

## 2024 Missouri Soybean Maturity Group 4 Southwest Region: Summary

Brand-Variety	Carthage (bu/ac)	Garden City (bu/ac)	Springfield (bu/ac)	Urich (bu/ac)	Mean (bu/ac)
Xitavo XO 3855E	38.2	39.8**	49.5**	40.0*	41.9**
Xitavo XO 4255E	42.1*	37.9*	49.5**	37.1	41.7*
Nutech 45N10E	40.8	36.7	48.7*	37.7*	41.0*
Pioneer P45Z75E	44.6**	35.8	42.3	39.3*	40.5*
Pioneer P49Z02E	38.1	37.3	46.4*	38.4*	40.1*
Xitavo XO 4405E	42.8*	36.2	44.0	35.7	39.7
Nutech 49N05E	44.1*	33.6	44.6	35.3	39.4
Pioneer 46A09E	38.9	39.7*	42.9	34.8	39.1
Pioneer P46A90LX	43.4*	32.2	43.0	37.4	39.0
Pioneer P47Z15BE	43.2*	34.7	42.7	34.2	38.7
Pioneer 40A23E	32.7	38.3*	42.6	40.2**	38.5
Channel 3823RFX	35.9	34.2	43.8	39.8*	38.4
NK Seeds NK47-G5E3S	41.2	33.0	45.7	32.9	38.2
Pioneer P43Z44SE	31.9	39.7*	44.6	36.1	38.1
Pioneer 34A98E	31.7	37.5	44.8	37.7*	37.9
Pioneer P48X70BLX	43.2*	33.4	39.7	34.9	37.8
Channel 4720RFX/SR	41.9*	32.0	43.1	34.2	37.8
Pioneer P42A84E	37.2	34.2	43.8	35.0	37.6
Nutech 47N04E	37.3	32.7	44.7	34.9	37.4
Nutech 43N06E	36.4	31.1	45.4	36.2	37.3
NK Seeds NK49-U9E3S	38.3	35.0	43.2	31.1	36.9
Channel 4823RFX/SR	43.8*	33.2	38.3	31.6	36.7
NK Seeds NK44-Q5E3S	31.9	37.5	45.8	31.3	36.6
Asgrow AG39XF3	35.4	35.3	39.4	35.0	36.3
Asgrow AG37XF1	35.8	35.1	36.9	36.5	36.1
Asgrow AG47XF2	41.1	31.0	39.8	31.9	36.0
Nutech 42N05E	25.2	38.8*	41.9	35.3	35.3
Pioneer P45A70LX	33.2	32.3	39.2	35.6	35.1
University of Missouri S20-7117	34.8	32.1	40.4	33.2	35.1
University of Missouri S20-2227	37.7	34.2	36.7	31.4	35.0
Pioneer 37A18E	27.9	31.8	42.9	35.5	34.5
Asgrow AG40XF1	30.7	33.1	37.5	35.9	34.3
Asgrow AG44XF4	32.1	32.3	38.1	33.5	34.0
University of Missouri S20-13179LL55	31.9	30.9	43.7	29.6	34.0
Brevant B364EE	26.8	35.4	40.9	31.6	33.7
Xitavo XO 3705E	32.3	31.1	40.0	31.1	33.6
Asgrow AG38XF1	28.2	30.9	42.2	32.3	33.4
University of Missouri S20-15411GT	35.9	28.0	35.7	32.8	33.1
University of Missouri S20-1492	30.1	35.1	39.9	27.0	33.0
Benson Hill BH43Q207	28.7	31.8	39.6	31.5	32.9
University of Missouri S20-4428	34.1	27.2	44.0	25.1	32.6
Brevant B394EE	27.5	27.8	41.2	32.7	32.3
University of Missouri S20-5669	29.9	29.8	44.0	23.0	31.7
Pioneer 44A91E	20.9	32.1	41.5	31.6	31.5
Pioneer 38A28E	25.7	28.6	40.6	27.5	30.6
Asgrow AG36XF4	23.9	25.2	39.1	27.0	28.8
University of Missouri S20-14129GT	24.8	24.9	36.2	25.3	27.8
<b>MEAN</b>	<b>34.5</b>	<b>33.3</b>	<b>41.9</b>	<b>33.5</b>	<b>35.8</b>
<b>LSD (10%)</b>	<b>2.7</b>	<b>2.2</b>	<b>3.4</b>	<b>2.7</b>	<b>2.1</b>
<b>CV (%)</b>	<b>7.3</b>	<b>6.4</b>	<b>7.8</b>	<b>7.7</b>	<b>7.4</b>

\*\* Highest yielding variety in test

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