



## Estimated Net Returns Worksheet for Non-Irrigated Roundup Ready Soybean Production System

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		Yield (bushels/acre)						
		20	25	30	35	40	45	50
Price (\$/bu)		----- \$/acre -----						
<b>\$6.50</b>	w/o fungicide	\$17.06	\$49.56	\$82.06	\$114.56	\$147.06	\$179.56	\$212.06
	with fungicide	-\$12.94	\$19.56	\$52.06	\$84.56	\$117.06	\$149.56	\$182.06
<b>\$6.00</b>	w/o fungicide	\$7.06	\$37.06	\$67.06	\$97.06	\$127.06	\$157.06	\$187.06
	with fungicide	-\$22.94	\$7.06	\$37.06	\$67.06	\$97.06	\$127.06	\$157.06
<b>\$5.50</b>	w/o fungicide	-\$2.94	\$24.56	\$52.06	\$79.56	\$107.06	\$134.56	\$162.06
	with fungicide	-\$32.94	-\$5.44	\$22.06	\$49.56	\$77.06	\$104.56	\$132.06
<b>\$5.00</b>	w/o fungicide	-\$12.94	\$12.06	\$37.06	\$62.06	\$87.06	\$112.06	\$137.06
	with fungicide	-\$42.94	-\$17.94	\$7.06	\$32.06	\$57.06	\$82.06	\$107.06
<b>\$4.50</b>	w/o fungicide	-\$22.94	-\$0.44	\$22.06	\$44.56	\$67.06	\$89.56	\$112.06
	with fungicide	-\$52.94	-\$30.44	-\$7.94	\$14.56	\$37.06	\$59.56	\$82.06
<b>Variable Costs =</b>		<b>\$112.94</b>	<b>\$/acre</b>					
<b>Total fungicide cost with application (2 times over) =</b>		<b>\$30.00</b>	<b>\$/acre</b>					



## Estimated Net Returns Worksheet for Irrigated Roundup Ready Soybean Production System

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**Table 2. Estimated net returns above variable costs for flood-irrigated soybean production following rice, with and without fungicide application at various prices, Arkansas, 2005<sup>1</sup>**

		Yield (bushels/acre)						
		20	25	30	35	40	45	50
Price (\$/bu)		----- \$/acre -----						
<b>\$6.50</b>	w/o fungicide	-\$17.57	\$14.93	\$47.43	\$79.93	\$112.43	\$144.93	\$177.43
	with fungicide	-\$47.57	-\$15.07	\$17.43	\$49.93	\$82.43	\$114.93	\$147.43
<b>\$6.00</b>	w/o fungicide	-\$27.57	\$2.43	\$32.43	\$62.43	\$92.43	\$122.43	\$152.43
	with fungicide	-\$57.57	-\$27.57	\$2.43	\$32.43	\$62.43	\$92.43	\$122.43
<b>\$5.50</b>	w/o fungicide	-\$37.57	-\$10.07	\$17.43	\$44.93	\$72.43	\$99.93	\$127.43
	with fungicide	-\$67.57	-\$40.07	-\$12.57	\$14.93	\$42.43	\$69.93	\$97.43
<b>\$5.00</b>	w/o fungicide	-\$47.57	-\$22.57	\$2.43	\$27.43	\$52.43	\$77.43	\$102.43
	with fungicide	-\$77.57	-\$52.57	-\$27.57	-\$2.57	\$22.43	\$47.43	\$72.43
<b>\$4.50</b>	w/o fungicide	-\$57.57	-\$35.07	-\$12.57	\$9.93	\$32.43	\$54.93	\$77.43
	with fungicide	-\$87.57	-\$65.07	-\$42.57	-\$20.07	\$2.43	\$24.93	\$47.43
<b>Variable Costs =</b>		<b>\$147.57</b>	<b>\$/acre</b>					
<b>Total fungicide cost with application (2 times over) =</b>		<b>\$30.00</b>	<b>\$/acre</b>					

<sup>1</sup> Assumes no yield loss with timely applications.



# Additional Yield Needed to Justify Fungicide Expenses

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**Table 3. Bushels needed to cover fungicide cost at various soybean prices.<sup>1</sup>**

Price (\$/bu)	Fungicide Cost (\$/acre)						
	\$30.00	\$35.00	\$40.00	\$45.00	\$50.00	\$55.00	\$60.00
	----- bu/acre -----						
<b>\$6.50</b>	4.6	5.4	6.2	6.9	7.7	8.5	9.2
<b>\$6.00</b>	5.0	5.8	6.7	7.5	8.3	9.2	10.0
<b>\$5.50</b>	5.5	6.4	7.3	8.2	9.1	10.0	10.9
<b>\$5.00</b>	6.0	7.0	8.0	9.0	10.0	11.0	12.0
<b>\$4.50</b>	6.7	7.8	8.9	10.0	11.1	12.2	13.3

<sup>1</sup> Assumes other costs remain constant.