



SOYBEAN ACRES AND YIELDS IN THE U.S. AND MIDSOUTH

Today's conventional soybean production in the Midsouth is based on the Early Soybean Production System (ESPS). This, along with improved varieties and improved options for weed and pest control, has resulted in Midsouthern U.S. soybean yields being in the high 40's/low 50's bu/acre range over the last several years (See below table). In fact, the four states shown in the below table all had average yields of 50 or more bu/acre in 2020 and 2021. In the 2017-2021 period, 75% of the yields in those states were above the national average yield.

Harvested acreage in the four Midsouth states and total harvested acreage in the U.S. shown in the below table were lower in 2019 than in the previous 5 years. This is attributed to the adverse weather/excessive rainfall during normal planting time in all soybean-producing areas of the U.S. that resulted in a significant amount of unplanted acres. The national average soybean yield in 2019 was below the national average yields of the previous 5 years, while Midsouth states' average yields in 2019 were below those of a majority of the years during the same 5-year period. Soybean yields in 2020 and 2021 returned to levels similar to or greater than the yields prior to 2019. Soybean yields in the last 2 years in the 4 states shown in the table were near or above the national average soybean yield.

It is obvious that the Midsouth states' soybean acreage is only a small portion of the national acreage. In fact, total soybean acreage in the 4 states shown in the below table was only 9.1% and 8.9% of the total U.S. acreage in 2020 and 2021, respectively. However, the above narrative that is supported by the tabled data indicates that the Midsouth acreage, though small in relation to that in the U.S. as a whole, is well-managed and this has subsequently resulted in high average yields in the region.



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INFORMATION

SOYBEAN ACRES AND YIELDS IN MIDSOUTH AND U.S.*			
Year	State	Harvested acres <i>million acres</i>	Yield <i>bu/acre</i>
2021	Arkansas	3.01	50.0
2021	Louisiana	1.05	53.0
2021	Mississippi	2.19	55.0
2021	Tennessee	1.47	50.0
2021	National	86.436	51.2
2020	Arkansas	2.80	51.5
2020	Louisiana	1.02	53.0
2020	Mississippi	2.06	54.0
2020	Tennessee	1.62	50.0
2020	National	82.603	51.0
2019	Arkansas	2.61	49.0
2019	Louisiana	0.86	48.0
2019	Mississippi	1.63	50.0
2019	Tennessee	1.37	47.0
2019	National	74.939	47.4
2018	Arkansas	3.21	50.5
2018	Louisiana	1.19	51.5
2018	Mississippi	2.19	54.0
2018	Tennessee	1.67	45.5
2018	National	87.594	50.6
2017	Arkansas	3.50	51.0
2017	Louisiana	1.25	54.0
2017	Mississippi	2.17	53.0
2017	Tennessee	1.66	50.0
2017	National	89.542	49.3
2016	Arkansas	3.09	47.0
2016	Louisiana	1.19	48.5
2016	Mississippi	2.02	48.0
2016	Tennessee	1.63	45.0
2016	National	82.706	51.9
2015	Arkansas	3.17	49.0
2015	Louisiana	1.39	41.0
2015	Mississippi	2.27	46.0
2015	Tennessee	1.72	46.0
2015	National	81.742	48.0
2014	Arkansas	3.20	49.5
2014	Louisiana	1.40	56.5
2014	Mississippi	2.19	52.0
2014	Tennessee	1.61	46.0
2014	National	82.611	47.5
*NASS			