

2023 Soybean Demo 4 Plot Summary



	County Township / Sec.	Livingston Pike / 6	Livingston Pike / 5	Livingston Pike / 4	Livingston Nebraska / 23	4 Plot Average¹	2 Year Average
		Planting Date Harvest Date Previous Crop Foliar Fungicide Foliar Insecticide	Planting Date Harvest Date Previous Crop Foliar Fungicide Foliar Insecticide	Planting Date Harvest Date Previous Crop Foliar Fungicide Foliar Insecticide	Planting Date Harvest Date Previous Crop Foliar Fungicide Foliar Insecticide		
	Mat	# 2 Yield	# 2 Yield	# 2 Yield	# 2 Yield	#2 Yield	#2 Yield
AE2630 ²	2.6	50.0	51.8	80.8	62.9	61.4	64.6
AE2920	2.9		62.4	85.6	72.9	69.6	67.4
AE2940S	3.0	56.5	69.0	85.5		71.3	
AE3131S	3.1	54.5	64.2	79.6	67.7	66.5	67.8
AE3220	3.2	56.6	60.4	75.9	64.3	64.3	64.6
AE3310	3.3	47.8	54.2	76.3	62.9	60.3	65.3
AE3340	3.3		57.6	77.5	71.4	65.1	
AE3420	3.4	49.4	61.0	73.6	68.8	63.2	65.4
AE3720S	3.6	59.6	62.8	81.4	73.4	69.3	70.1
Exp. 3.2	3.2	56.5	62.3	79.1		66.9	
Exp. 3.4	3.4	56.8	60.5	76.6		65.5	
Exp. 3.5	3.5	58.1	61.5	81.1		67.8	
Becks 2830	2.8	53.9	59.0	82.4		66.0	
Pioneer P29A19E	2.9	41.8	56.4	70.9		57.1	61.4
Pioneer P31A73E	3.3	54.4		77.6		64.8	68.6
Pioneer P34T21SE	3.5	60.4	49.9	69.5		60.7	63.0
Pioneer P37A18E	3.5	65.4	52.0	71.2		63.7	69.2
LG 4066E3	4.0	55.5	58.6	71.7		62.8	
Enlist average		54.9	59.1	77.6	67.6	64.8	66.1
2626CXF	2.5	45.7	50.6	68.5	64.2	57.2	60.4
EX282SXF	2.8	52.9	59.0	70.1		63.5	67.4
Exp. 2.9	2.9	56.7	60.3	72.7		66.2	
3006CXF	3.0	50.6	54.4	74.8		62.7	65.8
3126CXF	3.1	48.1	53.5	62.0	68.4	58.0	63.1
3216CXF	3.2	55.6		66.3	68.4	63.5	66.7
3326CXF	3.3	53.3	60.5	71.3	75.8	65.2	70.6
Exp. 3.3	3.3	50.7	61.4	68.5		63.0	
Exp. 3.5	3.5	50.7	58.7	77.9		46.8	
XtendFlex average		51.6	58.0	70.2	70.8	60.7	65.7

¹ Some varieties were not in all the plots. Interpolated values were used to determine the 4 Plot Average when these data were missing. Also, yields in the Pike / sec. 6 plot for AE2920 and AE3340, as well as in the Pike sec. / 5 plot for Pioneer P31A37E were removed as outliers and then interpolated in the Soybean Demo 4 Plot Summary.

² Lack of even emergence in the Livingston County Pike sec. 6 and Pike sec. 7 plots due to lack of moisture for germination created yield variability. To reduce this variability, yield results for different seed treatments were combined for 4 of the varieties which had multiple seed treatments. Seed treatment had little affect on yield (see the 2023 Soybean Seed Treatment Study link). For the 4 varieties that were in the 2023 Soybean Seed Treatment Study (AE3131S, AE3310, AE3420, and AE3720S) all of the seed treatment yields are combined when yields are presented in this 2023 Soybean Demo 4 Plot Summary. Larger-statured, bushier, and fuller-season soybean varieties likely benefitted from the reduced populations.