

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

**Planting Date: 6-1-2024
Harvest Date: 10-17-2024**

Brand-Variety	Yield (bu/ac)	Maturity Group+	Lodging ~ (1-5)	Height (inches)
Pioneer P45Z75E	44.6**	4.5	1	31
Nutech 49N05E	44.1*	4.9	1	32
Channel 4823RXF/SR	43.8*	4.8	1	31
Pioneer P46A90LX	43.4*	4.6	1	34
Pioneer P47Z15BE	43.2*	4.7	1	35
Pioneer P48X70BLX	43.2*	4.8	1	36
Xitavo XO 4405E	42.8*	4.4	1	27
Xitavo XO 4255E	42.1*	4.2	1	28
Channel 4720RXF/SR	41.9*	4.7	1	32
NK Seeds NK47-G5E3S	41.2	4.7	1	36
Asgrow AG47XF2	41.1	4.7	1	31
Nutech 45N10E	40.8	4.5	1	33
Pioneer 46A09E	38.9	4.6	1	31
NK Seeds NK49-U9E3S	38.3	4.9	1	30
Xitavo XO 3855E	38.2	3.8	1	26
Pioneer P49Z02E	38.1	4.9	1	31
University of Missouri S20-2227	37.7	4.1	1	32
Nutech 47N04E	37.3	4.7	1	34
Pioneer P42A84E	37.2	4.2	1	30
Nutech 43N06E	36.4	4.3	1	31
Channel 3823RFX	35.9	3.8	1	32
University of Missouri S20-15411GT	35.9	4.5	1	31
Asgrow AG37XF1	35.8	3.7	1	27
Asgrow AG39XF3	35.4	3.9	1	30
University of Missouri S20-7117	34.8	4.6	1	31
University of Missouri S20-4428	34.1	5.3	1	36
Pioneer P45A70LX	33.2	4.5	1	29
Pioneer 40A23E	32.7	4.0	1	28
Xitavo XO 3705E	32.3	3.7	1	32
Asgrow AG44XF4	32.1	4.4	1	32
NK Seeds NK44-Q5E3S	31.9	4.4	1	27
Pioneer P43Z44SE	31.9	4.3	1	28
University of Missouri S20-13179LL55	31.9	5.3	1	37
Pioneer 34A98E	31.7	3.4	1	25
Asgrow AG40XF1	30.7	4.0	1	29
University of Missouri S20-1492	30.1	5.0	1	30
University of Missouri S20-5669	29.9	4.5	1	33
Benson Hill BH43Q207	28.7	4.3	1	30
Asgrow AG38XF1	28.2	3.8	1	28
Pioneer 37A18E	27.9	3.7	1	25
Brevant B394EE	27.5	3.9	1	28
Brevant B364EE	26.8	3.6	1	30
Pioneer 38A28E	25.7	3.8	1	30
Nutech 42N05E	25.2	4.2	1	28
University of Missouri S20-14129GT	24.8	4.5	1	32
Asgrow AG36XF4	23.9	3.5	1	27
Pioneer 44A91E	20.9	4.4	1	27
MEAN	34.5		1	31
LSD (10%)	2.7			
CV (%)	7.3			

** 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