

DE Soybean Yield Contest Results Summary Results from 2012 – 2017

Stats combined from 2012 to 2017 – Overall, Full Season, and Double Crop

Soybean	Number of Entries	Percent of Entries	Yield		
			Low	High	Avg
Overall	103	100%	43.2	84.6	66.8
Full Season	68	66%	49	84.6	69.4
Double Crop	35	34%	43.2	74.5	61.8

Planting Date	Overall					Full Season			Double Crop		
	Number of Entries	Percent of Entries	Yield			Number of Entries	Percent of Entries	Yield	Number of Entries	Percent of Entries	Yield
			Low	High	Avg						
4/11 - 4/20	2	2%	63.7	69.7	66.7	2	3%	66.7			
4/21 - 4/30	1	1%	73.5	73.5	73.5	1	1%	73.5			
5/1 - 5/10	7	7%	68.8	82.7	76.6	7	10%	76.6			
5/11 - 5/20	17	17%	52.1	84.6	73.1	17	25%	73.1			
5/21 - 5/31	21	20%	53.8	79.7	65.9	21	31%	65.9			
6/1 - 6/10	27	26%	49.0	80.7	67.0	19	28%	67.3	8	23%	66.5
6/11 - 6/20	20	19%	43.2	74.5	63.9	1	1%	70.3	19	54%	63.6
6/21 - 6/30	4	4%	41.8	61.6	49.8				4	11%	49.8
7/1 - 7/10	3	3%	51.2	67.5	59.7				3	9%	59.7
7/11 - 7/20	1	1%	45.1	45.1	45.1				1	3%	45.1

Maturity Group	Overall					Full Season			Double Crop		
	Number of Entries	Percent of Entries	Yield			Number of Entries	Percent of Entries	Yield	Number of Entries	Percent of Entries	Yield
			Low	High	Avg						
3.2 - 3.5	9	10%	51.2	82.7	67.8	5	8%	73.5	4	13%	60.6
3.6 - 3.9	14	15%	52.9	82.1	68.4	10	16%	70.2	4	13%	63.7
4.0 - 4.3	56	60%	43.2	84.6	65.7	37	61%	68.7	19	59%	59.9
4.4 - 4.7	10	11%	47.3	79.7	65.5	6	10%	67.3	4	32%	62.7
4.8 - 5.1	2	2%	74.3	74.5	74.4	1	2%	74.3	1	3%	74.5
5.2 - 5.5	2	2%	63.7	78.0	70.9	2	3%	70.9			

Seeding Rate	Overall					Full Season			Double Crop		
	Number of Entries	Percent of Entries	Yield			Number of Entries	Percent of Entries	Yield	Number of Entries	Percent of Entries	Yield
			Low	High	Avg						
81 - 100	2	3%	66.8	74.3	70.5	2	5%	70.5			
101 - 120	6	10%	72.0	78.1	74.8	6	15%	74.8			
121 - 140	17	29%	62.0	84.6	70.6	11	27%	72.7	6	35%	66.7
141 - 160	29	50%	52.9	82.7	68.4	19	46%	70.9	10	59%	63.5
161 - 180	3	5%	56.0	66.6	61.2	3	7%	61.2			
181 - 200											
201 - 220	1	2%	60.2	60.2	60.2				1	6%	60.2

Irrigation	Overall					Full Season			Double Crop		
	Number of Entries	Percent of Entries	Yield			Number of Entries	Percent of Entries	Yield	Number of Entries	Percent of Entries	Yield
			Low	High	Avg						
No	10	10%	44.4	80.2	58.0	4	6%	65.0	6	17%	53.2
Yes	93	90%	43.2	84.6	67.8	64	94%	69.7	29	83%	63.6

Row Spacing (in.)	Overall					Full Season			Double Crop		
	Number of Entries	Percent of Entries	Yield			Number of Entries	Percent of Entries	Yield	Number of Entries	Percent of Entries	Yield
			Low	High	Avg						
7.5	8	8%	56.4	82.7	70.2	7	10%	70.7	1	3%	66.8
15	55	53%	43.2	84.6	66.4	30	44%	70.0	25	71%	62.2
30	40	38%	44.4	80.1	66.6	31	46%	68.5	9	26%	60.2

Cover Crop	Number of Entries	Percent of Entries	Yield
None	34	33%	68.4
Barley	8	8%	56.4
Wheat	27	26%	65.3
Rye	26	25%	67.8
Triticale	3	3%	73.0
Clover	3	3%	74.5
Hairy Vetch	2	2%	67.1