Farm/Ranch Accounting and Tax 101

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The Agenda

- Tax Reform
- Basics of Accounting
- Documentation Basics
- Choosing an Accounting System
- Accounting Methods
- Reporting Farm Income
- Taking Advantage of Farm Deductions
- Accounting for Livestock
- Tax Calculations
- Get an Advisor!!!

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AGENDA



Summary

- Overall tax rates decrease
- New Section 199A 20% farm deduction
- Limitations on itemized deductions
- Double of lifetime estate/gift tax exemption
- All of above reverts back to current law in 2026
- Increased Section 179 and bonus depreciation
- Other provisions

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Comparison of MFJ Rates: Old 2018 Rates vs. TCJA

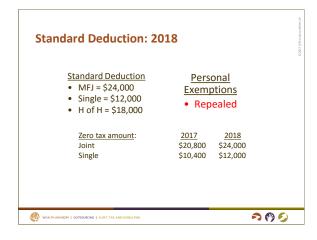
Income range	Scheduled 2018 rate	TCJA
\$1 to \$19,050	10%	10%
\$19,051 to \$77,400	15%	12%
\$77,401 to \$156,150	25%	22%
\$156,150 to \$165,000	28%	22%
\$165,001 to \$237,950	28%	24%
\$237,951 to \$315,000	33%	24%
\$315,001 to \$400,000	33%	32%
\$400,001 to \$424,950	33%	<u>35%</u>
\$424,950 to \$480,050	35%	35%
\$480,051 to \$600,000	39.6%	35%
Over \$600,000	39.6%	37%

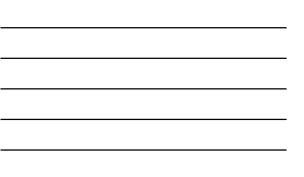
Capital Gains and Kiddie Tax

- Capital Gains No changes
 - Still retain Zero Tax Rate on effectively same income levels
 Vp to about \$100,000 tax free for MFJ
 - ♦ Up to about \$50,000 tax free for singles
 - Maximum rate still 20%
 - Retains Net Investment Income Tax of 3.8%
- Kiddie tax no longer tied to parent's income
 - Makes grain gifts taxed at Trust and Estate Tax Rates
 ◊ Essentially 37% on gifts over \$12,500

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Child and Family Tax Credits

- Child credit: increase from \$1,000 to \$2,000
 No change to "qualifying child" definition: < age 17
- Plus \$500 credit for dependent not a qualifying child for \$2,000 credit
- Refundable portion = \$1,400 & indexed
- Phase-out begins at MFJ of \$400,000 AGI (up from \$110K); Single at \$200,000 (up from \$75K)

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Itemized Deductions: Taxes

- Allow aggregate deduction of \$10,000 for income or sales tax, plus real property tax
- Does not affect payments for farmers, crop-share landlords and cash-rent landlords on their operations.
- This is only for Schedule A personal taxes

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Estate, Gift, and GST Tax

- Doubled exclusion: \$5M to \$10M + indexing for estates between 1-1-18 and 12-31-25
 - Deaths in 2017: Present exclusion is \$5,490,000
 - Will be **\$11.2 million for 2018**
- Retain annual gift tax exclusion (\$15K)
- Reverts back to current law in 2026

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- Retained for individuals
- Higher exemption amount
 - \$109,400 up from \$78,750 (MFJ)
 - \$70,300 up from \$50,600 (Single)
- Higher thresholds for phase-out
 - \$1 million for MFJ, up from \$160,900
 - \$500,000 for singles, up from \$120,700
- Likely eliminates AMT for most farmers, but not all

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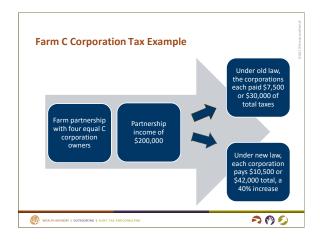
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Corporate Taxes

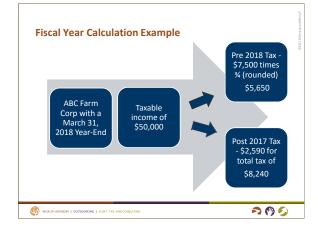
- Flat 21% rate
- Corporate AMT repealed
- May be an actual 40% tax increase for most farmers who kept corporate taxable income under \$50,000

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Section 179 Sumps to \$1 million in 2018 (indexed to inflation) Phase-out starts at \$2.5 million (indexed) Adds roofs, HVAC, Sec. Systems Can be used to optimize taxable income if farmer elects out of bonus depreciation



Bonus Depreciation Examples

- Farmer purchases \$500,000 of <u>used</u> equipment, \$350,000 of new equipment, and buys land with a machine shed worth \$500,000
 - Under old law, could only deduct \$175,000 on the new equipment using 50% bonus depreciation.
 - Under the new law, the farmer can fully depreciate all \$1,350,000 using 100% bonus depreciation
 - Or can elect out of bonus on any of the assets on an asset by asset basis (7, 15 and 20 year property)

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r	Old Law	New Law
Sales	10,000,000	10,000,000
Normal Costs	(6,000,000)	(6,000,000
Section 179		(325,000
Bonus Depreciation	(1,075,000)	(3,250,000
Regular Depreciation	(198,884)	-
Net farm income	2,726,117	425,000
Other income	500,000	500,000
Section 199/199A deduciton	(245,350)	(85,000
Standard deduction	(12,700)	(24,000
Taxable Income	2,968,067	816,000
Income Tax	1,120,585	241,299
	Savings	879,286
Savings if income is exactly the same		83,021



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Special Farmer Interest Provision

• If gross revenue over \$25 million, then farmer can elect to deduct 100% of business interest expense

- Must use ADS for depreciation of 10 year + assets (longer lives)
- Farm equipment still enjoy shorter life
- Can't take bonus depreciation on 10 year or longer life assets

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Sec. 263A Exemption

- If farmer's gross revenues less than \$25 million:
 - Can expense all preproductive costs
 - Take 100% bonus on cost of plants
 - Take 100% bonus on all other costs
- Not sure if farmers who elected out under old law can now "elect" back in
- Need IRS guidance

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Loss Limit Provisions

- Maximum Business Loss in one year \$500,000
- Net Operating Loss: limited to 80% of pre-NOL taxable income
- Pre 2018 NOLs still allowed at 100% (FIFO)
- Repeal carrybacks for non-farmers
- Allows two-year carryback for farms
- However, carryback can only offset 80% of taxable income on both carrybacks and forwards

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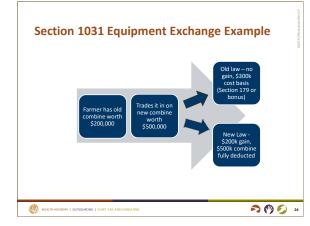
Other Business Changes

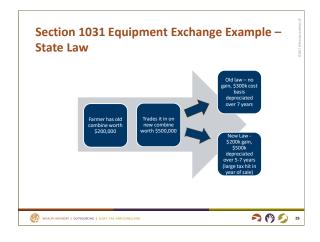
- Section 1031 exchanges for only real property

 Personal property exchanges taxable; but asset expensing
 - offsets the gain
- Drops <u>NEW</u> farm machinery from 7 years to 5
- Allows for 200%db method for farm equipment, etc. – Was 150%db since 1987

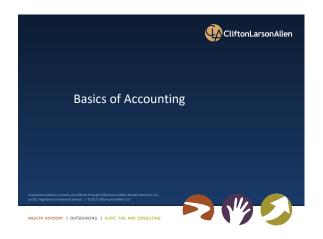
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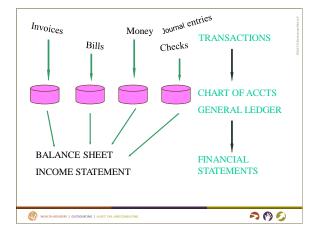














The Balance Sheet

- "Snapshot of your financial positon at any point in time
- Assets what the Farm/Ranch owns
- Liabilities what the Farm/Ranch owes
- Equity what would be left if all of your creditors were paid off
 - Assets Liabilities = Equity
 - ◊ Example: Value of your home balance of your mortgage = your homeowner's equity

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The Income Statement

- Revenue and expenses for a period of time
 - Income statement: "I made \$XXX this month or this year"
 - Balance sheet: "I have \$XXX in the bank today"
- Revenue: Income that the Farm/Ranch earns
- Expenses: What the Farm/Ranch spent or incurred
 - Some items are "non-cash" expenses (such as depreciation)

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Accounts Receivable

- Money that is owed to the Farm/Ranch - Sale of livestock or hay on credit to someone
- When you can't collect a payment
 - Write-off to expense
 - No use in paying tax on what you can't collect

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Inventory

- Things that you own that you intend to resell
 - Raised livestock (not breeding livestock)
 - Baled hay
 - Stored crops
- The cost of these items is included on the balance sheet until they are sold
 - The costs of inventory are considered an asset until they are sold

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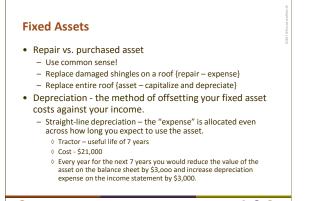
Inventory Sale example

- Example:
 - Breeding costs \$300
 - Vaccinations \$100
 - Indirect costs per calf (feed, supplies, etc.) \$200
 - Total cost of calf included in inventory = \$600
- Calf is sold for \$1,000
 - Gross sales \$1,000
 - Cost of sale (\$600)
 - Gross Profit \$400

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Liabilities

- · What you owe others
 - Bills for utilities, feed, etc.
 - Amounts owed but not paid to employees or contractors for work performed
 - Mortgages and other notes payable
 - Deposits by customers for livestock or other products to be received in the future.
- · When you incur a liability
 - Cash, fixed assets, or inventory is increased
 - Liability balance on your balance sheet is also increased
 - Payments on a note or mortgage are <u>not</u> an expense, but a reduction of what you owe someone else! Exception: the interest portion of your payment is an expense.

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Equity & Retained Earnings

- Life to date net income or loss of the Ranch
 - Each year the current income or loss is added to prior year balance
 - Example
- Checks written to owners are not "expenses" and cannot be deducted as such.
 - They are a decrease in the owner's equity in the ranch.

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Example of Basic Financial Statements

\$ 5,000 2,000 1,500 300,000 75,000 3,000 30,000 20,000	Income Sales of cattlehay Cost of cattlehay sales Gross profit Expenses	103.000 (62.000) 40,000
1,500 300,000 75,000 3,000 30,000 20,000	Cost of cattlehoy sales Gross profit Expenses	(60.000)
300.000 75.000 3.000 30.000 20.000	Gross profit Expenses	
75.000 3.000 30.000 20.000	Expenses	40,000
3.000 30.000 20.000	Expenses	40,000
30.000 20.000		
20,000		
	Bed debts	2.000
15,000	Fertilizers	800
[40,000]	Feed	3,000
	Gasoline and fuel	2,000
\$ 411,500	Insurance	2,000
	Interest expense	18.000
	Payroll costs	
	Wages	5.000
\$ 1,500	Contract labor	2,000
800	Payroll taxes	383
600	Repairs & Maintenance	2,000
2,000	Supplies	600
20.000	Property Taxes	1500
290,000	Total expenses	39,283
304,900		
	NET INCOME (LOSS)	\$ 718
156.600		
(50.000)		
106,600		
\$ 411,500.00		
	\$ 1,500	\$ 411500 Insurance Virted come Padd come Padd come Padd come 9 1500 Common team 000 Padd come Padd come 2000 Padd come Section 2000 Padd come Tad come 30000 NET INCOME (LOSS) NEXT

Documentation



- One of the primary reasons that tax deductions are denied to taxpayers is lack of appropriate documentation!
- Every expenditure for the farm/ranch should have a invoice or receipt showing what was purchased. This applies to both checks and credit card purchases.
 - If the purchase is non-descript, make sure that you write what is was for on the documentation.
 - If checks are printed, staple this documentation to the check stub.
 - If checks are hand written, be sure to write the check number and date paid on the documentation.

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Documentation, Cont.

- Handwritten notes do not constitute a substitute for adequate documentation.
- Proper support should detail:
 - Date of the transaction
 - Parties involved
 - Product or service that was exchanged
 - Quantity of product or service that was exchanged
 - Total amount
- Be especially careful about documenting expenses paid to related parties.
 - Reasonable and necessary
 - Inline with fair market values

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Documentation, Cont.

- Carefully document and record non-cash or "in-kind" expenses.
 - Loans repaid with labor or goods.
 - Use of ranch assets as repayment for services or goods
- Be sure that there is not an "income" factor as well - Barter, or exchange or one set of goods or services for another

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Documentation, Cont.

- · Vehicle mileage logs
 - Keep a detailed log of the mileage driven on any vehicle used for farm/ranch purposes.
 - At a minimum, include:
 - Where driven to
 - ◊ Whether trip was business or personal
 - ◊ Beginning odometer reading
 - O Ending odometer reading
 - Subtotal miles driven during the trip
- Employee documentation

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Selection of Accounting Software

- Software packages greatly aid in the recordkeeping function
 - Increase efficiency of reporting and profitability analysis
 - Allow better substantiation of costs
- Some include the ability to attach electronic
- documentation support to the "checkbook" transaction. • Common applications
- QuickBooks by Intuit (not Quicken)
 - Select Farm/Agriculture when setting up Chart of Accounts for the first time.
- Peachtree by Sage
- Ranching and Farming specific applications
 - Numerous options with varying price ranges and application.

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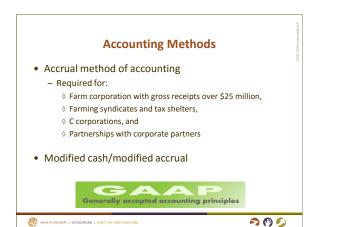
Accounting Methods

- Cash method of accounting
 - Advantages:
 - $\diamond\,$ Avoids the uncertainties of valuing inventories
 - $\diamond\,$ Better control of sales and expense recognition
 - $\diamond\,$ Stabilization of income from year to year
 - There are many specific exceptions to the use of the pure cash method which are discussed throughout this presentation



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Introduction to Farm Taxation

- Reporting Farm Income and Expenses
 - Ranch income and expenses are primarily reported on the Schedule F.
- Further details regarding reporting schedule F income and loss can be found in the IRS Publication 225, Farmer's Tax Guide
 - http://www.irs.gov/publications/p225/index.html





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Reporting Farm Income

• Revenue recognition generally follows normal accounting rules based on the farmer's method of accounting...

Except when it doesn't

Generally, under the cash method when money is received it is income



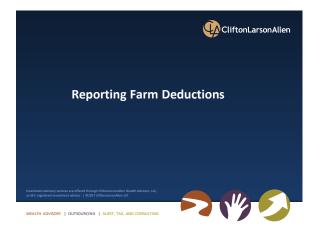
Reporting Farm Income Patronage dividends Most cooperatives will pay out earnings to members (patrons) each year to avoid paying tax on the retained income Reported on Form 1099-PATR Patrue payouts not currently taxed, but taxed upon receipt Per unit retains Reported on Form 1099-PATR, box 3 Taxable ordinary income

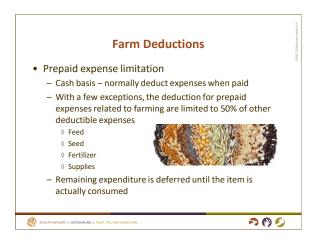
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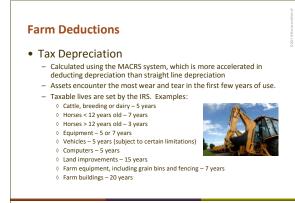
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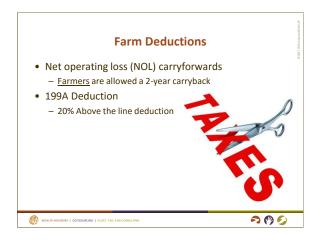
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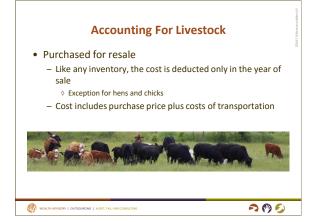
Farm Deductions Special tax depreciation – allows the entire cost of purchasing an asset to be deducted in the year of purchase. a. formanent. a. an only reduce income to zero Sub-2002 - 100% a. 2008 - 2008 b. 2008 - 2008 a. 2008 - 2008 a. 2008 - 2008 b. 2008 - 2008 a. 2008 - 2008 a. 2008 - 2008 b. 2008 - 2008 b. 2008 - 2008 c. 2008 - 2008 c. 2008 - 2008 a. 2008 - 2008 a. 2008 - 2008 b. 2008 - 2008 b. 2008 - 2008 c. 2008 - 2008 - 2008 c. 2008 - 2008 - 2008 c. 2008 - 20

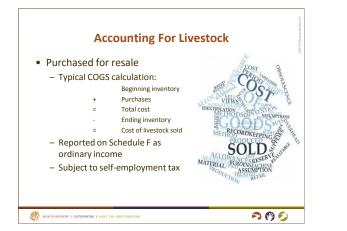
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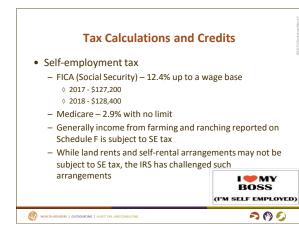
Tax Calculations and Credits

• Estimated taxes

 $-\,$ Only one estimate needed if remitted by January 15^{th}

- ♦ Tax return must be filed by April 15th
- Payment must equal two-thirds of the current year tax, or 100% of the prior year tax
- No estimates are required if the tax return is filed and all tax paid by March 1





Tax Calculations and Credits

- Net investment income tax
 - 3.8% of the lesser of:

◊ Net Investment Income, or



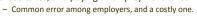
- The excess of Modified Adjusted Gross Income (MAGI) over the "threshold amount"
 - Threshold amount = \$200,000 single, \$250,000 Married, \$125,000 Filing separate, \$12,300 trusts
- Includes land rent income recharacterized as not passive
- Does not include self-rental income

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Wages: Employee vs. Contractor?

- Consideration has to be given to whether a worker is an employee or a contractor
 - How is the worker paid? Is there a consistent relationship?
 - What degree of control does the worker have over the work being performed?
 - Does the ranch or the worker bear the financial responsibility of business aspects of the job (i.e. tools, supplies, etc.) ?
 Additional employee benefits exist with wages?
- If an employee, the ranch is responsible for withholding payroll taxes from the employee's wages, matching those taxes, and paying unemployment taxes.







Other Payroll Issues

- Other income inclusions (these must be included on the employees W-2):
 - Personal use of ranch vehicle.
 - Payment of housing, food, or gasoline as part of work agreement.
 - Per diem costs for short-term work are excluded
 - Free use of ranch assets
 - Other non-cash benefits provided as part of agreement to work.
- Remember whether the worker is an employee or a contractor, there is still an annual information return filing requirement.
 - Contractor 1099s
 - Employee quarterly 941 payroll tax returns, annual W-2s

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Special Tax Provisions – Hobby Losses

- Tax definition of Farmer/Rancher based on the raising or growing of an agricultural or horticultural product.
 - Not sufficient to merely sell or process an agricultural product; it is generally necessary to participate in the process.
- Hobby "activity not engaged in for profit"
 - Schedule F losses have frequently been disallowed as "hobby losses"
 - Most frequently raised as question against horse breeding and showing and cattle-raising activities. لور é

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Special Tax Provisions – Hobby Losses

• Questions to ask:

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- Legitimate profit or gain motive?
- Complete and accurate books and records maintained? - Prior expertise in the business?
- Seek advice from qualified advisors? - Devote substantial time to the activity?
- Employ others to carry on the activity?
- Reasonable expectation of asset appreciation?
- Taxpayer previously turned an unsuccessful business into a profitable one?
- Losses attributable to unusual circumstances?
- Taxpayer lack substantial income from other sources, such that farm income is meaningful part of overall income?
- Profit substantial in relation to losses and taxpayer investment? Profit motives outweigh any elements of personal pleasure or recreation associated with the activity?

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Special Tax Provisions – Hobby Losses

Safe Harbor

- Must show a profit three out of the five years
- However, losses for the other two years cannot be substantial in relation to the income shown in three years.
- Other considerations
 - Considering the costs of the cattle or horse activity compared to the costs of carrying the real estate, where the land is held with the intent to profit from increase in its value.
 - The farming activity and the holding of land may be considered as one activity as long as the income from farming exceeds the deductions attributable to farming activity which are not directly attributable to the holding of the land.

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Special Tax Provisions – Hobby Losses

- What if you do have a hobby loss?
 - Do not include expenses on Schedule F which can be included elsewhere.
 - ◊ Real estate taxes, mortgage interest
 - Offset income with remaining farm expenses in order to bring net income to zero.
- Consider putting the farm into a S-Corporation or Partnership

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Special Tax Provisions – Deferring Income due to Drought Losses

- Due to significant drought losses, special provisions exist which allow income from the forced sale of cattle to be recognized in the next year.
- Conditions:
 - Forced to sell livestock early due to drought, flood, or other weather conditions.
 - Sale would not have occurred in the current year if not for the weather conditions.
- The income deferred to the next year is the gain attributable to the excess of the number of livestock sold over the number that would have been sold.

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Special Tax Provisions – Deferring Income due to Drought Losses Alternately, instead of claiming the income in the subsequent year, the taxpayer can elect the "involuntary conversion" rules. No income recognized if purchase of cattle to replace those sold occurs within four years. If replacement does not occur within four years, the tax return must be amended and re-filed.

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Questions??

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