity and potential yield loss.

**Note 2:** Five of the above 7 plots received 13.7 ounces of Miravis Neo per acre foliar fungicide with no insecticide on August 5th. The Livingston County Rooks Creek and Nebraska township plots did not receive fungicide. There were some hybrids, notably Rx13-68SSP and M11-50DV, which appeared to have more aphids and more leaf injury.

**Note 3:** Yield results from previous years can be found at the Roeschley Hybrids website at [www.roeschleyhybrids.com](http://www.roeschleyhybrids.com)

<sup>1</sup> Some hybrids were not included in all the plots. Interpolated values were used to determine the "7 Plot Average" when these data were missing. When interpreting the data, realize that the 7 plot averages using missing/interpolated data are not as "strong" as they would be for averages where there are no missing data.

<sup>2</sup> 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. Both scores are on a 9 to 1 scale with 9 being best.

<sup>3</sup> The "2 Year Average" uses the same hybrid for both 2023 and 2024 except for two hybrids, M08-87PC and M11-50DV. The 2 Year Average for M08-87PC uses 2023 yield data from M08-87 conventional. The 2 Year Average for M11-50DV uses 2023 yield data from M11-50D1EZ.