# **SECOND QUARTER 2022**

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## CERTIFICATION

The undersigned certify that we have reviewed the June 30, 2022 quarterly report of River Valley AgCredit, ACA, that the report has been prepared under the oversight of the Audit Committee of the Board of Directors and in accordance with all applicable statutory or regulatory requirements, and that the information contained herein is true, accurate, and complete to the best of our knowledge and belief.

/s/ Kyle M. Yancey Chief Executive Officer of River Valley AgCredit, ACA

/s/ David L. Richesin Chairman of the Board of River Valley AgCredit, ACA

/s/ Beth Barkley Chief Financial Officer of River Valley AgCredit, ACA

/s/ Tiffany Myers Member of the Board of Directors Chair of the Audit Committee of River Valley AgCredit, ACA

August 8, 2022

# Report on Internal Control Over Financial Reporting

The Association's principal executives and principal financial officers, or persons performing similar functions, are responsible for establishing and maintaining adequate internal control over financial reporting for the Association's Consolidated Financial Statements. For purposes of this report, "internal control over financial reporting" is defined as a process designed by, or under the supervision of the Association's principal executives and principal financial officers, or persons performing similar functions, and effected by its Board of Directors, management and other personnel. This process provides reasonable assurance regarding the reliability of financial reporting information and the preparation of the Consolidated Financial Statements for external purposes in accordance with accounting principles generally accepted in the United States of America.

Internal control over financial reporting includes those policies and procedures that: (1) pertain to the maintenance of records that in reasonable detail accurately and fairly reflect the transactions and dispositions of the assets of the Association, (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial information in accordance with accounting principles generally accepted in the United States of America, and that receipts and expenditures are being made only in accordance with authorizations of management and directors of the Association, and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use or disposition of the Association's assets that could have a material effect on its Consolidated Financial Statements.

The Association's management has completed an assessment of the effectiveness of internal control over financial reporting as of June 30, 2022. In making the assessment, management used the framework in *Internal Control — Integrated Framework (2013)*, promulgated by the Committee of Sponsoring Organizations of the Treadway Commission, commonly referred to as the "COSO" criteria.

Based on the assessment performed, the Association's management concluded that as of June 30, 2022, the internal control over financial reporting was effective based upon the COSO criteria. Additionally, based on this assessment, the Association's management determined that there were no material weaknesses in the internal control over financial reporting as of June 30, 2022.

/s/ Kyle M. Yancey Chief Executive Officer of River Valley AgCredit, ACA

/s/ Beth Barkley Chief Financial Officer of River Valley AgCredit, ACA

August 8, 2022

# Management's Discussion and Analysis of Financial Condition and Results of Operations

## FINANCIAL CONDITION

(dollars in thousands)

The following commentary reviews the financial condition and results of operations of River Valley AgCredit, ACA (Association) for the period ended June 30, 2022. These comments should be read in conjunction with the accompanying consolidated financial statements, notes to the consolidated financial statements, and the 2021 Annual Report. The accompanying consolidated financial statements were prepared under the oversight of the Audit Committee of the Board of Directors.

## **FUTURE OF LIBOR**

The Association has exposure to LIBOR arising from loans made to customers, Systemwide Debt Securities issued by the Funding Corporation on the Bank's behalf, and preferred stock issued by the Bank.

The FCA has issued guidelines with similar guidance as the U.S. prudential regulators but applicable for System institutions to follow as they prepare for the expected phase-out of LIBOR. The guidelines direct each System institution to develop a LIBOR transition plan designed to provide an orderly roadmap of actions that will reduce LIBOR exposure, stop the inflow of new LIBOR volume, and adjust operating processes to implement alternative reference rates.

The Association has implemented LIBOR transition plans and continues to analyze potential risks associated with the LIBOR transition, including, but not limited to, financial, market, accounting, operational, legal, tax, reputational, and compliance risks. See the Association's 2021 Annual Report for further discussion on the LIBOR transition.

The following is a summary of outstanding variable-rate financial instruments tied to LIBOR at June 30, 2022:

(dollars in thousands)	Due in 2022	Due in 2023 (On or Before June 30)	Due after June 30, 2023	Total
Loans	\$ 0.00	\$ 0.00	\$ 5,958.8	\$ 5,958.8
Total	\$ 0.00	\$ 0.00	\$ 5,958.8	\$ 5,958.8
Direct Note	\$ 0.00	\$ 0.00	\$ 4,664.0	4,664.0
Difference	\$ 0.00	\$ 0.00	\$ 4,664.0	\$ 4,664.0

The LIBOR transition plan includes implementing fallback language into variable-rate financial instruments maturing after June 30, 2023 which provides the ability to move these instruments to another index if the LIBOR market is no longer viable. At June 30, 2022, 0 percent of total loans maturing after June 30, 2023 do not contain fallback provisions.

## LOAN PORTFOLIO

The Association provides funds to farmers, rural homeowners and farm-related businesses for financing of short and intermediate-term loans and long-term real estate mortgage loans. The Association's loan portfolio is diversified over a range of agricultural commodities including corn, soybeans, poultry, and tobacco. Farm size varies and many of the borrowers in the region have diversified farming operations. This factor, along with the numerous opportunities for non-farm income in the area, somewhat reduces the level of dependency on any single commodity.

The gross loan volume of the Association as of June 30, 2022, was \$542,199 as compared to \$549,712 at December 31, 2021, a decrease of \$7,513. Net loans outstanding at June 30, 2022, were \$535,303 as compared to \$542,786 at December 31, 2021. Net loans accounted for 96.45 percent of total assets at June 30, 2022, as compared to 95.03 percent of total assets at December 31, 2021. The decrease in gross and net loan volume during the reporting period is primarily attributable to improving ag economy and working capital of our members.

There is an inherent risk in the extension of any type of credit. Portfolio credit quality continues to be maintained at an acceptable level and credit administration remains satisfactory. Nonaccrual loans decreased from \$7,270 at December 31, 2021, to \$6,188 at June 30, 2022. This decrease is primarily the result of normal nonaccrual collections.

Other property owned (OPO) consists primarily of assets once held as loan collateral that were acquired through foreclosure or deeded to the Association (or a lender group) in satisfaction of secured loans. Traditionally, OPO is primarily in the form of real estate. However, it can also include equipment and equity interests in companies or partnerships. The Association held \$0 in OPO as of June 30, 2022, which was no change from December 31, 2021.

Association management maintains an allowance for loan losses in an amount considered sufficient to absorb possible losses in the loan portfolio based on current and expected future conditions. The allowance for loan losses at June 30, 2022, was \$6,896 compared to \$6,926 at December 31, 2021, and was considered by management to be adequate to cover probable losses.

#### RESULTS OF OPERATIONS

#### For the three months ended June 30, 2022

Net income for the three months ended June 30, 2022, totaled \$1,684 as compared to \$2,175 for the same period in 2021, a decrease of \$491. Net interest income decreased \$216 for the three months ended June 30, 2022, as compared to the same period in 2021. This decrease is attributed primarily to the decrease in gross and net loan volume.

Noninterest income for the three months ended June 30, 2022, totaled \$988 as compared to \$1,384 for the same period in 2021, a decrease of \$396. This is attributed to decreases of \$163 in fee income and \$47 in patronage refunds from other farm credit institutions. These were offset by increases of \$230 in losses on sales of premises and equipment, \$42 in gains on sale of rural home loans in Farm Credit System, \$1 in financially related services, and \$1 in other noninterest income.

Noninterest expense for the three months ended June 30, 2022, totaled \$2,914 as compared to \$2,863 for the same period in 2021, an increase of \$51. This increase in expense is attributed to a \$74 increase in insurance premiums, \$18 increase in occupancy and equipment, \$14 increase in salary and employee benefits and \$9 increase in other operating expenses. These were offset by a \$42 decrease in purchased services, \$15 decrease in losses on OPO, and a \$7 decrease in data processing.

### For the six months ended June 30, 2022

Net income for the six months ended June 30, 2022, totaled \$3,936, as compared to \$4,450 for the same period in 2021. Net interest income increased \$126 for the six months ended June 30, 2022, as compared to the same period in 2021. This increase in net interest income is attributed primarily the current rate environment. Nonaccrual income was \$493 for the six months ended June 30, 2022, as compared to \$316 for the same period in 2021. This increase is mainly the result of normal nonaccrual loan collections.

Noninterest income for the six months ended June 30, 2022, totaled \$2,158, as compared to \$2,827 for the same period of 2021, a decrease of \$669. The decrease is the result of a decrease of \$495 in loan fees, \$11 in financially related service fees and \$5 in patronage refund. These were offset by an increase of \$230 in losses on sales of premises and equipment, as well as increases of \$71 in gains on sale of rural home loans and \$1 in other noninterest income.

Noninterest expense for the six months ended June 30, 2022, increased \$103 compared to the same period of 2021. The

primary reason for the increase is an increase in other operating expenses of \$150, an increase of \$75 in insurance fund premiums, an increase in salaries and employee benefits of \$45, and an increase of \$10 in occupancy and equipment. These were offset by a decrease of \$159 in purchased services, a decrease of \$12 in losses on other property owned and a \$6 decrease in data processing.

For the six months ending June 30, 2022, the Association recorded \$361 of insurance premiums as compared to \$286 in 2021, from the Farm Credit System Insurance Corporation (FCSIC), which insures the System's debt obligations. The amount is reflected in Noninterest Expenses on the Consolidated Statements of Income.

The Association recorded a reversal of provision for loan losses of \$84 for the six months ended June 30, 2022, as compared to a provision of \$17 for the same period in 2021. The provision for loan loss is attributed to the change in allowance for the quarter.

## **FUNDING SOURCES**

The principal source of funds for the Association is the borrowing relationship established with AgFirst Farm Credit Bank (the Bank) through a General Financing Agreement. The General Financing Agreement utilizes the Association's credit and fiscal performance as criteria for establishing a line of credit on which the Association may draw funds. The Bank advances funds to the Association in the form of notes payable. The notes payable are segmented into variable rate and fixed rate sections. The variable rate note is utilized by the Association to fund variable rate loan advances and operating funds requirements. The fixed rate note is used specifically to fund fixed rate loan advances made by the Association. The total notes payable to the Bank at June 30, 2022, was \$427,142 compared to \$443,283 at December 31, 2021.

## **CAPITAL RESOURCES**

Total members' equity at June 30, 2022, increased to \$112,864 from the December 31, 2021, total of \$109,194. The increase is primarily attributed to earnings retained. Total capital stock and participation certificates were \$4,874 on June 30, 2022, compared to \$4,831 on December 31, 2021.

FCA sets minimum regulatory capital requirements for System banks and associations. Capital adequacy is evaluated using a number of regulatory ratios. According to the FCA regulations, each institution's permanent capital ratio is calculated by dividing permanent capital by a risk adjusted asset base. Risk adjusted assets are the total dollar amount of the institution's assets adjusted by an appropriate credit conversion factor as defined by regulation. For all periods represented, the Association exceeded minimum regulatory standards for all the ratios.

The following sets forth the regulatory capital ratios, which were effective January 1, 2017:

Ratio	Minimum Requirement	Capital Conservation Buffer*	Minimum Requirement with Capital Conservation Buffer	Capital Ratios as of June 30, 2022
Risk-adjusted ratios:				
CET1 Capital	4.5%	2.500%	7.00%	19.21%
Tier 1 Capital	6.0%	2.500%	8.50%	19.21%
Total Capital	8.0%	2.500%	10.50%	20.75%
Permanent Capital Ratio	7.0%	0.0%	7.0%	20.00%
Non-risk-adjusted:				
Tier 1 Leverage Ratio	4.0%	1.0%	5.0%	19.02%
UREE Leverage Ratio	1.5%	0.0%	1.5%	18.66%

<sup>\* -</sup> The capital conservation buffers had a 3 year phase-in period and became fully effective January 1, 2020.

If the capital ratios fall below the minimum regulatory requirements, including the buffer amounts, capital distributions (equity redemptions, dividends, and patronage) and discretionary senior executive bonuses are restricted or prohibited without prior FCA approval.

#### REGULATORY MATTERS

On April 14, 2022, the FCA approved a final rule that amends certain regulations to address changes in accounting principles generally accepted in the United States. Such changes reflect the Current Expected Credit Losses (CECL) methodology that will replace the incurred loss methodology upon adoption. Credit loss allowances related to loans, lessor's net investments in leases, and held-to-maturity debt securities would be included in a System institution's Tier 2 capital up to 1.25 percent of the System institution's total risk weighted assets. Credit loss allowances for available-for-sale debt securities and purchased credit impaired assets would not be eligible for inclusion in a System institution's Tier 2 capital. The regulation does not include a transition phase-in period for the CECL day 1 cumulative effect adjustment to retained earnings on a

System institution's regulatory capital ratios. In addition, the regulation does not include an exclusion for the CECL day 1 cumulative effective adjustment from the "safe harbor" deemed prior approval provision. The final rule is effective on January 1, 2023.

On August 26, 2021, the FCA issued a proposed rule to revise its regulatory capital requirements to define and establish risk-weightings for High Volatility Commercial Real Estate (HVCRE) by assigning a 150 percent risk-weighting to such exposures, instead of the current 100 percent. The proposed rule would ensure that the FCA's rule remains comparable with the capital rule of other federal banking regulatory agencies and recognizes the increased risk posed by HVCRE exposures. The public comment period ended on January 24, 2022.

## RECENTLY ISSUED ACCOUNTING PRONOUNCEMENTS

Please refer to Note 1, Organization, Significant Accounting Policies, and Recently Issued Accounting Pronouncements, in the Notes to the Financial Statements, and the 2021 Annual Report to Shareholders for recently adopted accounting pronouncements. Additional information on new and pending Updates is provided in the following table.

The following ASUs were issued by the Financial Accounting Standards Board (FASB):

Summary of Guidance	Adoption and Potential Financial Statement Impact
ASU 2016-13 – Financial Instruments – Credit Losses (Topi	c 326): Measurement of Credit Losses on Financial Instruments
<ul> <li>Replaces multiple existing impairment standards by establishing a single framework for financial assets to reflect management's estimate of current expected credit losses (CECL) over the entire remaining life of the financial assets.</li> <li>Changes the present incurred loss impairment guidance for loans to an expected loss model.</li> <li>Modifies the other-than-temporary impairment model for debt securities to require an allowance for credit impairment instead of a direct write-down, which allows for reversal of credit impairments in future periods based on improvements in credit quality.</li> <li>Eliminates existing guidance for purchased credit impaired (PCI) loans, and requires recognition of an allowance for expected credit losses on these financial assets.</li> <li>Requires a cumulative-effect adjustment to retained earnings as of the beginning of the reporting period of adoption.</li> <li>Effective for fiscal years beginning after December 15, 2022, and interim periods within those fiscal years. Early application is permitted.</li> </ul>	Farm Credit System. The implementation includes identification of key interpretive issues, scoping of financial instruments, and assessing existing credit loss forecasting models and processes against the new guidance.  • The new guidance is expected to result in a change in allowance for credit
ASU 2022-02 Financial Instruments—Credit Losses (To This Update responds to feedback received during the Post Implementation Review process conducted by the FASB related to Topic 326. Troubled Debt Restructurings (TDRs) by Creditors  The amendments eliminate the accounting guidance for TDRs by creditors in Subtopic 310-40, Receivables—Troubled Debt Restructurings by Creditors, while enhancing disclosure requirements for certain loan refinancings and restructurings by creditors when a borrower is experiencing financial difficulty. Specifically, rather than applying the recognition and measurement guidance for TDRs, an entity must apply the loan refinancing and restructuring guidance in paragraphs 310-20-35-9 through 35-11 to determine whether a modification results in a new loan or a continuation of an existing loan. Vintage Disclosures—Gross Writeoffs  For public business entities, the amendments in this Update require that an entity disclose current period gross writeoffs by year of origination for financing receivables and net investments in leases within the scope of Subtopic 326-20, Financial Instruments—Credit Losses—Measured at Amortized Cost.	

**NOTE**: Shareholder investment in the Association is materially affected by the financial condition and results of operations of AgFirst Farm Credit Bank. Copies of AgFirst's annual and quarterly reports are available upon request free of charge by calling 1-800-845-1745, ext. 2764, or writing Matthew Miller, AgFirst Farm Credit Bank, P.O. Box 1499, Columbia, SC 29202. Information concerning AgFirst Farm Credit Bank can also be obtained at their website, *www.agfirst.com*. Copies of the Association's annual and quarterly reports are also available upon request free of charge by calling (270) 554-2912, ext. 2020, writing Beth Barkley, Chief Financial Officer, River Valley AgCredit, ACA, 2731 Olivet Church Road, Paducah, KY 42001, or accessing the website, *www.rivervalleyagcredit.com*. The Association prepares a quarterly report within 40 days after the end of each fiscal quarter, except that no report need be prepared for the fiscal quarter that coincides with the end of the fiscal year of the institution.

# **Consolidated Balance Sheets**

(dollars in thousands)	June 30, 2022	De	ecember 31, 2021
	(unaudited)		(audited)
Assets			
Cash	\$ 358	\$	1,969
Loans	542,199		549,712
Allowance for loan losses	(6,896)		(6,926)
Net loans	535,303		542,786
Accrued interest receivable	5,589		5,280
Equity investments in other Farm Credit institutions	5,399		5,379
Premises and equipment, net	6,607		6,016
Accounts receivable	1,533		9,481
Other assets	203		240
Total assets	\$ 554,992	\$	571,151
Liabilities			
Notes payable to AgFirst Farm Credit Bank	\$ 427,142	\$	443,283
Accrued interest payable	880		812
Patronage refunds payable	782		6,391
Accounts payable	762		726
Advanced conditional payments	9,487		4,068
Other liabilities	3,075		6,677
Total liabilities	442,128		461,957
Commitments and contingencies (Note 7)			
Members' Equity			
Capital stock and participation certificates	4,874		4,831
Additional paid-in-capital	15,817		15,817
Retained earnings			
Allocated	51,295		49,474
Unallocated	40,878		39,072
Total members' equity	112,864		109,194
Total liabilities and members' equity	\$ 554,992	\$	571,151

 $\label{thm:companying} \textit{The accompanying notes are an integral part of these consolidated financial statements}.$ 

# **Consolidated Statements of Comprehensive Income**

(unaudited)

	]	For the Th Ended		For the Six Months Ended June 30,					
(dollars in thousands)		2022	2021	2022			2021		
Interest Income									
Loans	\$	6,090	\$ 6,149	\$	12,502	\$	12,266		
Other		2	2		4		11		
Total interest income		6,092	6,151		12,506		12,277		
Interest Expense									
Notes payable to AgFirst Farm Credit Bank		2,486	2,341		4,800		4,714		
Other		34	22		60		43		
Total interest expense		2,520	2,363		4,860		4,757		
Net interest income		3,572	3,788		7,646		7,520		
Provision for (reversal of) allowance for loan losses		(38)	102		(84)		17		
Net interest income after provision for (reversal of) allowance for									
loan losses		3,610	3,686		7,730		7,503		
Noninterest Income									
Loan fees		200	363		347		842		
Fees for financially related services		12	11		30		41		
Patronage refunds from other Farm Credit institutions		800	847		1,665		1,670		
Gains (losses) on sales of rural home loans, net		146	104		285		214		
Gains (losses) on sales of premises and equipment, net Other noninterest income		(171) 1	59		(171) 2		59 1		
Total noninterest income		988	1,384		2,158		2,827		
Noninterest Expense		• • •	• 0.45				4.4.0		
Salaries and employee benefits		2,060	2,046		4,165		4,120		
Occupancy and equipment		137	119		288		278		
Insurance Fund premiums		216	142		361		286		
Purchased services		71 50	113 57		175 105		334 111		
Data processing Other energing expenses		380	371		885		735		
Other operating expenses (Gains) losses on other property owned, net			15		003 1		13		
Total noninterest expense		2,914	2,863		5,980		5,877		
Income before income taxes		1,684	2,207		3,908		4,453		
Provision (benefit) for income taxes		<u> </u>	32		(28)		3		
Net income	\$	1,684	\$ 2,175	\$	3,936	\$	4,450		
Other comprehensive income									
Comprehensive income	\$	1,684	\$ 2,175	\$	3,936	\$	4,450		

The accompanying notes are an integral part of these consolidated financial statements.

# Consolidated Statements of Changes in Members' Equity

(unaudited)

	St	Capital ock and	1100	Retained Earnings					Total	
(dollars in thousands)		Participation Certificates		Additional Paid-in-Capital		llocated	Unallocated		Members' Equity	
Balance at December 31, 2020 Comprehensive income Capital stock/participation	\$	4,726	\$	15,817	\$	46,708	\$	36,656 4,450	\$	103,907 4,450
certificates issued/(retired), net Patronage distribution adjustment		95				1,520		(1,552)		95 (32)
Balance at June 30, 2021	\$	4,821	\$	15,817	\$	48,228	\$	39,554	\$	108,420
Balance at December 31, 2021 Comprehensive income Capital stock/participation	\$	4,831	\$	15,817	\$	49,474	\$	39,072 3,936	\$	109,194 3,936
certificates issued/(retired), net Patronage distribution adjustment		43				1,821		(2,130)		43 (309)
Balance at June 30, 2022	\$	4,874	\$	15,817	\$	51,295	\$	40,878	\$	112,864

## Notes to the Consolidated Financial Statements

(dollars in thousands, except as noted)
(unaudited)

## Note 1 — Organization, Significant Accounting Policies, and Recently Issued Accounting Pronouncements

## **Organization**

The accompanying financial statements include the accounts of River Valley AgCredit, ACA and its Production Credit Association (PCA) and Federal Land Credit Association (FLCA) subsidiaries (collectively, the Association). A description of the organization and operations, the significant accounting policies followed, and the financial condition and results of operations for the Association as of and for the year ended December 31, 2021, are contained in the 2021 Annual Report to Shareholders. These unaudited interim consolidated financial statements should be read in conjunction with the latest Annual Report to Shareholders.

## Basis of Presentation

In the opinion of management, the accompanying consolidated financial statements contain all adjustments necessary for a fair statement of results for the periods presented. These adjustments are of a normal recurring nature, unless otherwise disclosed.

Certain amounts in the prior period's consolidated financial statements have been reclassified to conform to the current period presentation. Such reclassifications had no effect on the prior period net income or total capital as previously reported.

The results of any interim period are not necessarily indicative of those to be expected for a full year.

## Significant Accounting Policies

The Association's accounting and reporting policies conform with U.S. generally accepted accounting principles (GAAP) and practices in the financial services industry. To prepare the financial statements in conformity with GAAP, management must make estimates based on assumptions about future economic and market conditions (for example, unemployment, market liquidity, real estate prices, etc.) that affect the reported amounts of assets and liabilities at the date of the financial statements, income and expenses during the reporting period, and the related disclosures. Although these estimates contemplate current conditions and expectations of change in the future, it is reasonably possible that actual conditions may be different than anticipated, which could materially affect results of operations and financial condition.

Management has made significant estimates in several areas, including loans and allowance for loan losses (Note 2, *Loans and Allowance for Loan Losses*), investment securities and other-than-temporary impairment (Note 3, *Investments*), and financial instruments (Note 5, *Fair Value Measurement*). Actual results could differ from those estimates.

For further details of significant accounting policies, see Note 2, *Summary of Significant Accounting Policies*, from the latest Annual Report.

## Accounting Standards Effective During the Period

There were no changes in the accounting principles applied from the latest Annual Report.

#### Note 2 — Loans and Allowance for Loan Losses

The Association maintains an allowance for loan losses at a level considered adequate by management to provide for probable and estimable losses inherent in the loan portfolio as of the report date. The allowance for loan losses is increased through provisions for loan losses and loan recoveries and is decreased through loan charge-offs and allowance reversals. A review of individual loans in each respective portfolio is performed periodically to determine the appropriateness of risk ratings and to ensure loss exposure to the Association has been identified. See Note 3, *Loans and Allowance for Loan Losses*, from the latest Annual Report for further discussion.

Credit risk arises from the potential inability of an obligor to meet its repayment obligation. The Association manages credit risk associated with lending activities through an assessment of the credit risk profile of an individual obligor. The Association sets its own underwriting standards and lending policies that provide direction to loan officers and are approved by the board of directors.

A summary of loans outstanding at period end follows:

	 June 30, 2022	December 31, 2021
Real estate mortgage	\$ 306,922	\$ 298,877
Production and intermediate-term	159,104	188,057
Loans to cooperatives	675	679
Processing and marketing	13,076	4,189
Farm-related business	20,466	13,863
Communication	1,995	=
Rural residential real estate	20,632	20,142
Other (including Mission Related)	 19,329	23,905
Total loans	\$ 542,199	\$ 549,712

A substantial portion of the Association's lending activities is collateralized, and exposure to credit loss associated with lending activities is reduced accordingly.

The Association may purchase or sell participation interests with other parties in order to diversify risk, manage loan volume, and comply with Farm Credit Administration (FCA) regulations. The following tables present the principal balance of participation loans at periods ended:

Real estate mortgage Production and intermediate-term Loans to cooperatives Processing and marketing Communication Other (including Mission Related) Total

							June 30	, 2022	2						
1	Within AgF	irst Di	istrict	Within Farm Credit System					ıtside Farm	Cred	lit System	Total			
	rticipations Participations Purchased Sold			cipations chased		Participations Sold		Participations Purchased		rticipations Sold	Participations Purchased			icipations Sold	
\$	2,214	\$	4,486	\$	_	\$	_	\$	-	\$	3,410	\$	2,214	\$	7,896
	3,285		(2)		261		_		_		2,256		3,546		2,254
	677		_		_		_		_		_		677		-
	5,001		_		_		_		_		_		5,001		_
	2,000		_		_		_		_		_		2,000		_
	_		_		_		_		18,877		-		18,877		-
\$	13,177	\$	4,484	\$	261	\$	_	\$	18,877	\$	5,666	\$	32,315	\$	10,150

Real estate mortgage Production and intermediate-term Loans to cooperatives Processing and marketing Other (including Mission Related)

Total

							December	31, 2	021						
1	Vithin AgF	istrict	Wi	thin Farm	Credi	it System	Outside Farm Credit System					Total			
Participations I Purchased				Participations Purchased			rticipations Sold	Participations Purchased		Participations Sold			ticipations ırchased	Participations Sold	
\$	2,614 4,006	\$	4,486 (2)	\$	- 284	\$	-	\$	-	\$	3,409 2,522	\$	2,614 4,290	\$	7,895 2,520
	680		-		-		_		_		2,322		680		
	3,230		8,442		_		_		23,100		_		3,230 23,100		8,442
\$	10,530	\$	12,926	\$	284	\$	_	\$	23,100	\$	5,931	\$	33,914	\$	18,857

The recorded investment in a receivable is the face amount increased or decreased by applicable accrued interest, unamortized premium, discount, finance charges, or acquisition costs and may also reflect a previous direct write-down of the investment.

The following table shows the recorded investment of loans, classified under the FCA Uniform Loan Classification System, as a percentage of the recorded investment of total loans by loan type as of:

	June 30, 2022	December 31, 2021		June 30, 2022	December 31, 2021
Real estate mortgage:			Farm-related business:		
Acceptable	95.64%	93.38%	Acceptable	89.45%	83.70%
OAEM	2.96	4.94	OAEM	4.77	7.12
Substandard/doubtful/loss	1.40	1.68	Substandard/doubtful/loss	5.78	9.18
	100.00%	100.00%		100.00%	100.00%
Production and intermediate-term:			Communication:		
Acceptable	93.67%	92.49%	Acceptable	100.00%	-%
OAEM	1.80	3.76	OAEM	_	_
Substandard/doubtful/loss	4.53	3.75	Substandard/doubtful/loss	_	_
	100.00%	100.00%		100.00%	-%
Loans to cooperatives:			Rural residential real estate:		
Acceptable	100.00%	100.00%	Acceptable	98.42%	98.54%
OAEM	_	_	OAEM	1.02	1.04
Substandard/doubtful/loss		<u> </u>	Substandard/doubtful/loss	0.56	0.42
	100.00%	100.00%		100.00%	100.00%
Processing and marketing:			Other (including Mission Related):		
Acceptable	97.14%	90.21%	Acceptable	100.00%	100.00%
OAEM	2.86	_	OAEM	_	=
Substandard/doubtful/loss		9.79	Substandard/doubtful/loss	_	_
	100.00%	100.00%		100.00%	100.00%
			Total loans:		
			Acceptable	95.14%	93.29%
			OAEM	2.49	4.19
			Substandard/doubtful/loss	2.37	2.52
				100.00%	100.00%

The following tables provide an aging analysis of the recorded investment of past due loans as of:

					Jun	e 30, 2022					
	30 Through 89 Days Past Due			Days or More Past Due	Т	otal Past Due	Le	Past Due or ss Than 30 ys Past Due	Total Loans		
Real estate mortgage	\$	487	\$	1,429	\$	1,916	\$	307,931	\$	309,847	
Production and intermediate-term		423		2,988		3,411		157,606		161,017	
Loans to cooperatives		_		_		_		676		676	
Processing and marketing		-		-		_		13,088		13,088	
Farm-related business		90		982		1,072		19,786		20,858	
Communication		_		_		_		1,995		1,995	
Rural residential real estate		360		_		360		20,362		20,722	
Other (including Mission Related)		-		1,469		1,469		18,116		19,585	
Total	\$	1,360	\$	6,868	\$	8,228	\$	539,560	\$	547,788	

					ecem	ber 31, 2021					
	30 Through 89 Days Past Due			Days or More Past Due	Т	otal Past Due	Les	Past Due or ss Than 30 ys Past Due	Total Loans		
Real estate mortgage	\$	1,034	\$	1,982	\$	3,016	\$	298,415	\$	301,431	
Production and intermediate-term		737		2,999		3,736		186,566		190,302	
Loans to cooperatives		_		_		-		679		679	
Processing and marketing		_		_		-		4,193		4,193	
Farm-related business		_		982		982		13,076		14,058	
Rural residential real estate		89		_		89		20,112		20,201	
Other (including Mission Related)		1,144		458		1,602		22,526		24,128	
Total	\$	3,004	\$	6,421	\$	9,425	\$	545,567	\$	554,992	

Nonperforming assets (including related accrued interest as applicable) and related credit quality statistics at period end were as follows:

	Jun	e 30, 2022	December 31, 2021		
Nonaccrual loans:					
Real estate mortgage	\$	1,745	\$	2,268	
Production and intermediate-term		3,324		3,830	
Farm-related business		1,116		1,168	
Rural residential real estate		3		4	
Total	\$	6,188	\$	7,270	
Accruing restructured loans:					
Real estate mortgage	\$	3,759	\$	3,828	
Production and intermediate-term				173	
Rural residential real estate		8		10	
Total	\$	3,767	\$	4,011	
Accruing loans 90 days or more past due:					
Other (including Mission Related)	\$	1,469	\$	458	
Total	\$	1,469	\$	458	
Total nonperforming loans Other property owned	\$	11,424	\$	11,739	
Total nonperforming assets	\$	11,424	\$	11,739	
Nonaccrual loans as a percentage of total loans Nonperforming assets as a percentage of total loans		1.14%		1.32%	
and other property owned		2.11%		2.14%	
Nonperforming assets as a percentage of capital		10.12%		10.75%	

The following table presents information related to the recorded investment of impaired loans at period end. Impaired loans are loans for which it is probable that all principal and interest will not be collected according to the contractual terms of the loan.

	June 30, 2022	Dec	cember 31, 2021
Impaired nonaccrual loans:			
Current as to principal and interest	\$ 547	\$	704
Past due	5,641		6,566
Total	\$ 6,188	\$	7,270
Impaired accrual loans:			
Restructured	\$ 3,767	\$	4,011
90 days or more past due	1,469		458
Total	\$ 5,236	\$	4,469
Total impaired loans	\$ 11,424	\$	11,739
Additional commitments to lend	\$ _	\$	83

The following tables present additional impaired loan information at period end. Unpaid principal balance represents the contractual principal balance of the loan.

			Jun	e 30, 2022			Th	ree Months E	nded J	une 30, 2022	Six	Months En	ded June	30, 2022
Impaired loans:	Recorded Pr		Unpaid Principal Related Balance Allowance			Average mpaired Loans	Re	rest Income cognized on aired Loans	Ir	Average npaired Loans	Interest Income Recognized on Impaired Loans			
With a related allowance for credi	t losse	s:												
Production and intermediate-term	\$	1,599	\$	1,644	\$	839	\$	1,655	\$	7	\$	1,670	\$	73
Total	\$	1,599	\$	1,644	\$	839	\$	1,655	\$	7	\$	1,670	\$	73
With no related allowance for cred	lit loss	es:												
Real estate mortgage	\$	5,504	\$	6,084	\$	_	\$	5,700	\$	22	\$	5,749	\$	251
Production and intermediate-term		1,725		2,137		_		1,787		7		1,802		79
Farm-related business		1,116		1,125		_		1,155		5		1,165		51
Rural residential real estate		11		12		_		12		_		12		_
Other (including Mission Related)		1,469		1,412		_		1,522		6		1,535		67
Total	\$	9,825	\$	10,770	\$	_	\$	10,176	\$	40	\$	10,263	\$	448
Total impaired loans:														
Real estate mortgage	\$	5,504	\$	6,084	\$	_	\$	5,700	\$	22	\$	5,749	\$	251
Production and intermediate-term		3,324		3,781		839		3,442		14		3,472		152
Farm-related business		1,116		1,125		_		1,155		5		1,165		51
Rural residential real estate		11		12		_		12		=		12		_
Other (including Mission Related)		1,469		1,412		_		1,522		6		1,535		67
Total	\$	11,424	\$	12,414	\$	839	\$	11,831	\$	47	\$	11,933	\$	521

		I	Decem	ber 31, 202	21	Year Ended December 31, 2021					
Impaired loans:	Recorded Investment					elated owance	In	verage npaired Loans	Interest Income Recognized on Impaired Loans		
With a related allowance for credit	t losses	:									
Production and intermediate-term	\$	2,105	\$	2,116	\$	869	\$	1,983	\$	68	
Total	\$	2,105	\$	2,116	\$	869	\$	1,983	\$	68	
With no related allowance for cred	lit losse	es:									
Real estate mortgage	\$	6,096	\$	6,694	\$	_	\$	5,743	\$	197	
Production and intermediate-term		1,898		2,300		_		1,789		61	
Farm-related business		1,168		1,168		_		1,100		38	
Rural residential real estate		14		14		-		14		_	
Other (including Mission Related)		458		437				432		15	
Total	\$	9,634	\$	10,613	\$	-	\$	9,078	\$	311	
Total impaired loans:											
Real estate mortgage	\$	6,096	\$	6,694	\$		\$	5,743	\$	197	
Production and intermediate-term		4,003		4,416		869		3,772		129	
Farm-related business		1,168		1,168		-		1,100		38	
Rural residential real estate		14		14				14		_	
Other (including Mission Related)		458		437				432		15	
Total	\$	11,739	\$	12,729	\$	869	\$	11,061	\$	379	

A summary of changes in the allowance for loan losses and recorded investment in loans for each reporting period follows:

Balance at March 31, 2022   \$ 2,876   \$ 3,629   \$ 2,5			eal Estate Jortgage		roduction and ermediate- term	Agı	ribusiness*	Co	ommunication		Rural Residential Real Estate	,	Other including Mission Related)		Total
Palance at March 31, 2022   \$2,876   \$ 3,629   \$ 245   \$ - \$ 140   \$ - \$ 6,000     Charge-offs	Activity related to the allowance	e for ci	redit losses:												
Carbon   C	· ·			\$	3 629	\$	245	\$	_	\$	140	\$	_	\$	6.890
Provision for loan losses   12   34		Ψ	,	Ψ		Ψ	243	Ψ	_	Ψ	140	Ψ	_	Ψ	,
Provision for loan losses   112   265	2														
Balance at June 30, 2022															
Balance at December 31, 2021		•		e		e	245	e		Ф	140	e.		e	
Charge-offs	Balance at June 30, 2022	ф	2,870	Þ	3,033	Ф	243	Þ		Ф	140	Ф		Ф	0,890
Charge-offs	Balance at December 31, 2021	S	2.876	\$	3 665	S	245	\$	_	\$	140	\$	_	S	6 926
Provision for loan losses	*	Ψ		Ψ		Ψ		Ψ.	_	Ψ		Ψ	_	Ψ	,
Provision for loan losses   (14   (70)	2						_		_						
Balance at June 30, 2022							_		_		_				
Balance at March 31,2021   \$ 3,032   \$ 3,436   \$ 408   \$ - \$ 130   \$ - \$ 7,006     Charge-offs   (3)   (192)   -     -     -       -       (195)     Recoveries   -   65   -       -                       Provision for loan losses   (51)   105   66                             Balance at June 30, 2021   \$ 2,978   \$ 3,414   \$ 474   \$                                 Balance at December 31, 2020   \$ 3,036   \$ 3,531   \$ 297   \$   -   \$ 129   \$   -   \$ 6,993     Charge-offs   (3)   (194)   -     -		•		¢		•	245	•		Φ.	140	¢		•	
Charge-offs   G	Balance at June 30, 2022	φ	2,070	Ф	3,033	Ą	243	Φ		φ	140	ф		φ	0,890
Charge-offs   G	Balance at March 31, 2021	\$	3.032	\$	3,436	\$	408	\$	_	\$	130	\$	_	\$	7,006
Recoveries	· · · · · · · · · · · · · · · · · · ·						_		_		_		_		,
Provision for loan losses   15   105   66   -   (18)   -   102   103   104	2				, ,		_		_		20		-		. ,
Balance at June 30, 2021  S 2,978 S 3,414 S 474 S - S 132 S - S 6,998  Balance at December 31, 2020 S 3,036 S 3,531 S 297 S - S 129 S - S 6,993  Charge-offS (3) (194) - S - S 23 S - S 197  Recoveries 12 150 S - S 23 S - S 185  Provision for loan losses (67) (73) 177 S - C 200 S - S 185  Balance at June 30, 2021 S 2,978 S 3,414 S 474 S S - S 132 S - S 6,998  Allowance on loans evaluated for impairment:  Individually S - S 839 S - S S S S S S S S S S S S S S S S S							66		_				-		
Balance at December 31, 2020   \$ 3,036   \$ 3,531   \$ 297   \$ - \$ 129   \$ - \$ 6,993		\$		\$		\$		\$	_	\$		\$	_	\$	
Charge-offs   (3)   (194)   -	Butunee at June 30, 2021	Ψ	2,770	Ψ	3,111	Ψ	.,,	Ψ		Ψ	132	Ψ		Ψ	0,220
Charge-offs   (3)	Balance at December 31, 2020	\$	3,036	\$	3,531	\$	297	\$	_	\$	129	\$	_	\$	6,993
Recoveries   12   150   -			(3)		(194)		_		_		_		_		(197)
Provision for loan losses Balance at June 30, 2021    Sample   Sam	2				, ,		_		_		23		_		. ,
Ralance at June 30, 2021   \$ 2,978   \$ 3,414   \$ 474   \$ -   \$ 132   \$ -   \$ 6,998	Provision for loan losses		(67)				177		_		(20)		-		
Allowance on loans evaluated for impairment:   Individually		\$		\$		\$		\$	_	\$		\$	_	\$	
Individually			,		- /		-				-				- /
Collectively PCI**         2,876         2,796         245         -         140         -         6,057           PCI**         -			airment:												
PCI** Balance at June 30, 2022  \$ 2,876 \$ 3,635 \$ 245 \$ - \$ 140 \$ - \$ 6,896  Individually \$ - \$ 869 \$ - \$ - \$ - \$ - \$ - \$ 869  Collectively 2,876 2,796 245 - 140 - 6,057  PCI** Balance at December 31, 2021 \$ 2,876 \$ 3,665 \$ 245 \$ - \$ 140 \$ - \$ 6,926  Recorded investment in loans evaluated for impairment:  Individually \$ 5,504 \$ 3,324 \$ 1,116 \$ - \$ 11 \$ 1,469 \$ 11,424  Collectively 304,343 157,693 33,506 1,995 20,711 18,116 536,364  PCI** PCI**	Individually	\$	_	\$	839	\$	_	\$	_	\$	_	\$	_	\$	839
Balance at June 30, 2022 \$ 2,876 \$ 3,635 \$ 245 \$ - \$ 140 \$ - \$ 6,896 \$ Individually \$ - \$ 869 \$ - \$ - \$ - \$ - \$ - \$ 869 \$ Collectively 2,876 2,796 245 - 140 - 6,057 \$ PCI**  Recorded investment in loans evaluated for impairment:  Individually \$ 5,504 \$ 3,324 \$ 1,116 \$ - \$ 11 \$ 1,469 \$ 11,424 \$ Collectively 304,343 157,693 33,506 1,995 20,711 18,116 536,364 \$ PCI**  Balance at June 30, 2022 \$ 309,847 \$ 161,017 \$ 34,622 \$ 1,995 \$ 20,722 \$ 19,585 \$ 547,788 \$ Individually \$ 6,096 \$ 4,003 \$ 1,168 \$ - \$ 14 \$ 458 \$ 11,739 \$ Collectively 295,335 186,299 17,762 - 20,187 23,670 543,253 \$ PCI**	Collectively		2,876		2,796		245		_		140		_		6,057
Individually	PCI**								_		_				
Collectively PCI**         2,876         2,796         245         —         140         —         6,057           PCI**         —         —         —         —         —         —         —         —         —         6,057           Balance at December 31, 2021         \$ 2,876         \$ 3,665         \$ 245         \$         —         \$ 140         \$         —         \$ 6,926           Recorded investment in loans evaluated for impairment:           Individually         \$ 5,504         \$ 3,324         \$ 1,116         \$         —         \$ 11         \$ 1,469         \$ 11,424           Collectively         304,343         157,693         33,506         1,995         20,711         18,116         536,364           PCI**         —         9,585         \$ 5	Balance at June 30, 2022	\$	2,876	\$	3,635	\$	245	\$	-	\$	140	\$	_	\$	6,896
Collectively PCI**         2,876         2,796         245         —         140         —         6,057           PCI**         —         —         —         —         —         —         —         —         —         6,057           Balance at December 31, 2021         \$ 2,876         \$ 3,665         \$ 245         \$         —         \$ 140         \$         —         \$ 6,926           Recorded investment in loans evaluated for impairment:           Individually         \$ 5,504         \$ 3,324         \$ 1,116         \$         —         \$ 11         \$ 1,469         \$ 11,424           Collectively         304,343         157,693         33,506         1,995         20,711         18,116         536,364           PCI**         —         9,585         \$ 5															
PCI** Balance at December 31, 2021 \$ 2,876 \$ 3,665 \$ 245 \$ - \$ 140 \$ - \$ 6,926  Recorded investment in loans evaluated for impairment: Individually \$ 5,504 \$ 3,324 \$ 1,116 \$ - \$ 11 \$ 1,469 \$ 11,424  Collectively 304,343 157,693 33,506 1,995 20,711 18,116 536,364  PCI** Balance at June 30, 2022 \$ 309,847 \$ 161,017 \$ 34,622 \$ 1,995 \$ 20,722 \$ 19,585 \$ 547,788  Individually \$ 6,096 \$ 4,003 \$ 1,168 \$ - \$ 14 \$ 458 \$ 11,739  Collectively 295,335 186,299 17,762 - 20,187 23,670 543,253  PCI**		\$		\$		\$		\$	_	\$		\$		\$	
Recorded investment in loans evaluated for impairment:         Individually         \$ 5,504         \$ 3,324         \$ 1,116         \$ -         \$ 11         \$ 1,469         \$ 11,424           Collectively         304,343         157,693         33,506         1,995         20,711         18,116         536,364           PCI**         -         -         -         -         -         -         -         -         -           Balance at June 30, 2022         \$ 309,847         \$ 161,017         \$ 34,622         \$ 1,995         \$ 20,722         \$ 19,585         \$ 547,788           Individually         \$ 6,096         \$ 4,003         \$ 1,168         -         \$ 14         \$ 458         \$ 11,739           Collectively         295,335         186,299         17,762         -         20,187         23,670         543,253           PCI**         -			2,876		2,796		245		_		140		_		6,057
Recorded investment in loans evaluated for impairment:           Individually         \$ 5,504         \$ 3,324         \$ 1,116         \$ -         \$ 11         \$ 1,469         \$ 11,424           Collectively         304,343         157,693         33,506         1,995         20,711         18,116         536,364           PCI**         -         <			=		_		_		_		=		=		
Individually	Balance at December 31, 2021	\$	2,876	\$	3,665	\$	245	\$		\$	140	\$	_	\$	6,926
Individually	Recorded investment in loans ex	valnate	d for impair	ment	•										
Collectively PCI**         304,343         157,693         33,506         1,995         20,711         18,116         536,364           PCI**         -			-			\$	1 116	\$	_	\$	11	\$	1 469	\$	11 424
PCI** Balance at June 30, 2022 \$ 309,847 \$ 161,017 \$ 34,622 \$ 1,995 \$ 20,722 \$ 19,585 \$ 547,788  Individually \$ 6,096 \$ 4,003 \$ 1,168 \$ - \$ 14 \$ 458 \$ 11,739  Collectively 295,335 186,299 17,762 - 20,187 23,670 543,253  PCI**	,	Ψ		Ψ		Ψ		Ψ	1 995	Ψ		Ψ		Ψ	
Balance at June 30, 2022 \$ 309,847 \$ 161,017 \$ 34,622 \$ 1,995 \$ 20,722 \$ 19,585 \$ 547,788  Individually \$ 6,096 \$ 4,003 \$ 1,168 \$ - \$ 14 \$ 458 \$ 11,739  Collectively 295,335 186,299 17,762 - 20,187 23,670 543,253  PCI**			304,343		157,075		33,300				20,711				330,304
Individually \$ 6,096 \$ 4,003 \$ 1,168 \$ - \$ 14 \$ 458 \$ 11,739 Collectively 295,335 186,299 17,762 - 20,187 23,670 543,253 PCI**			309 847	\$	161 017	S	34 622	\$		\$	20.722	\$		S	547 788
Collectively 295,335 186,299 17,762 – 20,187 23,670 543,253 PCI** – – – – – – – – – – – – –	2010 00, 2022		507,017	Ψ	101,017	Ψ	31,022	Ψ	1,,,,,	Ψ	20,722	Ψ	17,505	Ψ	517,700
PCI**	Individually	\$	6,096	\$	4,003	\$	1,168	\$	_	\$	14	\$	458	\$	11,739
	Collectively		295,335		186,299		17,762		-		20,187		23,670		543,253
Balance at December 31, 2021 \$ 301,431 \$ 190,302 \$ 18,930 \$ - \$ 20,201 \$ 24,128 \$ 554,992	PCI**												<u> </u>		
	Balance at December 31, 2021	\$	301,431	\$	190,302	\$	18,930	\$		\$	20,201	\$	24,128	\$	554,992

<sup>\*</sup>Includes the loan types: Loans to cooperatives, Processing and marketing, and Farm-related business.
\*\*Purchased credit impaired loans.

A restructuring of a debt constitutes a troubled debt restructuring (TDR) if the creditor for economic or legal reasons related to the debtor's financial difficulties grants a concession to the debtor that it would not otherwise consider. There were no new TDRS that occurred during the three and six month periods ended June 30, 2022 and 2021.

Interest concessions may include interest forgiveness and interest deferment. Principal concessions may include principal forgiveness, principal deferment, and maturity extension. Other concessions may include additional compensation received which might be in the form of cash or other assets.

There were no TDRs that occurred during the previous twelve months and for which there was a subsequent payment default during the periods presented. Payment default is defined as a payment that was thirty days or more past due.

The following table provides information at period end on outstanding loans restructured in troubled debt restructurings. These loans are included as impaired loans in the impaired loan table.

Real estate mortgage
Production and intermediate-term
Rural residential real estate
Total loans
Additional commitments to lend

	Tota	l TDRs			Nonacc	rual TDR	S
Jun	ne 30, 2022	Decen	ber 31, 2021	Jun	e 30, 2022	Decen	ber 31, 2021
\$	3,809	\$	4,046	\$	50	\$	218
	635		805		635		632
	8		10		-		_
\$	4,452	\$	4,861	\$	685	\$	850
\$	-	\$	83				

## Purchased Credit Impaired (PCI) Loans

For further discussion of the Association's accounting for PCI loans, see Note 2, *Summary of Significant Accounting Policies*, from the Association's most recent Annual Report. At June 30, 2022 and December 31, 2021, there was no remaining balance or allowance for loan losses included in the balance sheet for these loans which were acquired in a 2012 business combination.

## Note 3 — Investments

## Equity Investments in Other Farm Credit System Institutions

Equity investments in other Farm Credit System institutions are generally nonmarketable investments consisting of stock and participation certificates, allocated surplus, and reciprocal investments in other institutions regulated by the FCA. These investments are carried at cost and evaluated for impairment based on the ultimate recoverability of the par value rather than by recognizing temporary declines in value.

Associations are required to maintain ownership in AgFirst (AgFirst or the Bank) in the form of Class B or Class C stock as determined by the Bank. The Bank may require additional capital contributions to maintain its capital requirements. The Association owned 1.92 percent of the issued stock of the Bank as of June 30, 2022 net of any reciprocal investment. As of that date, the Bank's assets totaled \$40.4 billion and shareholders' equity totaled \$1.8 billion. The Bank's earnings were \$216 million for the first six months of 2022. In addition, the Association held investments of \$481 related to other Farm Credit institutions.

## Note 4 — Debt

## Notes Payable to AgFirst Farm Credit Bank

The Association's indebtedness to the Bank represents borrowings by the Association to fund its earning assets. This indebtedness is collateralized by a pledge of substantially all of the Association's assets. The contractual terms of the revolving line of credit are contained in the General Financing Agreement (GFA). The GFA also defines Association performance criteria for borrowing from the Bank, which includes borrowing base margin, earnings and capital covenants, among others.

### Note 5 — Fair Value Measurement

Fair value is defined as the exchange price that would be received for an asset or paid to transfer a liability in an orderly transaction between market participants in the principal or most advantageous market for the asset or liability.

Accounting guidance establishes a hierarchy for disclosure of fair value measurements to maximize the use of observable inputs, that is, inputs that reflect the assumptions market participants would use in pricing an asset or liability based on market data obtained from sources independent of the reporting entity. The hierarchy is based upon the transparency of inputs to the valuation of an asset or liability as of the measurement date. A financial instrument's categorization within the hierarchy tiers is based upon the lowest level of input that is significant to the fair value measurement.

The classifications of the Association's financial instruments within the fair value hierarchy are as follows:

Level 1 inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets.

Level 2 inputs include quoted prices for similar assets and liabilities in active markets; quoted prices in markets that are not active; and inputs that are observable, or can be corroborated, for substantially the full term of the asset or liability.

Level 3 inputs are unobservable and supported by little or no market activity. Valuation is determined using pricing models, discounted cash flow methodologies, or similar techniques, and could include significant management judgment or estimation. Level 3 assets and liabilities also could include instruments whose price has been adjusted based on dealer quoted pricing that is different than the third-party valuation or internal model pricing.

For a complete discussion of the inputs and other assumptions considered in assigning various assets and liabilities to the fair value hierarchy levels, see the latest Annual Report to Shareholders.

There were no Level 3 assets or liabilities measured at fair value on a recurring basis for the periods presented. The Association had no transfers of assets or liabilities into or out of Level 1 or Level 2 during the periods presented.

Fair values are estimated at each period end date for assets and liabilities measured at fair value on a recurring basis. Other Financial Instruments are not measured at fair value in the statement of financial position, but their fair values are estimated as of each period end date. The following tables summarize the carrying amounts of these assets and liabilities at period end, and their related fair values.

			Jun	ie 30, 2022		
	Total Carrying Amount	Level 1		Level 2	Level 3	Total Fair Value
Recurring Measurements						
Assets:						
Recurring Assets	\$ =	\$ _	\$	_	\$ 	\$ 
Liabilities:						
Recurring Liabilities	\$ _	\$ _	\$	_	\$ _	\$ _
Nonrecurring Measurements						
Assets:						
Impaired loans	\$ 760	\$ _	\$	_	\$ 760	\$ 760
Other property owned	_	-		_	_	_
Nonrecurring Assets	\$ 760	\$ _	\$	_	\$ 760	\$ 760
Other Financial Instruments						
Assets:						
Cash	\$ 358	\$ 358	\$	_	\$ _	\$ 358
Loans	534,543	_		_	503,046	503,046
Accrued interest receivable	5,589	-		5,589	_	5,589
Other Financial Assets	\$ 540,490	\$ 358	\$	5,589	\$ 503,046	\$ 508,993
Liabilities:						
Notes payable to AgFirst Farm Credit Bank	\$ 427,142	\$ -	\$	_	\$ 401,835	\$ 401,835
Accrued interest payable	880	_		880	,	880
Other Financial Liabilities	\$ 428,022	\$ -	\$	880	\$ 401,835	\$ 402,715

	December 31, 2021											
		Total Carrying Amount		Level 1		Level 2		Level 3		Total Fair Value		
Recurring Measurements												
Assets:												
Recurring Assets	\$	_	\$	_	\$	_	\$	_	\$			
Liabilities:												
Recurring Liabilities	\$	_	\$	_	\$	_	\$	_	\$			
Nonrecurring Measurements												
Assets:												
Impaired loans	\$	1,236	\$	_	\$	_	\$	1,236	\$	1,236		
Other property owned		-		_		_		_		_		
Nonrecurring Assets	\$	1,236	\$	-	\$	=	\$	1,236	\$	1,236		
Other Financial Instruments												
Assets:												
Cash	\$	1,969	\$	1,969	\$	_	\$	_	\$	1,969		
Loans		541,550		_		_		534,910		534,910		
Accrued interest receivable		5,280		_		5,280		_		5,280		
Other Financial Assets	\$	548,799	\$	1,969	\$	5,280	\$	534,910	\$	542,159		
Liabilities:												
Notes payable to AgFirst Farm Credit Bank	\$	443,283	\$	_	\$	_	\$	437,785	\$	437,785		
Accrued interest payable		812		_		812		-		812		
Other Financial Liabilities	\$	444,095	\$	_	\$	812	\$	437,785	\$	438,597		

### Uncertainty in Measurements of Fair Value

Discounted cash flow or similar modeling techniques are generally used to determine the recurring fair value measurements for Level 3 assets and liabilities. Use of these techniques requires determination of relevant inputs and assumptions, some of which represent significant unobservable inputs as indicated below. Accordingly, changes in these unobservable inputs may have a significant impact on fair value.

Certain of these unobservable inputs will (in isolation) have a directionally consistent impact on the fair value of the instrument for a given change in that input. Alternatively, the fair value of the instrument may move in an opposite direction for a given change in another input. Where multiple inputs are used within the valuation technique of an asset or liability, a change in one input in a certain direction may be offset by an opposite change in another input having a potentially muted impact to the overall fair value of that particular instrument. Additionally, a change in one unobservable input may result in a change to another unobservable input (that is, changes in certain inputs are interrelated with one another), which may counteract or magnify the fair value impact.

## Inputs to Valuation Techniques

Management determines the Association's valuation policies and procedures. The Bank performs the majority of the

Association's valuations, and its valuation processes are calibrated annually by an independent consultant. The fair value measurements are analyzed on a quarterly basis. For other valuations, documentation is obtained for third party information, such as pricing, and periodically evaluated alongside internal information and pricing that is available.

Quoted market prices are generally not available for the instruments presented below. Accordingly fair values are based on judgments regarding anticipated cash flows, future expected loss experience, current economic conditions, risk characteristics of various financial instruments, and other factors. These estimates involve uncertainties and matters of judgment, and therefore cannot be determined with precision. Changes in assumptions could significantly affect the estimates.

## Quantitative Information about Recurring and Nonrecurring Level 3 Fair Value Measurements

With regard to nonrecurring measurements for impaired loans and other property owned, it is not practicable to provide specific information on inputs as each collateral property is unique. System institutions utilize appraisals to value these loans and other property owned and take into account unobservable inputs such as income and expense, comparable sales, replacement cost and comparability adjustments.

Information about Other Financial Instrument Fair	Value Measurements
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	Valuation Technique(s)	Input
Cash	Carrying value	Par/principal and appropriate interest yield
Loans	Discounted cash flow	Prepayment forecasts
		Probability of default
		Loss severity
Accrued interest receivable	Carrying value	Par/principal
Notes payable to AgFirst Farm Credit Bank	Discounted cash flow	Prepayment forecasts
		Probability of default
		Loss severity
Accrued interest payable	Carrying value	Par/principal

## Note 6 — Employee Benefit Plans

The following is a table of retirement and other postretirement benefit expenses for the Association:

Pension
401(k)
Other postretirement benefits
Total

Tł	ree Mo Ju	nths ne 3		Six Months Ended June 30,			
	2022		2021		2022		2021
\$	157	\$	279	\$	351	\$	501
	104		97		207		200
	58		42		112		85
\$	319	\$	418	\$	670	\$	786

Expenses in the above table are computed using allocated estimates of funding for multi-employer plans in which the Association participates. These amounts may change when a total funding amount and allocation is determined by the respective Plan's Sponsor Committee. Also, market conditions could impact discount rates and return on plan assets which could change contributions necessary before the next plan measurement date of December 31, 2022.

Further details regarding employee benefit plans are contained in the 2021 Annual Report to Shareholders.

## Note 7 — Commitments and Contingent Liabilities

From time to time, legal actions are pending against the Association in which claims for money damages are asserted. On at least a quarterly basis, the Association assesses its liabilities and contingencies in connection with outstanding legal proceedings utilizing the latest information available. While the outcome of legal proceedings is inherently uncertain, on the basis of information presently available, management, after consultation with legal counsel, is of the opinion that the ultimate liability, if any, from these actions, would not be material in relation to the financial position of the Association. Because it is remote that the Association will incur a loss or the loss is not estimable, no liability has been recorded for any claims that may be pending.

### Note 8 — Subsequent Events

The Association evaluated subsequent events and determined there were none requiring disclosure through August 8, 2022, which was the date the financial statements were issued.