

FACT SHEET Beginning Farmer Tax Programs

Zhining Sun, Xiaoyi Fang, and Ani L. Katchova¹

Farm Income Enhancement Program
Department of Agricultural, Environmental, and
Development Economics
The Ohio State University

August 3, 2023

Beginning Farmers

Beginning farmers and ranchers are defined by USDA as individuals who have been operating a farm or a ranch for 10 years or less, either as a sole operator or in collaboration with others who also have 10 years or less of farming or ranching experience. Starting a farm or a ranch can be difficult due to high startup costs, limited access to farmland, and the requirement to acquire and control a significant amount of land and capital. These factors can create a barrier to entry for many individuals who wish to enter the industry (Ahearn and Newton, 2009). To address these challenges and promote the transfer of farmland to a new generation of farmers, several states, including Ohio, have implemented Beginning Farmer Tax Credit Programs.

Beginning Farmer Tax Credit Program in Ohio

The Ohio Beginning Farmer Tax Credit Program was signed into law on April 21, 2022, and took effect after December 31, 2022. It is the newest program among six states that have implemented beginning farmer tax credit programs, including Iowa, Wisconsin, Nebraska, Minnesota, and Pennsylvania. The program's objective is to encourage the transfer of farmland to a new generation of farmers and help beginning farmers access affordable farmland and equipment. The program offers nonrefundable tax credits to landowners who sell or lease agricultural land, livestock, buildings, or equipment to beginning farmers. Additionally, it allows beginning farmers to receive tax credit for the cost of the financial management program.

The Ohio Beginning Farmer Tax Credit Program is designed to address the challenges faced by beginning farmers by offering two types of tax credits. The first type is available to beginning farmers who attend a state-approved financial management program, while the second type is for individuals and businesses that sell or rent assets to beginning farmers. These tax credits are non-refundable and can be carried forward, and they apply to both corporate and individual income taxes. To qualify as a "beginning farmer" in the program, the Ohio Department of Agriculture has added some additional requirements. Beginning farmers must have a total net worth that does not exceed \$800,000 and provide a positive projected earnings statement. They must also enroll in a financial management program to improve their business skills and receive certification as a beginning farmer. Asset owners must also meet certain requirements to be eligible for the tax credits. They must have a total of at least 10 acres of farmlands or produce an average annual income of at least \$2,500. However, equipment dealers and similar businesses are not eligible as asset owners.

Compared to other states' beginning farmer tax credit programs, Ohio's program has a relatively large cap on the number of tax credits available, with a maximum credit of \$10 million. However, the percentage of the tax credit is lower than those in some other states at 3.99% for rental and sales income.

1

¹ Zhining Sun and Xiaoyi Fang are Ph.D. students and Ani L. Katchova is Professor and Farm Income Enhancement Chair in the Department of Agricultural, Environmental, and Development Economics at The Ohio State University.

Additionally, Ohio's program has stricter requirements for enrollment and certification in a financial management program. The tax credit program also places some restrictions on the sell/lease agreements involving close relatives and limits the types of assets that are eligible for tax credits.

Overall, the Ohio Beginning Farmer Tax Credit Program is a valuable resource for beginning farmers in Ohio. It encourages asset owners to be more inclined to sell or rent farmland to beginning farmers instead of established farmers. By doing so, the program helps to ensure the continued success of Ohio's agricultural industry.

Reference

Ahearn, M., and Newton, Doris. 2009. "Beginning Farmers and Ranchers". Economic Information Bulletin Number 53. United States Department of Agriculture Economic Research Service.

Table 1 Overview of Beginning Farmer Tax Programs, by state				
State	Iowa	Wisconsin	Nebraska	
Program	Beginning Farmer Tax Credit	Beginning Farmer and Farm	Beginning Farmer Tax Credit	
	Tax credits for agricultural asset owners to lease their land, equipment, and/or buildings to beginning farmers	Asset Owner tax credits the Beginning Farmer credit is equal to the amount paid by the beginning farmer to enroll in a financial management program	Allows asset owners to receive state income tax credits for entering into a three- year rental agreement with a beginning farmer	
Tax Credit Applies to	Corporation and individual income tax			
Key Requirements	1. Iowa residents and 18 years of age. 2. Net worth ≤ \$833,000. 3. Sufficient education, training, or experience for the anticipated farm operations. 4. Access to adequate working capital, equipment, and other items to operate the farm. 5. Be the owner/operator. 6.Does not own more than a ten percent ownership interest in an agricultural asset included in the agreement.	1. Net worth of ≤ \$200, 000. 2. Farmed for ≤ 10 years out of the preceding 15 years. 3. Entered into a lease for a term of at least 3 years with an established farmer's agricultural assets for farming. 4. Uses the leased agricultural assets for farming.	1. Net worth of ≤ \$200, 000. 2. Provides the majority of the dayto-day physical labor and management of his or her farming or livestock production operations. 3. Adequate farming or live-stock production experience or demonstrates knowledge. 4. Demonstrates to the board a profit potential by submitting board-approved projected earnings statements. 5. Participates in a financial management program approved by the board.	
Credit to Asset Owner	For cash rent leases, the tax credit equals 5% of the cash rent. The cash rent cannot be more than 30% above the average cash rent for the county. / For crop share leases, the tax credit is 15%.	15% of the lease amount received by the established farmer	Refundable tax credit equal to 10% of the cash rent, or 15% of the value of the share crop rent received each year for three years.	
Benefits to Beginning Farmers	None	\$500 and the credit is available on a one-time basis	A three-year lease rather than a year-to-year lease./ Up to a \$500 tax credit reimbursement for the financial management class. / Personal property tax exemption.	
Limitations	Lease must include land./Agreement may be with close relatives.	Agreement maybe with close relatives that are state residents.	Agreement maybe with close relatives.	
Applicable Agricultural Assets	Agricultural land, depreciable machinery or equipment, buildings, bin storage, and breeding livestock	Machinery, equipment, facilities, or livestock that is used in farming.	Agricultural land, livestock, farming, or livestock production facilities or buildings and machinery used for farming or livestock production located in Nebraska.	
Lease Term	2-5 years	3 y	/ears	
Tax Credit Limit	≤ \$50,000	None		
Tax Credit Pro-	An annual cap of \$12 million	Not	capped	
gram Cap Transferability		No		
Refundability	No	No	Yes	
Carry Forward	10 years	NA	NA	
Initial Award Year	2007	2011	1999	
End Year	NA	2013	NA	

State	Minnesota	ginning Farmers Tax Programs, Pennsylvania	Ohio
Program		Beginning Farmer Tax Credit	
_	Annual state tax credits to	Tax credits to owners of	Beginning farmers who attend a
	asset owners who rent or	agricultural assets who sell or rent	financial management program&
	sell to beginning farmers	to beginning farmers	owners that sell or rent to
			beginning farmers
Tax Credit Applies to	Individual, trust, LLC, partne	ership, S-Corp, or other qualified	Cooperation & individual income
	pass-through entity income tax		tax
Key Requirements	State residents 2. Majority of labor and	Experience in agriculture/related/transferable	1. state resident 2. Enter farming within the last 10 years. 3. Farm
	management on Minnesota	skills as determined by USDA 2.	on land in Ohio. 4. Is not a
	farms. 3. Farming	No federal gross income from	partner/member/shareholder
	experience& Knowledge	agricultural production for > 10 in	/trustee of the assets the individua
	4. Positive projected	most recent taxable years. 3.	seeks to purchase or rent. 5. Total
	earnings statements 5. Net	Majority of labor and management	net worth \leq \$800,000 (including
	worth < \$979,000 in 2023	on Pennsylvania farms. 4. Written	spouse and dependent assets) 6.
	6. Enroll in/complete an	certification of beginning Farmer	Provide the majority of daily
	approved farm business	status from USDA 5. Is not&	physical labor and management of
	management program ≤ 10	whose spouse is not a partner	the farm. 7. Adequate farming
	years of their 1st year of	/member/shareholder /trustee of	experience or knowledge 8.
	farming	the owner who seeks to	Positive projected earnings
		purchase/rent agricultural assets.	statements. 9. Farming is a
			significant income source for the
			individual. 10. Participates in a
			financial management pro- gram
			approved by ODA.
Credit to Asset	10% of annual rental	5% of the sale price (max:	3.99% of sales price/3.99% of
Owner	income (max: \$7000)/ 15% of annual rental	\$32,000)/ 10% of the gross rental	rental income for the first three
	income (max:\$10,000)/	income for the first three years with maximum \$7000 per year	years
	5% of the sale price	with maximum \$7000 per year	
	(max:\$32,000)/Equal to		
	tuition paid (max:\$1000)		
Renefits to	Reginning formers are	Nana	The heginning former resoives a
Benefits to	Beginning farmers are	None	The beginning farmer receives a
Benefits to Beginning Farmers	eligible for a	None	tax credit for the cost of the
	eligible for a nonrefundable Minnesota	None	
	eligible for a nonrefundable Minnesota tax credit equal to their	None	tax credit for the cost of the
Beginning Farmers	eligible for a nonrefundable Minnesota tax credit equal to their FBM tuition paid up to a maximum of \$1,500		tax credit for the cost of the financial management program
	eligible for a nonrefundable Minnesota tax credit equal to their FBM tuition paid up to a maximum of \$1,500 Agreement may not be with	close relatives. Asset owners cannot be	tax credit for the cost of the financial management program equipment dealers/ livestock
Beginning Farmers	eligible for a nonrefundable Minnesota tax credit equal to their FBM tuition paid up to a maximum of \$1,500 Agreement may not be with		tax credit for the cost of the financial management program equipment dealers/ livestock
Beginning Farmers Limitations	eligible for a nonrefundable Minnesota tax credit equal to their FBM tuition paid up to a maximum of \$1,500 Agreement may not be with dealers/comparable entities e	close relatives. Asset owners cannot be engaged in the business of selling agricu	tax credit for the cost of the financial management program equipment dealers/ livestock altural assets for profit.
Beginning Farmers	eligible for a nonrefundable Minnesota tax credit equal to their FBM tuition paid up to a maximum of \$1,500 Agreement may not be with dealers/comparable entities e	close relatives. Asset owners cannot be	tax credit for the cost of the financial management program equipment dealers/ livestock altural assets for profit.
Beginning Farmers Limitations Applicable	eligible for a nonrefundable Minnesota tax credit equal to their FBM tuition paid up to a maximum of \$1,500 Agreement may not be with dealers/comparable entities e	close relatives. Asset owners cannot be engaged in the business of selling agricu	tax credit for the cost of the financial management program equipment dealers/ livestock altural assets for profit.
Limitations Applicable Agricultural Assets Lease Term	eligible for a nonrefundable Minnesota tax credit equal to their FBM tuition paid up to a maximum of \$1,500 Agreement may not be with dealers/comparable entities e	close relatives. Asset owners cannot be engaged in the business of selling agricu- facilities/ buildings/ machinery used for	tax credit for the cost of the financial management program equipment dealers/ livestock altural assets for profit.
Limitations Applicable Agricultural Assets Lease Term Tax Credit Limit	eligible for a nonrefundable Minnesota tax credit equal to their FBM tuition paid up to a maximum of \$1,500 Agreement may not be with dealers/comparable entities e	close relatives. Asset owners cannot be engaged in the business of selling agricular facilities/ buildings/ machinery used for Rent tax credits are applicable for fire	tax credit for the cost of the financial management program equipment dealers/ livestock altural assets for profit. r farming
Limitations Applicable Agricultural Assets Lease Term Tax Credit Limit Tax Credit Pro-	eligible for a nonrefundable Minnesota tax credit equal to their FBM tuition paid up to a maximum of \$1,500 Agreement may not be with dealers/comparable entities e Agricultural land/ livestock/	close relatives. Asset owners cannot be engaged in the business of selling agricular facilities/ buildings/ machinery used for Rent tax credits are applicable for fire \$6 million for the taxable years	tax credit for the cost of the financial management program equipment dealers/ livestock altural assets for profit.
Limitations Applicable Agricultural Assets Lease Term Tax Credit Limit	eligible for a nonrefundable Minnesota tax credit equal to their FBM tuition paid up to a maximum of \$1,500 Agreement may not be with dealers/comparable entities e	close relatives. Asset owners cannot be engaged in the business of selling agricular facilities/ buildings/ machinery used for Rent tax credits are applicable for fine \$6 million for the taxable years beginning after December 31,	tax credit for the cost of the financial management program equipment dealers/ livestock altural assets for profit. r farming
Limitations Applicable Agricultural Assets Lease Term Tax Credit Limit Tax Credit Program Cap Transferability	eligible for a nonrefundable Minnesota tax credit equal to their FBM tuition paid up to a maximum of \$1,500 Agreement may not be with dealers/comparable entities e Agricultural land/ livestock/	close relatives. Asset owners cannot be engaged in the business of selling agricular facilities/ buildings/ machinery used for facilities/ buildings/ machinery used for firm \$6 million for the taxable years beginning after December 31, 2020	tax credit for the cost of the financial management program equipment dealers/ livestock altural assets for profit. r farming
Limitations Applicable Agricultural Assets Lease Term Tax Credit Limit Tax Credit Program Cap Transferability Refundability	eligible for a nonrefundable Minnesota tax credit equal to their FBM tuition paid up to a maximum of \$1,500 Agreement may not be with dealers/comparable entities e Agricultural land/ livestock/	Rent tax credits are applicable for fir \$6 million for the taxable years beginning after December 31, 2020	tax credit for the cost of the financial management program equipment dealers/ livestock altural assets for profit. r farming st 3 years \$10 million
Limitations Applicable Agricultural Assets Lease Term Tax Credit Limit Tax Credit Program Cap Transferability	eligible for a nonrefundable Minnesota tax credit equal to their FBM tuition paid up to a maximum of \$1,500 Agreement may not be with dealers/comparable entities e Agricultural land/ livestock/	close relatives. Asset owners cannot be engaged in the business of selling agricular facilities/ buildings/ machinery used for facilities/ buildings/ machinery used for firm \$6 million for the taxable years beginning after December 31, 2020	tax credit for the cost of the financial management program equipment dealers/ livestock altural assets for profit. r farming st 3 years \$10 million 7 years for asset owners and 3
Limitations Applicable Agricultural Assets Lease Term Tax Credit Limit Tax Credit Program Cap Transferability Refundability	eligible for a nonrefundable Minnesota tax credit equal to their FBM tuition paid up to a maximum of \$1,500 Agreement may not be with dealers/comparable entities e Agricultural land/ livestock/	Rent tax credits are applicable for fir \$6 million for the taxable years beginning after December 31, 2020	tax credit for the cost of the financial management program equipment dealers/ livestock altural assets for profit. r farming st 3 years \$10 million