DIVISION OF AGRICULTURE RESEARCH & EXTENSION

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Agriculture and Natural Resources

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Cultivating Financial Security: A Guide on Farm Finances, Taxes, and Crop Insurance

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Overview

Crop insurance as it relates to agricultural finance is important when creating financial security for a successful farm. Crop insurance has both financial and tax implications that directly impact a producer's tax bill and budget at the farm level. Understanding the impact of these factors is imperative for informed farm planning, debt financing, and determining correct taxable income during the tax reporting season. These concepts serve as foundational knowledge so a farmer can be prepared when creating budgets and managing their production and financial risk. We discuss the Schedule F tax form (e.g., profit and loss from farming) and provide a hypothetical pre-harvest budget including crop insurance. All serve to highlight the importance of planning early to find financial peace of mind when uncontrollable and catastrophic production losses occur.

A Brief History

The United States (U.S.) agricultural sector experienced the most extreme financial crisis – only superseded by the Great Depression – from 1981-1986 (Barnett, 2000). During the decade prior to 1980, a bubble (similar to the 2008 housing crisis) was created in agriculture with sharp increases in debt levels, land values, and demands for U.S. commodities leading to increased production and investment in farmland. During this time, the real price of corn increased by 35% while farmland values rose by 88% (Bergman et al. 2020). In other words, the potential for high returns in a stable sector attracted more investment in agriculture. Additionally, the U.S. tax code leading up to the 1980s created incentives for investment, with the "income tax deduction" being the most important incentive (Barnett, 2000). The income tax deduction incentive meant interest expenses could be used to reduce taxable income, thus dropping the "effective" interest rate a producer pays on a loan - creating an incentive to increase farm debt. With increasing inflation, producers and investors alike saw the need to invest their money in appreciating assets, such as farmland, rather than retaining cash reserves.

The financial crisis began in 1981 by a combination of 1) tightening monetary policy by the Federal Reserve in 1979 that increased interest rates and raised the farm debt burden, 2) the strengthening U.S. dollar

making U.S. commodities more expensive in the global market, and 3) a 1980 ban on grain exported to the Soviet Union that plunged export demand (Bergman et al. 2020). These factors exacerbated leveraging issues since producers had heavily invested in agriculture during the boom of the '70s. These producers faced declining markets resulting from reduced export demand due to a strong U.S. dollar coupled with sharp increases in borrowing costs following monetary policy decisions in 1979. Thus, the 1980s in agriculture was a period of financial distress from declines in farm income, steep declines in farmland values, and tight credit conditions (Bergman et al. 2020). For example, the average value of farmland and commodity prices dropped by 50% during the farm crisis. The effects of the crisis were felt well beyond the farm gate; over 100 agricultural banks failed during this period (Barnett, 2000).

The farm crisis greatly increased producer interest in crop insurance policies as a means of stabilizing farm revenue to alleviate similar crises that could arise in the future¹. These policies aim to strengthen the farm sector's balance sheets by providing additional tools with which producers could better manage their financial risks. Over the years, the federal crop insurance program offerings have expanded and evolved to offer more and better risk management products. Today, by far the most popular insurance products on commercial crops are revenue protection (RP) policies, which allow producers to guarantee a designated level of revenue protection against falling commodity prices (Biram and Rainey, 2023b). RP allows producers to better equip themselves to cover farm debt obligations since they are guaranteed to receive a portion of their expected revenue.

The "Schedule F" and Tax Implications of Crop Insurance

The Schedule F (commonly referred to as the "Profit and Loss from Farming") is an Internal Revenue Service (IRS) form that allows producers to report their net profit (or losses) from agricultural production (IRS, 2022). Schedule F pertains to reporting revenues and expenses from principal farming activities, such as grain and livestock sold, income from cooperatives, farm program payments, and federal crop insurance distributions. An example Schedule F is provided in this fact sheet so producers can familiarize themselves with the form and any income and cost categories included. Discussion here will not focus on the intricacies of filling out a Schedule F but will focus on crop insurance premiums and indemnities as they relate to Schedule F and taxes.

Crop insurance proceeds (or indemnities) are included on Schedule F as farm income and can be reported in several ways. Consider lines 6a-d where crop insurance income is reported. Line 6 on Schedule F is income reporting for crop insurance and federal crop disaster payments, while line 6a pertains to the amount received from these programs and 6b is the taxable amount of that income. A producer who is awarded a \$50,000 crop insurance indemnity would receive a 1099-MISC from the crop insurance company containing that payment amount. The \$50,000 would then be reported on line 6a as the amount received that year. The producer is then presented with two options: they can elect to have the indemnity included in that year's taxable income (in which case, the producer would include the dollar amount on line 6b) or have the income deferred to next year. Income can be deferred if, and only if, the insured crop (or crops) are typically sold the year after production (checkmark line 6c while leaving 6b blank). The deferment of income protects the producer from being taxed on excess income in one year if their regular practice would have been to sell the crop the following year (Tidgren, 2019). If crop insurance payments are deferred, next year's Schedule F would include the amount deferred from the previous year on line 6d. Furthermore, a producer is eligible to deduct their crop insurance premium expenses from their tax bill by recording the amount they paid for crop insurance policies in that year on Schedule F – Part II, line 20 (insurance (other than health)). For example, if a producer paid \$40,000 in total for their premiums, then line 20 would include \$40,000.

Crop Insurance and Debt Obligations

Using crop insurance to guarantee debt obligation coverage is one of many ways insurance can be used as a risk management tool. Operating loans are typically revolving lines of credit that assist in covering pre-harvest expenses (e.g., seed cost, fertilizer, fuel, etc.). Table 1 below contains example revenue and pre-harvest expenses that might be incurred by a soybean producer in Arkansas. We assume the farm-level Actual

¹The premium subsidy was first introduced into the federal multiple peril crop insurance (MPCI) program in 1980 with the Federal Crop Insurance Act (Biram, 2023, Biram and Coble, 2023), and crop insurance participation was relatively low until the passage of this act (Knight and Coble, 1997).

Table 1. Simplified Sample Budget for an Arkansas Soybean Producer

REVENUE		
APH Yield	Per Acre	50
Projected Price (USDA-RMA)	Per Bushel	\$12.60
Expected Revenue (324 Acres)		\$204,120.00
Expected Revenue (500 Acres)		\$315,000.00
PRE-HARVEST EXPENSES		
Seed	Per Acre	\$57.00
Fertilizer	Per Acre	\$81.55
Herbicide, Pesticide, & Fungicide	Per Acre	\$155.14
Fuel (Irrigation & Equipment)	Per Acre	\$29.24
Expected Pre-Harvest Expenses (324 Acres)		\$104,629.32
Expected Pre-Harvest Expenses (500 Acres)		\$161,465.00

*Note: 324-acre farm size was derived from the 2023 Arkansas Agriculture Profile. Pre-harvest expenses are based on the University of Arkansas' 2023 furrow-irrigated conventional soybean enterprise budget.

Production History (APH) soybean yield to be the state-average yield of 50 bushels per acre, and the Projected Price² for the 2024 growing season to be \$12.60 per bushel.

Consider a producer who finances an operating loan to cover their pre-harvest expenses (e.g., \$105,000 based on a 324-acre farm). Additionally, they elect to use RP crop insurance to guarantee a level of revenue. For example, at a coverage level of 50% the producer would be guaranteed \$102,060 based on an expected revenue of \$204,120 (\$204,120 * 0.50 = \$102,060). A producer may look to cover their operating debt obligations to manage the risk of a catastrophic loss. Will the RP guarantee cover the entire operating loan obligation? Additionally, we consider the option of a producer taking

² See Biram and Rainey (2023a, 2023b) for more information on APH yield and the USDA-RMA Projected Price.

Table 2. Returns Above \$105,000 Operating Loan (324 Acres)

Catastrophic Risk Protection Endorsement (CAT) coverage that triggers in the event of a yield loss of 50% or more. CAT coverage provides producers with low-cost coverage on 50% of APH yield and 55% of the RMA projected price (Biram and Coble, 2023). For this fact sheet, we assume total yield loss (e.g., 0 bushels per acre). Tables 2 and 3 below highlight realized returns to a producer net of their operating loan obligation based on a 324-acre and 500-acre farm. Returns are compared over an interest rate range of 5% to 10% (.5% increments) and RP elected coverage levels from 50% to 85% (5% increments).

If the dollar value within Table 2 is positive, then operating loan debt is covered with additional funds to pay other debt obligations. If the amount is negative, a producer would be unable to finance their entire operating loan only using RP or CAT payments. It's important to note that pre-harvest expenses are only an estimate and RP insurance premiums and CAT administrative fees are not included in this analysis.

Furthermore, we assume an annual interest rate with the producer paying the operating loan in one lump-sum at the end of harvest; that is, if the annual interest rate is 5% and payment is made at the end of harvest (assuming 9 months) with an operating loan of \$105,000, the monthly payment would be \$11,993.13 with a total pay off amount of \$107,938.21 (\$11,993.13 * 9 months). We find farm size may play an important part in this decision since RP indemnities increase with the number of acres despite increased production costs with increased farm size. Also, under no circumstance does CAT coverage ensure a producer that they can

	CAT COVERAGE		REVENUE PROTECTION (RP) CROP INSURANCE COVERAGE LEVEL						
OPERATING LOAN INTEREST RATE	50% Yield, 55% Price	50%	55%	60%	65%	70%	75%	80%	85%
5.00%	-\$51,805.21	-\$5,878.21	\$4,327.79	\$14,533.79	\$24,739.79	\$34,945.79	\$45,151.79	\$55,357.79	\$65,563.79
5.50%	-\$52,101.39	-\$6,174.39	\$4,031.61	\$14,237.61	\$24,443.61	\$34,649.61	\$44,855.61	\$55,061.61	\$65,267.61
6.00%	-\$52,398.01	-\$6,471.01	\$3,734.99	\$13,940.99	\$24,146.99	\$34,352.99	\$44,558.99	\$54,764.99	\$64,970.99
6.50%	-\$52,695.05	-\$6,768.05	\$3,437.95	\$13,643.95	\$23,849.95	\$34,055.95	\$44,261.95	\$54,467.95	\$64,673.95
7.00%	-\$52,992.51	-\$7,065.51	\$3,140.49	\$13,346.49	\$23,552.49	\$33,758.49	\$43,964.49	\$54,170.49	\$64,376.49
7.50%	-\$53,290.41	-\$7,363.41	\$2,842.59	\$13 <i>,</i> 048.59	\$23,254.59	\$33,460.59	\$43,666.59	\$53,872.59	\$64,078.59
8.00%	-\$53,588.73	-\$7,661.73	\$2,544.27	\$12,750.27	\$22,956.27	\$33,162.27	\$43,368.27	\$53,574.27	\$63,780.27
8.50%	-\$53,887.47	-\$7,960.47	\$2,245.53	\$12,451.53	\$22,657.53	\$32,863.53	\$43,069.53	\$53,275.53	\$63,481.53
9.00%	-\$54,186.64	-\$8,259.64	\$1,946.36	\$12,152.36	\$22,358.36	\$32,564.36	\$42,770.36	\$52,976.36	\$63,182.36
9.50%	-\$54,486.24	-\$8,559.24	\$1,646.76	\$11,852.76	\$22,058.76	\$32,264.76	\$42,470.76	\$52,676.76	\$62,882.76
10.00%	-\$54,786.26	-\$8,859.26	\$1,346.74	\$11,552.74	\$21,758.74	\$31,964.74	\$42,170.74	\$52,376.74	\$62,582.74

*Note: Average interest rate on operating loans in Q2 2023 is 8.25% with an average loan size of \$65,000 (KC-FED, 2023). CAT coverage levels based on data in Table 1 for yield and projected price are 25 bushels and \$6.93, respectively.

Table 3. Returns Above \$162,000	Operating	Loan	(500 Acres)
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	CAT COVERAGE		REVENUE PROTECTION (RP) CROP INSURANCE COVERAGE LEVEL						
OPERATING LOAN INTEREST RATE	50% Yield, 55% Price	50%	55%	60%	65%	70%	75%	80%	85%
5.00%	-\$79,908.24	-\$9,033.24	\$6,716.76	\$22,466.76	\$38,216.76	\$53,966.76	\$69,716.76	\$85,466.76	\$101,216.76
5.50%	-\$80,365.21	-\$9,490.21	\$6,259.79	\$22,009.79	\$37,759.79	\$53,509.79	\$69,259.79	\$85,009.79	\$100,759.79
6.00%	-\$80,822.84	-\$9,947.84	\$5,802.16	\$21,552.16	\$37 <i>,</i> 302.16	\$53 <i>,</i> 052.16	\$68,802.16	\$84,552.16	\$100,302.16
6.50%	-\$81,281.13	-\$10,406.13	\$5,343.87	\$21,093.87	\$36,843.87	\$52,593.87	\$68,343.87	\$84,093.87	\$99,843.87
7.00%	-\$81,740.08	-\$10,865.08	\$4,884.92	\$20,634.92	\$36,384.92	\$52,134.92	\$67,884.92	\$83 <i>,</i> 634.92	\$99,384.92
7.50%	-\$82,199.68	-\$11,324.68	\$4,425.32	\$20,175.32	\$35,925.32	\$51 <i>,</i> 675.32	\$67,425.32	\$83,175.32	\$98,925.32
8.00%	-\$82,659.95	-\$11,784.95	\$3,965.05	\$19,715.05	\$35 <i>,</i> 465.05	\$51 <i>,</i> 215.05	\$66,965.05	\$82,715.05	\$98,465.05
8.50%	-\$83,120.87	-\$12,245.87	\$3,504.13	\$19,254.13	\$35,004.13	\$50,754.13	\$66,504.13	\$82,254.13	\$98,004.13
9.00%	-\$83,582.45	-\$12,707.45	\$3 <i>,</i> 042.55	\$18,792.55	\$34,542.55	\$50,292.55	\$66,042.55	\$81,792.55	\$97,542.55
9.50%	-\$84,044.68	-\$13,169.68	\$2,580.32	\$18,330.32	\$34,080.32	\$49,830.32	\$65,580.32	\$81 <i>,</i> 330.32	\$97,080.32
10.00%	-\$84,507.58	-\$13,632.58	\$2,117.42	\$17,867.42	\$33,617.42	\$49,367.42	\$65,117.42	\$80,867.42	\$96,617.42

cover their operating loan debt at the representative loan and farm size. Tables 2 and 3 show that returns based on a 50% RP coverage level will be negative regardless of farm size. Increasing their coverage to 55% would mean a producer could guarantee covering their operating loan. In fact, at an interest rate of 7% and an RP coverage level of 55%, a producer could guarantee \$10,206 and \$15,750 more in revenue for a 324-acre and 500-acre farm size, respectively. Currently, a producer could expect to pay an interest rate ranging from 8 - 8.50% and would be advised to elect at least a 55% RP coverage level to ensure operating loan obligations are met.

References

- Barnett, B. J. (2000). The U.S. Farm Financial Crisis of the 1980s. Agricultural History, 74(2), 366–380. http://www.jstor.org/stable/3744858
- Bergman, N.K., Iyer, R., Thakor, R. (2020). The Effect of Cash Injections: Evidence from the 1980s Farm Debt Crisis. The Review of Financial Studies, 33(11), 5092 – 5130. Available at: https://doi.org/10.1093/rfs/hhaa012
- Biram, H.D. & Coble, K. H. (2023). A Brief History of Crop Insurance. University of Arkansas System Division of Agriculture, Cooperative Extension Service Fact Sheet No. <u>FSA70</u>.
- Biram, H.D. and Rainey, R. (2023a). *Individual Crop Insurances: Yield Protection*. University of Arkansas System Division of Agriculture, Cooperative Extension Service Fact Sheet No. <u>FSA78</u>.

- Federal Reserve Bank of Kansas City. (2023, July 19). Ag Credit Survey. Retrieved September 22, 2023, from <u>https://www.kansascityfed.org/agriculture/ag-credit-survey/</u>.
- Internal Revenue Service. (2023, July 13). About Schedule F (Form 1040), Profit or Loss From Farming. Retrieved September 25, 2023, from <u>https://</u> www.irs.gov/forms-pubs/about-schedule-f-form-1040.
- Knight, T. O. and K. H. Coble. 1997. "Survey of Multiple Peril Crop Insurance Literature Since 1980." Review of Agricultural Economics 19(1): 128 - 156.
- Tidgen, K.A. (2019). Special Rule for Taxing Crop Insurance and Disaster Payments. Iowa State University Center for Agricultural Law and Taxation. Retrieved September 25, 2023, from https://www.calt.iastate.edu/blogpost/special-ruletaxing-crop-insurance-and-disaster-payments.
- University of Arkansas Division of Agriculture. (2023, April). Conventional Soybean – Furrow Irrigated Budget for Arkansas. Retrieved September 22, 2023, from <u>https://www.uaex.uada.edu/farm-ranch/</u> <u>economics-marketing/farm-planning/budgets/</u> <u>crop-budgets.aspx</u>.
- University of Arkansas Division of Agriculture. (2023, August 25). Pocket Facts 2023 – Arkansas Agriculture Profile. Retrieved September 22, 2023, from <u>https://uada.edu/docs/2023</u> AR Ag profile.pdf.

Biram, H.D. and Rainey, R. (2023b). Individual Crop Insurances: Revenue Protection, and Revenue Protection – Harvest Price Exclusion. University of Arkansas System Division of Agriculture, Cooperative Extension Service Fact Sheet No. FSA79.

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SCHE	DULE	F
(Form	1040)	

Profit or Loss From Farming

OMB No. 1545-0074

Attach to Form 1040, Form 1040-SR, Form 1040-NR, Form 1041, or Form 1065. Go to www.irs.gov/ScheduleF for instructions and the latest information.

Internal Revenue Service Name of proprietor

Department of the Treasury

A	Principal crop or activity	B Enter coo	de from Part IV C Accounting method: E	Employer ID number (EIN) (see instr
Е	Did you "materially participate" in the operation	ion of this business during	2022? If "No," see instructions for limit on I	bassive losses 🗌 Yes 🗌 No
F	Did you make any payments in 2022 that wo	uld require you to file Form	n(s) 1099? See instructions	🗌 Yes 🗌 No
G	If "Yes," did you or will you file required Forr	n(s) 1099?		🗌 Yes 🗌 No
P	art I Farm Income—Cash Metho	od. Complete Parts I a	nd II. (Accrual method. Complete Par	ts II and III, and Part I, line 9.
1	a Sales of purchased livestock and other	resale items (see instruction	ons) 1a	
	b Cost or other basis of purchased livesto	ck or other items reported	on line 1a 1b	
	c Subtract line 1b from line 1a			1c
2	2 Sales of livestock, produce, grains, and	other products you raised		2
3	Ba Cooperative distributions (Form(s) 1099	-PATR) . 3a	3b Taxable amount .	3b
4	la Agricultural program payments (see inst	ructions) . 4a	4b Taxable amount .	· · 4b
Ę	5a Commodity Credit Corporation (CCC) Ic	ans reported under election	on	<u>5a</u>
	b CCC loans forfeited	5 b	5c Taxable amount .	5 c
6	Crop insurance proceeds and federal cr	op disaster payments (see	e instructions):	
	a Amount received in 2022	6 a	6b Taxable amount .	6b
	c If election to defer to 2023 is attached, o	check here	6d Amount deferred from	2021 6d
7	Custom hire (machine work) income .			7
8	3 Other income, including federal and stat	e gasoline or fuel tax cred	lit or refund (see instructions)	8
(Gross income. Add amounts in the ri accrual method, enter the amount from	ght column (lines 1c, 2, 3 Part III, line 50. See instru	3b, 4b, 5a, 5c, 6b, 6d, 7, and 8). If you us ctions .	se the 9
Pa	art II Farm Expenses – Cash and	Accrual Method. Do	o not include personal or living exper	ses. See instructions.
10	O Car and truck expenses (see		23 Pension and profit-sharing plans	23
	instructions). Also attach Form 4562	10	24 Rent or lease (see instructions):	
11	Chemicals	11	a Vehicles, machinery, equipment	24a
12	2 Conservation expenses (see instructions)	12	b Other (land, animals, etc.) .	24b
13	B Custom hire (machine work)	13	25 Repairs and maintenance	25
14	Depreciation and section 179 expense		26 Seeds and plants	26
	(see instructions)	14	27 Storage and warehousing .	27
15	5 Employee benefit programs other than		28 Supplies	28
	on line 23	15	29 Taxes	29
16	5 Feed	16	30 Utilities	30
17	Fertilizers and lime	17	31 Veterinary, breeding, and medici	ne . 31
18	B Freight and trucking	18	32 Other expenses (specify):	
19	Gasoline, fuel, and oil	19	a	32a
20	Insurance (other than health)	20	b	32b
21	I Interest (see instructions):		с	32c
	a Mortgage (paid to banks, etc.)	21a	d	32d
	b Other	21b	е	32e
_22	2 Labor hired (less employment credits)	22	f	32f
33	3 Total expenses. Add lines 10 through 3	32f. If line 32f is negative, s	see instructions	33
34	Net farm profit or (loss). Subtract line 3	33 from line 9		34
	If a profit, stop here and see instructions	s for where to report. If a lo	oss, complete line 36.	
35	Reserved for future use.			
36	6 Check the box that describes your invest	stment in this activity and	see instructions for where to report your los	s:
	a All investment is at risk.	b Some investment	is not at risk.	

For Paperwork Reduction Act Notice, see the separate instructions.

Cat. No. 11346H

Schedule F (Form 1040) 2022

Schedule F (Form 1040) 2022

Part	III Farm Income – Accrual Method (see instructions)	
37	Sales of livestock, produce, grains, and other products (see instructions)	37
38a	Cooperative distributions (Form(s) 1099-PATR) . 38a 38b Taxable amount	38b
39a	Agricultural program payments	39b
40 a	Commodity Credit Corporation (CCC) loans: CCC loans reported under election	40a
b	CCC loans forfeited	40c
41	Crop insurance proceeds	41
42	Custom hire (machine work) income	42
43	Other income (see instructions)	43
44	Add amounts in the right column for lines 37 through 43 (lines 37, 38b, 39b, 40a, 40c, 41, 42, and 43)	44
45	Inventory of livestock, produce, grains, and other products at beginning of the year. Do not include sales reported on Form 4797 45	-
46	Cost of livestock, produce, grains, and other products purchased during the year 46	-
47	Add lines 45 and 46	-
48	Inventory of livestock, produce, grains, and other products at end of year	-
49	Cost of livestock, produce, grains, and other products sold. Subtract line 48 from line 47*	49
50	Gross income. Subtract line 49 from line 44. Enter the result here and on Part I, line 9	50

* If you use the unit-livestock-price method or the farm-price method of valuing inventory and the amount on line 48 is larger than the amount on line 47, subtract line 47 from line 48. Enter the result on line 49. Add lines 44 and 49. Enter the total on line 50 and on Part I, line 9.

Part IV Principal Agricultural Activity Codes

Do not file Schedule F (Form 1040) to report the following.

• Income from providing agricultural services such as soil preparation, veterinary, farm labor, horticultural

services if your principal source of income is from providing such services. Instead, see instructions for Schedule C (Form 1040).

• Income from breeding, raising, or caring for dogs, cats, or other pet animals. Instead, see instructions for Schedule C (Form 1040).

• Income from managing a farm for a fee or on a contract basis. Instead, see instructions for Schedule C (Form 1040).

• Sales of livestock held for draft, breeding, sport, or dairy purposes. Instead, see instructions for Form 4797.

These codes for the Principal Agricultural Activity classify farms by their primary activity to facilitate the administration of the Internal Revenue Code. These six-digit codes are based on the North American Industry Classification System (NAICS).

Select the code that best identifies your primary farming activity and enter the six-digit number on line B.

Crop Production

Oilseed and grain farming

111210 Vegetable and melon farming

111300 Fruit and tree nut farming

111400 Greenhouse, nursery, and floriculture production

111900 Other crop farming

Animal Production

- 112111 Beef cattle ranching and farming
- 112112 Cattle feedlots
- 112120 Dairy cattle and milk production
- 112210 Hog and pig farming
- 112300 Poultry and egg production
- 112400 Sheep and goat farming
- 112510 Aquaculture
- 112900 Other animal production

Forestry and Logging

- 113000 Forestry and logging (including forest nurseries and timber tracts)
- 113110 Timber tract operations
- 113210 Forest nurseries and gathering of forest products
- 113310 Logging