

Northwest IA Soybean Growth and Yield Simulation

Date	"V" Stage	"R" Stage	LAI	Grain Yld (bu/A)	Grain Yld % of Potential	H2O Stress		Canopy Height (in)	Root Depth (in)	
						Growth (0-1)	Photosynthesis (0-1)			
Plant	0		0.00	0		0.0	0.0	0	0	Current
06-May	0		0.00	0		0.0	0.0	0	0	Current
07-May	0		0.00	0		0.0	0.0	0	0	Current
08-May	0		0.00	0		0.0	0.0	0	0	Current
09-May	0		0.00	0		0.0	0.0	0	0	Current
10-May	0		0.00	0		0.0	0.0	0	0	Current
11-May	0		0.00	0		0.0	0.0	0	0	Current
12-May	0		0.01	0		0.0	0.0	0	3	Current
13-May	0		0.01	0		0.0	0.0	1	5	Current
14-May	0		0.02	0		0.0	0.0	1	10	Current
15-May	0		0.02	0		0.0	0.0	1	10	Current
16-May	0		0.02	0		0.0	0.0	1	11	Current
17-May	0		0.03	0		0.0	0.0	1	11	Current
18-May	0		0.03	0		0.0	0.0	1	11	Current
19-May	0		0.03	0		0.0	0.0	2	12	Current
20-May	0		0.04	0		0.0	0.0	2	13	Current
21-May	1		0.04	0		0.0	0.0	2	13	Current
22-May	1		0.04	0		0.0	0.0	2	14	Current
23-May	1		0.04	0		0.0	0.0	2	14	Current
24-May	1		0.04	0		0.0	0.0	2	14	Current
25-May	1		0.05	0		0.0	0.0	2	15	Current
26-May	1		0.05	0		0.0	0.0	2	15	Current
27-May	1		0.05	0		0.0	0.0	2	16	Current
28-May	1		0.06	0		0.0	0.0	3	16	Current
29-May	1		0.07	0		0.0	0.0	3	17	Current
30-May	2		0.08	0		0.0	0.0	3	17	Current
31-May	2		0.09	0		0.0	0.0	3	18	Current
01-Jun	2		0.10	0		0.0	0.0	3	18	Current
02-Jun	2		0.10	0		0.0	0.0	4	19	Current
03-Jun	2		0.12	0		0.0	0.0	4	19	Current
04-Jun	2		0.13	0		0.0	0.0	4	20	Current
05-Jun	2		0.14	0		0.0	0.0	4	20	Current
06-Jun	3		0.16	0		0.0	0.0	5	21	Current
07-Jun	3		0.18	0		0.0	0.0	5	22	Current
08-Jun	3		0.21	0		0.0	0.0	6	23	Current
09-Jun	4		0.25	0		0.0	0.0	6	23	Current
10-Jun	4		0.28	0		0.0	0.0	7	24	Current
11-Jun	4		0.31	0		0.0	0.0	7	25	Current
12-Jun	4		0.35	0		0.0	0.0	8	26	Current
13-Jun	4		0.38	0		0.0	0.0	8	26	Current
14-Jun	5		0.42	0		0.0	0.0	9	27	Current
15-Jun	5		0.47	0		0.0	0.0	9	28	Current
16-Jun	5		0.53	0		0.0	0.0	10	28	Current
17-Jun	5		0.58	0		0.0	0.0	10	29	Current
18-Jun	5		0.62	0		0.0	0.0	10	29	Current
19-Jun	5		0.65	0		0.0	0.0	10	29	Current
20-Jun	6		0.70	0		0.0	0.0	10	30	Current

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						Growth (0-1)	Photosynthesis (0-1)			
21-Jun	6		0.77	0		0.0	0.0	11	30	Current
22-Jun	6	0	0.82	0		0.0	0.0	11	31	Current
23-Jun	6	0	0.91	0		0.0	0.0	11	32	Current
24-Jun	6	0	0.94	0		0.0	0.0	12	32	Current
25-Jun	6	0	1.00	0		0.0	0.0	12	32	Current
26-Jun	7	0	1.07	0		0.0	0.0	12	33	Current
27-Jun	7	0	1.16	0		0.0	0.0	12	33	Current
28-Jun		0	1.25	0		0.0	0.0	13	34	Current
29-Jun		0	1.35	0		0.0	0.0	13	34	Current
30-Jun		0	1.48	0		0.0	0.0	13	35	Current
01-Jul		1	1.61	0		0.0	0.0	14	35	Current
02-Jul		1	1.79	0		0.0	0.0	14	36	Current
03-Jul		1	1.94	0		0.0	0.0	15	37	Current
04-Jul		1	2.10	0		0.0	0.0	15	38	Current
05-Jul		1	2.25	0		0.0	0.0	16	38	Current
06-Jul		1	2.36	0		0.0	0.0	16	39	Current
07-Jul		1	2.43	0		0.0	0.0	16	39	Current
08-Jul		1	2.56	0		0.0	0.0	17	40	Current
09-Jul		1	2.73	0		0.0	0.0	17	40	Current
10-Jul		1	2.91	0		0.0	0.0	18	41	Current
11-Jul		1	3.08	0		0.0	0.0	18	42	Current
12-Jul		1	3.24	0		0.0	0.0	19	43	Current
13-Jul		2	3.40	0		0.0	0.0	19	44	Current
14-Jul		2	3.55	0		0.0	0.0	20	44	Current
15-Jul		2	3.69	0		0.0	0.0	20	45	Current
16-Jul		2	3.83	0		0.0	0.0	21	46	Current
17-Jul		3	3.96	0		0.0	0.0	21	46	Current
18-Jul		3	4.07	0		0.0	0.0	22	47	Current
19-Jul		3	4.20	0		0.0	0.0	22	48	Current
20-Jul		3	4.32	0	0%	0.0	0.0	23	49	Current
21-Jul		3	4.43	0	0%	0.0	0.0	23	50	Current
22-Jul		3	4.52	0	0%	0.0	0.0	24	50	Current
23-Jul		3	4.58	0	0%	0.0	0.0	25	51	Current
24-Jul		3	4.63	0	0%	0.0	0.0	25	51	Current
25-Jul		3	4.67	0	0%	0.0	0.0	25	52	Current
26-Jul		3	4.72	0	0%	0.0	0.0	25	52	Current
27-Jul		3	4.77	0	0%	0.0	0.0	26	53	Current
28-Jul		4	4.81	0	0%	0.0	0.0	26	53	Current
29-Jul		4	4.86	0	0%	0.0	0.0	26	54	Current
30-Jul		4	4.89	0	0%	0.0	0.0	27	55	Current
31-Jul		4	4.91	0	0%	0.0	0.0	27	55	Current
01-Aug		4	4.94	0	0%	0.0	0.0	28	56	Current
02-Aug		5	4.95	0	1%	0.0	0.0	28	57	Current
03-Aug		5	4.90	0	1%	0.0	0.0	29	58	Current
04-Aug		5	4.89	1	1%	0.0	0.0	29	58	Current
05-Aug		5	4.87	1	2%	0.0	0.0	30	59	Current
06-Aug		5	4.86	1	3%	0.0	0.0	30	59	Current

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						Growth (0-1)	Photosynthesis (0-1)		
23-Sep									
24-Sep									
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26-Sep									
27-Sep									
28-Sep									
29-Sep									
30-Sep									
01-Oct									
02-Oct									
03-Oct									
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06-Oct									
07-Oct									
08-Oct									