

Supplemental Table S1 Phenological growth stages of soybean plants.

Plants were grown with or without deep placement of coated urea at 30m 100 or 1000 μ M sulfate.

Growth stages were observed in 6 biological replicates.

Date observed	plant No.	31st May	6th June	16th June	20th June	7th July	13th July	24th July	4th Aug.	15th Aug.	25th Aug.	4th Sep.	9th Sep.	
with deep placement	S 30	1	102	103	105	501	602	607	701	707	707	709	809	909
		2	103	103	105	502	602	607	701	707	707	709	804	909
		3	102	103	105	501	604	607	701	707	707	709	809	909
		4	103	103	105	501	604	607	701	707	707	709	809	909
		5	102	104	106	601	604	609	701	707	707	709	809	909
		6	103	102	104	601	604	607	701	707	707	709	809	909
	S 100	1	103	104	105	501	601	607	701	705	707	709	809	909
		2	103	103	105	601	604	607	701	707	707	709	809	909
		3	103	103	105	501	604	607	701	707	707	709	809	909
		4	102	102	105	501	601	607	701	707	707	709	809	909
		5	103	103	105	501	603	607	701	705	707	709	809	909
		6	103	103	105	501	604	607	701	707	707	709	809	909
	S 1000	1	102	102	104	501	604	607	701	707	707	709	806	909
		2	102	103	105	601	604	607	701	707	707	709	809	909
		3	103	103	105	601	604	607	701	707	707	709	809	909
		4	102	104	105	601	604	607	701	707	707	709	809	909
		5	102	103	105	602	601	609	701	707	707	709	809	909
		6	103	104	106	602	604	607	701	707	707	709	809	909
without deep placement	S 30	1	102	103	105	501	604	607	701	707	707	709	809	909
		2	102	103	105	601	604	607	701	707	707	709	809	909
		3	103	103	104	601	604	607	701	705	707	709	809	909
		4	103	104	105	601	604	607	701	707	707	709	809	909
		5	102	103	105	501	603	607	701	705	707	709	809	909
		6	103	103	105	501	604	607	607	703	707	709	804	909
	S 100	1	103	103	105	501	604	607	701	707	707	709	809	909
		2	102	103	105	501	603	607	701	707	707	709	809	909
		3	102	103	105	501	501	607	701	707	707	709	809	909
		4	102	103	105	501	601	607	701	707	707	709	807	909
		5	103	103	105	501	603	607	701	705	707	709	809	909
		6	103	103	105	501	603	607	701	707	707	709	809	909
	S 1000	1	101	103	104	501	601	607	701	705	707	709	807	909
		2	102	103	105	501	604	607	701	705	707	709	809	909
		3	103	103	105	501	601	607	701	701	707	709	807	909
		4	103	103	105	501	604	607	701	705	707	709	809	909
		5	103	103	105	501	604	607	701	705	707	709	809	909
		6	102	103	105	601	604	609	701	707	707	709	809	909