

**2024 Missouri Soybean  
Maturity Group 4  
Southwest Region: Springfield**

**Planting Date: 6-18-2024  
Harvest Date: 10-16-2024**

<b>Brand-Variety</b>	<b>Yield (bu/ac)</b>	<b>Maturity Group+</b>	<b>Lodging ~ (1-5)</b>	<b>Height (inches)</b>
Xitavo XO 3855E	49.5**	3.8	1	34
Xitavo XO 4255E	49.5**	4.2	1	39
Nutech 45N10E	48.7*	4.5	1	42
Pioneer P49Z02E	46.4*	4.9	1	35
NK Seeds NK44-Q5E3S	45.8	4.4	1	35
NK Seeds NK47-G5E3S	45.7	4.7	1	40
Nutech 43N06E	45.4	4.3	1	42
Pioneer 34A98E	44.8	3.4	1	32
Nutech 47N04E	44.7	4.7	1	47
Nutech 49N05E	44.6	4.9	1	42
Pioneer P43Z44SE	44.6	4.3	1	36
University of Missouri S20-4428	44.0	5.3	1	41
University of Missouri S20-5669	44.0	4.5	1	38
Xitavo XO 4405E	44.0	4.4	1	38
Channel 3823RFX	43.8	3.8	1	36
Pioneer P42A84E	43.8	4.2	1	41
University of Missouri S20-13179LL55	43.7	5.3	1	48
NK Seeds NK49-U9E3S	43.2	4.9	1	40
Channel 4720RFX/SR	43.1	4.7	1	41
Pioneer P46A90LX	43.0	4.6	1	42
Pioneer 37A18E	42.9	3.7	1	31
Pioneer 46A09E	42.9	4.6	1	39
Pioneer P47Z15BE	42.7	4.7	1	41
Pioneer 40A23E	42.6	4.0	1	32
Pioneer P45Z75E	42.3	4.5	1	41
Asgrow AG38XF1	42.2	3.8	1	39
Nutech 42N05E	41.9	4.2	1	40
Pioneer 44A91E	41.5	4.4	1	38
Brevant B394EE	41.2	3.9	1	38
Brevant B364EE	40.9	3.6	1	36
Pioneer 38A28E	40.6	3.8	1	41
University of Missouri S20-7117	40.4	4.6	1	41
Xitavo XO 3705E	40.0	3.7	1	44
University of Missouri S20-1492	39.9	5.0	1	33
Asgrow AG47XF2	39.8	4.7	1	38
Pioneer P48X70BLX	39.7	4.8	1	44
Benson Hill BH43Q207	39.6	4.3	1	36
Asgrow AG39XF3	39.4	3.9	1	33
Pioneer P45A70LX	39.2	4.5	1	44
Asgrow AG36XF4	39.1	3.5	1	36
Channel 4823RFX/SR	38.3	4.8	1	35
Asgrow AG44XF4	38.1	4.4	1	41
Asgrow AG40XF1	37.5	4.0	1	42
Asgrow AG37XF1	36.9	3.7	1	41
University of Missouri S20-2227	36.7	4.1	1	36
University of Missouri S20-14129GT	36.2	4.5	1	39
University of Missouri S20-15411GT	35.7	4.5	1	49
<b>MEAN</b>	41.9		1	39
<b>LSD (10%)</b>	3.4			
<b>CV (%)</b>	7.8			

\*\* Highest yielding variety in test

\* Yield not significantly less than the highest yielding variety in the test

+ MG provided by seed company

~ Lodging rated 1 = less than 20% plants lodged and 5 = more than 80% plants lodged