

J.S. Government Agency Debt.Couper Paying Note AGENCY DEBENTURE 2,000,000 1,998,507 Federal Home Loan Bank 31304/16 5.03 0,1/10/202 0,1/10/202 EDERAL HOME LOAN BANKS 2,000,000 1,998,507 Federal Home Loan Bank 31334/16 5.03 0,1/10/202 1/10/202 EDERAL HOME LOAN BANKS AGENCY FLOATER S,000,000 5,000,239 Federal Farm Credit Bank 31338FPR3 4.89 1/10/1204 1/22/2024 FEDERAL FARM CREDIT 1,000,000 1,000,295 Federal Farm Credit Bank 31338FPR3 4.99 1/10/1204 67/07/205 FEDERAL FARM CREDIT 1,000,000 1,000,295 Federal Farm Credit Bank 3133EPR13 4.99 1/10/1204 67/07/205 FEDERAL FARM CREDIT 2,000,000 1,000,000 1,000,000 Federal Farm Credit Bank 3133EPR13 4.99 1/10/1204 67/07/205 FEDERAL FARM CREDIT 2,000,000 2,000,000 2,000,00 2,000,00 Federal Farm Credit Bank 3133EPR14 4.94 1/10/1204 1/13/	Principal Amount	Market Value (\$)	Name of Issue	CUSIP	Coupon/ Yield (%)		Final Maturity Date	Associated Issuer	% of Portfolio
2,000,000 1,998,507 Federal Home Loan Bank 3130AYH6 5.03 0/10/2025 0/10/2025 FEDERAL HOME LOAN BANKS 2,000,000 1,998,507 Agency Debenture E E AGENCY FLOATER 3133EPH83 4.89 1/10/1/2024 1/12/2024 FEDERAL FARM CREDIT BANKS FLUIDING COMP 1,000,000 1,000,0145 Federal Farm Credit Bank 3133EPH83 4.89 1/10/1/2024 1/12/2024 FEDERAL FARK CREDIT BANKS FLUIDING COMP 1,000,000 1,000,0255 Federal Farm Credit Bank 3133EPH87 4.39 1/10/1/2024 6/1/0/1/2025 FEDERAL FARK CREDIT BANKS FLUIDING COMP 1,000,000 1,000,005 Federal Farm Credit Bank 3133EPH67 4.39 1/1/0/1/2024 6/1/0/1/2025 FEDERAL FARK CREDIT BANKS FLUIDING COMP 1,000,000 1,000,005 Federal Farm Credit Bank 3133EPH67 4.39 1/1/0/1/204 6/1/0/1/2025 FEDERAL FARK CREDIT BANKS FLUIDING COMP 2,000,000 2,000,338 Federal Farm Credit Bank 3133EPH67 4.96 1/1/0/1/204 0/1/0/205 FEDERAL FARK CREDIT BANKS FLUIDING COMP 2,000,000 <th>U.S. Government A</th> <th>gency Debt.Cou</th> <th>oon Paying Note</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>	U.S. Government A	gency Debt.Cou	oon Paying Note						
Agency Debenture BANKS AGENCY FLOATER	AGENCY DEBENTUR	E							
AGENCY FLOATER 5,000,000 5,000,239 Federal Farm Credit Bank 3133EPF83 4.89 11/01/2024 11/22/2024 FEDERAL FARM CREDIT FEDERAL FAR	2,000,000	1,998,507	Federal Home Loan Bank	3130AYH66	5.03	01/10/2025	01/10/2025		0.72
5,000,000 5,000,239 Federal Farm Credit Bank 3133EPR83 4.89 11/01/2024 11/22/2024 FEDERAL FARM CREDIT BANKS FUNDING CORP 1,000,000 1,000,145 Federal Farm Credit Bank 3133EPR40 4.89 11/01/2024 12/30/2024 FEDERAL FARM CREDIT BANKS FUNDING CORP 1,000,000 1,000,255 Federal Farm Credit Bank 3133EPR57 4.39 11/01/2024 03/07/2025 FEDERAL FARM CREDIT BANKS FUNDING CORP 500,000 500,306 Federal Farm Credit Bank 3133EPR57 4.39 11/01/2024 05/30/2025 FEDERAL FARM CREDIT BANKS FUNDING CORP 1,000,000 1,000,586 Federal Farm Credit Bank 3133EPR53 4.93 11/01/2024 05/30/2025 FEDERAL FARM CREDIT BANKS FUNDING CORP 2,000,000 2,000,394 Federal Farm Credit Bank 3133EPF5 4.96 11/01/2024 07/18/2025 FEDERAL FARM CREDIT BANKS FUNDING CORP 777,000 777,226 Federal Farm Credit Bank 3133EPF75 4.96 11/01/2024 07/18/2025 FEDERAL FARM CREDIT BANKS FUNDING CORP 500,000 2,001,782 Federal Farm Credit Bank 3133EP	2,000,000	1,998,507	Agency Debenture						0.72
Holo BANKS FUNDING COPP 1,000,000 1,000,15 Federal Farm Credit Bank 3133EPH40 4.89 11/01/2024 12/30/2024 FEDERAL FARM CREDIT 1,000,000 1,000,255 Federal Farm Credit Bank 3133EPH29 4.90 11/01/2024 02/307/2025 FEDERAL FARM CREDIT 500,000 500,308 Federal Farm Credit Bank 3133EPH57 4.93 11/01/2024 05/28/2025 FEDERAL FARM CREDIT 1,000,000 1,000,566 Federal Farm Credit Bank 3133EPH56 4.83 11/01/2024 05/32/2025 FEDERAL FARM CREDIT 2,000,000 2,000,394 Federal Farm Credit Bank 3133EPH56 4.86 11/01/2024 07/18/2025 FEDERAL FARM CREDIT 3ANKS FUNDING CORP 38ANKS FUNDING CORP 38ANKS FUNDING CORP 38ANKS FUNDING CORP 38ANKS FUNDING CORP 7000,000 2,000,000 2,000,394 Federal Farm Credit Bank 3133EP155 4.94 11/01/2024 08/14/2025 FEDERAL FARM CREDIT 777,000 777,226 Federal Farm Credit Bank 3133EP155 4.95 11/01/2024 08/14/2025	AGENCY FLOATER								
Homoson Homoson <t< td=""><td>5,000,000</td><td>5,000,239</td><td>Federal Farm Credit Bank</td><td>3133EPF83</td><td>4.89</td><td>11/01/2024</td><td>11/22/2024</td><td></td><td>1.79</td></t<>	5,000,000	5,000,239	Federal Farm Credit Bank	3133EPF83	4.89	11/01/2024	11/22/2024		1.79
BANKS FUNDING COPP BANKS FUNDING COPP 500,000 500,308 Federal Farm Credit Bank 3133EPH57 4.93 11/01/2024 05/28/2025 FEDERAL FARM CREDIT BANKS FUNDING COPP 1,000,000 1,000,586 Federal Farm Credit Bank 3133EPH53 4.93 11/01/2024 05/30/2025 FEDERAL FARM CREDIT BANKS FUNDING COPP 2,000,000 2,000,394 Federal Farm Credit Bank 3133EPH56 4.86 11/01/2024 05/30/2025 FEDERAL FARM CREDIT BANKS FUNDING COPP 750,000 750,520 Federal Farm Credit Bank 3133EPH45 4.94 11/01/2024 08/14/2025 FEDERAL FARM CREDIT BANKS FUNDING COPP 777,000 777,226 Federal Farm Credit Bank 3133EPH75 4.95 11/01/2024 08/12/2025 FEDERAL FARM CREDIT 2,000,000 2,001,583 Federal Farm Credit Bank 3133EPH75 4.95 11/01/2024 08/12/2025 FEDERAL FARM CREDIT 500,000 500,205 Federal Farm Credit Bank 3133EPH75 4.95 11/01/2024 08/12/2025 FEDERAL FARM CREDIT 1,000,000 1,000,000 500,205	1,000,000	1,000,145	Federal Farm Credit Bank	3133EPH40	4.89	11/01/2024	12/30/2024		0.36
Hardback Barkes Function Barkes Function </td <td>1,000,000</td> <td>1,000,295</td> <td>Federal Farm Credit Bank</td> <td>3133EPL29</td> <td>4.90</td> <td>11/01/2024</td> <td>03/07/2025</td> <td></td> <td>0.36</td>	1,000,000	1,000,295	Federal Farm Credit Bank	3133EPL29	4.90	11/01/2024	03/07/2025		0.36
BANKS FUNDING CORP BANKS FUNDING CORP 2,000,000 2,000,394 Federal Farm Credit Bank 3133EP56 4.86 11/01/2024 07/18/2025 FEDERAL FARM CREDIT BANKS FUNDING CORP 750,000 750,520 Federal Farm Credit Bank 3133EP145 4.94 11/01/2024 08/13/2025 FEDERAL FARM CREDIT BANKS FUNDING CORP 777,000 777,226 Federal Farm Credit Bank 3133EPT48 4.98 11/01/2024 08/14/2025 FEDERAL FARM CREDIT BANKS FUNDING CORP 2,000,000 2,001,583 Federal Farm Credit Bank 3133EPT76 4.95 11/01/2024 08/2/2025 FEDERAL FARM CREDIT BANKS FUNDING CORP 500,000 500,205 Federal Farm Credit Bank 3133EP142 4.97 11/01/2024 11/28/2025 FEDERAL FARM CREDIT BANKS FUNDING CORP 2,000,000 1,000,000 1,000,864 Federal Farm Credit Bank 3133EP142 4.97 11/01/2024 11/28/2025 FEDERAL FARM CREDIT BANKS FUNDING CORP 1,000,000 1,000,864 Federal Farm Credit Bank 3133EP44 4.97 11/01/2024 11/28/2025 FEDERAL FARM CREDIT BANKS FUNDING CORP	500,000	500,308	Federal Farm Credit Bank	3133EPH57	4.93	11/01/2024	05/28/2025		0.18
BANKS FUNDING CORP BANKS FUNDING CORP 750,000 750,520 Federal Farm Credit Bank 3133EPL45 4.94 11/01/2024 08/13/2025 FEDERAL FARM CREDIT BANKS FUNDING CORP 777,000 777,226 Federal Farm Credit Bank 3133EPTH8 4.98 11/01/2024 08/14/2025 FEDERAL FARM CREDIT BANKS FUNDING CORP 2,000,000 2,001,583 Federal Farm Credit Bank 3133EPF75 4.95 11/01/2024 08/22/2025 FEDERAL FARM CREDIT BANKS FUNDING CORP 500,000 500,205 Federal Farm Credit Bank 3133EP75 4.95 11/01/2024 11/28/2025 FEDERAL FARM CREDIT BANKS FUNDING CORP 2,000,000 2,001,782 Federal Farm Credit Bank 3133EP75 4.94 11/01/2024 11/28/2025 FEDERAL FARM CREDIT BANKS FUNDING CORP 1,000,000 2,001,782 Federal Farm Credit Bank 3133EP144 4.97 11/01/2024 11/28/2025 FEDERAL FARM CREDIT BANKS FUNDING CORP 1,000,000 1,000,864 Federal Farm Credit Bank 3133EPM69 4.97 11/01/2024 12/15/2025 FEDERAL FARM CREDIT BANKS FUNDING CORP 1,000,000	1,000,000	1,000,586	Federal Farm Credit Bank	3133EPJ63	4.93	11/01/2024	05/30/2025		0.36
Marker Banks FUNDING CORP 777,000 777,226 Federal Farm Credit Bank 3133EPTH8 4.98 11/01/2024 08/14/2025 FEDERAL FARM CREDIT 2,000,000 2,001,583 Federal Farm Credit Bank 3133EP755 4.95 11/01/2024 08/22/2025 FEDERAL FARM CREDIT 500,000 500,205 Federal Farm Credit Bank 3133EP755 4.94 11/01/2024 11/28/2025 FEDERAL FARM CREDIT 2,000,000 2,001,782 Federal Farm Credit Bank 3133EP124 4.97 11/01/2024 11/28/2025 FEDERAL FARM CREDIT 3,000,000 1,000,864 Federal Farm Credit Bank 3133EP124 4.97 11/01/2024 11/28/2025 FEDERAL FARM CREDIT 3,000,000 1,000,000 1,000,864 Federal Farm Credit Bank 3133EP164 4.97 11/01/2024 12/15/2025 FEDERAL FARM CREDIT 3,000,000 1,000,000 999,268 Federal Farm Credit Bank 3133EP164 4.96 11/01/2024 02/15/2025 FEDERAL FARM CREDIT 3,000,000 1,500,000 1,500,606 Federal Farm Credit	2,000,000	2,000,394	Federal Farm Credit Bank	3133EP5P6	4.86	11/01/2024	07/18/2025		0.72
BANKS FUNDING CORP BANKS FUNDING CORP 2,000,000 2,001,583 Federal Farm Credit Bank 3133EPF75 4.95 11/01/2024 8/22/2025 FEDERAL FARM CREDIT BANKS FUNDING CORP 500,000 500,205 Federal Farm Credit Bank 3133EP175 4.94 11/01/2024 11/28/2025 FEDERAL FARM CREDIT BANKS FUNDING CORP 2,000,000 2,001,782 Federal Farm Credit Bank 3133EPH24 4.97 11/01/2024 11/28/2025 FEDERAL FARM CREDIT BANKS FUNDING CORP 1,000,000 1,000,864 Federal Farm Credit Bank 3133EPM69 4.96 11/01/2024 12/15/205 FEDERAL FARM CREDIT BANKS FUNDING CORP 1,000,000 999,268 Federal Farm Credit Bank 3133EPM69 4.96 11/01/2024 1/12/205 FEDERAL FARM CREDIT BANKS FUNDING CORP 1,000,000 999,268 Federal Farm Credit Bank 3133EPM69 4.96 11/01/2024 0/16/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP 1,500,000 1,500,600 Federal Farm Credit Bank 3133EPM69 4.96 11/01/2024 0/12/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP 2,500,000	750,000	750,520	Federal Farm Credit Bank	3133EPL45	4.94	11/01/2024	08/13/2025		0.27
BANKS FUNDING CORP 500,000 500,205 Federal Farm Credit Bank 3133EP3V5 4.94 11/01/2024 11/28/2025 FEDERAL FARM CREDIT BANKS FUNDING CORP 2,000,000 2,001,782 Federal Farm Credit Bank 3133EP124 4.97 11/01/2024 11/28/2025 FEDERAL FARM CREDIT BANKS FUNDING CORP 1,000,000 1,000,864 Federal Farm Credit Bank 3133EPM69 4.96 11/01/2024 12/15/2025 FEDERAL FARM CREDIT BANKS FUNDING CORP 1,000,000 999,268 Federal Farm Credit Bank 3133EPM69 4.96 11/01/2024 01/16/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP 1,500,000 999,268 Federal Farm Credit Bank 3133EPZ81 4.96 11/01/2024 01/29/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP 2,500,000 2,500,000 Federal Farm Credit Bank 3133EPZ81 4.96 11/01/2024 01/29/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP 2,000,000 2,500,000 Federal Farm Credit Bank 3133EPZ81 4.96 11/01/2024 02/02/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP 2,000,000 2,500,000	777,000	777,226	Federal Farm Credit Bank	3133EPTH8	4.98	11/01/2024	08/14/2025		0.28
BANKS FUNDING CORP 2,000,000 2,001,782 Federal Farm Credit Bank 3133EPH24 4.97 11/01/2024 11/28/2025 FEDERAL FARM CREDIT BANKS FUNDING CORP 1,000,000 1,000,864 Federal Farm Credit Bank 3133EPM69 4.96 11/01/2024 12/15/2025 FEDERAL FARM CREDIT BANKS FUNDING CORP 1,000,000 999,268 Federal Farm Credit Bank 3133EPB65 4.89 11/01/2024 01/16/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP 1,500,000 1,500,606 Federal Farm Credit Bank 3133EPZ81 4.96 11/01/2024 01/29/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP 2,500,000 2,500,000 Federal Farm Credit Bank 3133ERDN8 4.90 11/01/2024 01/29/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP 2,000,000 1,999,557 Federal Farm Credit Bank 3133ERDN8 4.90 11/01/2024 02/02/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP 2,000,000 1,999,557 Federal Farm Credit Bank 3133EPD3 4.90 11/01/2024 02/12/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP 1,000,000 999,887	2,000,000	2,001,583	Federal Farm Credit Bank	3133EPF75	4.95	11/01/2024	08/22/2025		0.72
BANKS FUNDING CORP 1,000,000 1,000,864 Federal Farm Credit Bank 3133EPM69 4.96 11/01/2024 12/15/2025 FEDERAL FARM CREDIT BANKS FUNDING CORP 1,000,000 999,268 Federal Farm Credit Bank 3133EPB65 4.89 11/01/2024 01/16/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP 1,500,000 1,500,606 Federal Farm Credit Bank 3133EPZ81 4.96 11/01/2024 01/29/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP 2,500,000 2,500,004 Federal Farm Credit Bank 3133EPD88 4.90 11/01/2024 02/02/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP 2,000,000 1,999,557 Federal Farm Credit Bank 3133ERBC4 4.90 11/01/2024 02/02/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP 1,000,000 999,887 Federal Farm Credit Bank 3133EPDS3 4.90 11/01/2024 02/12/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP	500,000	500,205	Federal Farm Credit Bank	3133EP3V5	4.94	11/01/2024	11/28/2025		0.18
BANKS FUNDING CORP 1,000,000 999,268 Federal Farm Credit Bank 3133ERBG5 4.89 11/01/2024 01/16/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP 1,500,000 1,500,606 Federal Farm Credit Bank 3133EPZ81 4.96 11/01/2024 01/29/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP 2,500,000 2,500,004 Federal Farm Credit Bank 3133EPZ81 4.90 11/01/2024 02/02/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP 2,500,000 2,500,004 Federal Farm Credit Bank 3133ERDN8 4.90 11/01/2024 02/02/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP 2,000,000 1,999,557 Federal Farm Credit Bank 3133ERDK8 4.90 11/01/2024 02/12/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP 1,000,000 999,887 Federal Farm Credit Bank 3133EP5D3 4.93 11/01/2024 03/12/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP	2,000,000	2,001,782	Federal Farm Credit Bank	3133EPH24	4.97	11/01/2024	11/28/2025		0.72
BANKS FUNDING CORP 1,500,000 1,500,606 Federal Farm Credit Bank 3133EPZ81 4.96 11/01/2024 01/29/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP 2,500,000 2,500,004 Federal Farm Credit Bank 3133ERDN8 4.90 11/01/2024 02/02/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP 2,000,000 1,999,557 Federal Farm Credit Bank 3133ERDK8 4.90 11/01/2024 02/02/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP 1,000,000 999,887 Federal Farm Credit Bank 3133EPDS3 4.93 11/01/2024 03/12/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP	1,000,000	1,000,864	Federal Farm Credit Bank	3133EPM69	4.96	11/01/2024	12/15/2025		0.36
BANKS FUNDING CORP 2,500,000 2,500,004 Federal Farm Credit Bank 3133ERDN8 4.90 11/01/2024 02/02/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP 2,000,000 1,999,557 Federal Farm Credit Bank 3133ERBC4 4.90 11/01/2024 02/12/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP 1,000,000 999,887 Federal Farm Credit Bank 3133EP5D3 4.93 11/01/2024 03/12/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP	1,000,000	999,268	Federal Farm Credit Bank	3133ERBG5	4.89	11/01/2024	01/16/2026		0.36
BANKS FUNDING CORP 2,000,000 1,999,557 Federal Farm Credit Bank 3133ERBC4 4.90 11/01/2024 02/12/2026 FEDERAL FARM CREDIT BANKS FUNDING CORP 1,000,000 999,887 Federal Farm Credit Bank 3133EP5D3 4.93 11/01/2024 03/12/2026 FEDERAL FARM CREDIT	1,500,000	1,500,606	Federal Farm Credit Bank	3133EPZ81	4.96	11/01/2024	01/29/2026		0.54
BANKS FUNDING CORP 1,000,000 999,887 Federal Farm Credit Bank 3133EP5D3 4.93 11/01/2024 03/12/2026 FEDERAL FARM CREDIT	2,500,000	2,500,004	Federal Farm Credit Bank	3133ERDN8	4.90	11/01/2024	02/02/2026		0.89
	2,000,000	1,999,557	Federal Farm Credit Bank	3133ERBC4	4.90	11/01/2024	02/12/2026		0.72
BANKS FUNDING CORP	1,000,000	999,887	Federal Farm Credit Bank	3133EP5D3	4.93	11/01/2024	03/12/2026	FEDERAL FARM CREDIT BANKS FUNDING CORP	0.36



Principal Amount	Market Value (\$)	Name of Issue	CUSIP	Coupon/ Yield (%)		Final Maturity Date	Associated Issuer	% of Portfolio
U.S. Government A	gency Debt.Cou	pon Paying Note						
AGENCY FLOATER								
2,500,000	2,498,841	Federal Farm Credit Bank	3133ERFG1	4.90	11/01/2024	05/21/2026	FEDERAL FARM CREDIT BANKS FUNDING CORP	0.89
2,000,000	1,998,701	Federal Farm Credit Bank	3133ERGC9	4.91	11/01/2024	06/03/2026	FEDERAL FARM CREDIT BANKS FUNDING CORP	0.72
1,000,000	1,000,044	Federal Farm Credit Bank	3133ERQW4	4.95	11/01/2024	08/26/2026	FEDERAL FARM CREDIT BANKS FUNDING CORP	0.36
2,000,000	1,999,718	Federal Farm Credit Bank	3133ERRZ6	4.95	11/01/2024	09/04/2026	FEDERAL FARM CREDIT BANKS FUNDING CORP	0.72
250,000	250,043	Federal Farm Credit Bank	3133ERSN2	4.95	11/01/2024	09/09/2026	FEDERAL FARM CREDIT BANKS FUNDING CORP	0.09
1,000,000	999,883	Federal Farm Credit Bank	3133ERXN6	4.95	11/01/2024	10/15/2026	FEDERAL FARM CREDIT BANKS FUNDING CORP	0.36
300,000	300,053	Federal Home Loan Bank	3130AWSR2	4.93	11/01/2024	01/03/2025	FEDERAL HOME LOAN BANKS	0.11
295,000	295,141	Federal Home Loan Bank	3130AWY46	4.94	11/01/2024	03/24/2025	FEDERAL HOME LOAN BANKS	0.11
2,000,000	2,001,510	Federal Home Loan Bank	3130AXW95	4.95	11/01/2024	07/24/2025	FEDERAL HOME LOAN BANKS	0.72
645,000	645,587	Federal Home Loan Bank	3130AWWV 8	4.97	11/01/2024	08/21/2025	FEDERAL HOME LOAN BANKS	0.23
760,000	760,694	Federal Home Loan Bank	3130AWZJ2	4.97	11/01/2024	08/22/2025	FEDERAL HOME LOAN BANKS	0.27
2,000,000	2,001,582	Federal Home Loan Bank	3130AXVW5	4.96	11/01/2024	08/22/2025	FEDERAL HOME LOAN BANKS	0.72
1,000,000	1,000,079	Federal Home Loan Bank	3130B0HG7	4.89	11/01/2024	09/19/2025	FEDERAL HOME LOAN BANKS	0.36
2,000,000	2,000,103	Federal Home Loan Bank	3130AXTB4	5.01	11/01/2024	11/14/2025	FEDERAL HOME LOAN BANKS	0.72
1,000,000	1,000,954	Federal Home Loan Bank	3130AXZJ0	4.96	11/01/2024	12/08/2025	FEDERAL HOME LOAN BANKS	0.36
750,000	750,722	Federal Home Loan Bank	3130AXZ92	4.96	11/01/2024	12/11/2025	FEDERAL HOME LOAN BANKS	0.27
1,000,000	1,000,225	Federal Home Loan Bank	3130AYJS6	5.00	11/01/2024	01/14/2026	FEDERAL HOME LOAN BANKS	0.36
1,500,000	1,500,373	Federal Home Loan Bank	3130AYT30	4.94	11/01/2024	02/09/2026	FEDERAL HOME LOAN BANKS	0.54
1,500,000	1,499,979	Federal Home Loan Bank	3130B1D87	4.91	11/01/2024	05/13/2026	FEDERAL HOME LOAN BANKS	0.54
1,000,000	999,974	Federal Home Loan Bank	3130B2T39	4.95	11/01/2024	09/24/2026	FEDERAL HOME LOAN BANKS	0.36
1,500,000	1,500,330	Federal Home Loan Mortgage Corp.	3134HAEY5	4.91	11/01/2024	02/09/2026	FEDERAL HOME LOAN MORTGAGE CORPORATION	0.54 N



Principal Amount	Market Value (\$)	Name of Issue	CUSIP	Coupon/ Yield (%)		Final Maturity Date	Associated Issuer	% of Portfolio
U.S. Government A	gency Debt.Cou	oon Paying Note						
AGENCY FLOATER								
500,000	499,929	Federal Home Loan Mortgage Corp.	3134HAJN4	4.95	11/01/2024	09/04/2026	FEDERAL HOME LOAN MORTGAGE CORPORATION	0.18
500,000	499,998	Federal Home Loan Mortgage Corp.	3134HAWA7	4.95	11/01/2024	10/29/2026	FEDERAL HOME LOAN MORTGAGE CORPORATION	0.18
1,000,000	999,561	Federal National Mortgage Association	3135G07G2	4.91	11/01/2024	06/18/2026	FEDERAL NATIONAL MORTGAGE ASSOCIATION	0.36
2,000,000	2,000,320	Federal National Mortgage Association	3135G07J6	4.95	11/01/2024	08/21/2026	FEDERAL NATIONAL MORTGAGE ASSOCIATION	0.72
1,500,000	1,499,984	Federal National Mortgage Association	3135G07L1	4.95	11/01/2024	10/23/2026	FEDERAL NATIONAL MORTGAGE ASSOCIATION	0.54
57,027,000	57,037,791	Agency Floater						20.41
59,027,000	59,036,298	U.S. Government Agency Debt.Coupon Paying Note Total						21.13
U.S. Government A	gency Debt.No-c	coupon discount note						
AGENCY DISCOUNT	NOTE							
2,000,000	1,999,750	Federal Home Loan Bank	313384M89	0.00	11/01/2024	11/01/2024	FEDERAL HOME LOAN BANKS	0.72
2,000,000	1,975,265	Federal Home Loan Bank	313385BS4	4.78	02/10/2025	02/10/2025	FEDERAL HOME LOAN BANKS	0.72
2,000,000	1,947,687	Federal Home Loan Bank	313385GY6	4.23	06/16/2025	06/16/2025	FEDERAL HOME LOAN BANKS	0.72
6,000,000	5,922,702	Agency Discount Note						2.15
6,000,000	5,922,702	U.S. Government Agency Debt.No-coupon discount note Total						2.15
U.S. Government A	gency Repurcha	se Agreement						
REPURCHASE AGREE	MENT							
25,000,000	25,000,000	BMO Capital Markets Corp.	BIV800BV8	4.86	11/01/2024	11/01/2024	BANK OF MONTREAL	8.95
15,000,000	15,000,000	Mizuho Securities (USA) Inc.	BIV81GKY6	4.87	11/01/2024	11/01/2024	US GOVT COLL	5.37
15,000,000	15,000,000	Societe Generale S.A.	BIV81GLD1	4.88	11/01/2024	11/01/2024	US GOVT COLL	5.37
15,000,000	15,000,000	Standard Chartered Bank	BIV81GL82	4.87	11/01/2024	11/01/2024	US GOVT COLL	5.37
19,084,230	19,084,230	Sumitomo Mitsui Banking Corp.	BIV81GL41	4.87	11/01/2024	11/01/2024	US GOVT COLL	6.83
89,084,230	89,084,230	Repurchase Agreement						31.89



Principal Amount	Market Value (\$)	Name of Issue	CUSIP	Coupon/ Yield (%)		Final Maturity Date	Associated Issuer	% of Portfolio
U.S. Government A	gency Repurcha	se Agreement						
REPURCHASE AGREE	MENT - TERM							
15,000,000	15,000,000	Citigroup Global Markets Inc.	BIV81CMF4	4.86	11/06/2024	11/06/2024	US GOVT COLL	5.37
4,000,000	4,000,000	Royal Bank of Canada	BIV7HCKY0	5.06	11/07/2024	11/07/2024	US GOVT COLL	1.43
10,000,000	10,000,000	Royal Bank of Canada	BIV7PYYC6	5.16	11/07/2024	11/07/2024	US GOVT COLL	3.58
25,000,000	25,000,000	TD Securities (USA) LLC	BIV81GMR9	4.87	11/07/2024	11/07/2024	US GOVT COLL	8.95
54,000,000	54,000,000	Repurchase Agreement - Term						19.33
143,084,230	143,084,230	U.S. Government Agency Repurchase Agreement Total						51.22
U.S. Treasury Debt								
NOTES, BONDS, AND	TIPS							
1,500,000	1,498,573	U.S. Treasury	912828G38	2.25	11/15/2024	11/15/2024	UNITED STATES OF AMERICA	0.54
1,500,000	1,497,737	U.S. Treasury	91282CDH1	0.75	11/15/2024	11/15/2024	UNITED STATES OF AMERICA	0.54
3,000,000	2,996,310	Notes, Bonds, and TIPs						1.07
US TREASURY BILLS								
13,000,000	12,958,357	U.S. Treasury	912797MD6	5.20	11/26/2024	11/26/2024	UNITED STATES OF AMERICA	4.65
10,000,000	9,959,264	U.S. Treasury	912797ME4	4.74	12/03/2024	12/03/2024	UNITED STATES OF AMERICA	3.58
4,500,000	4,477,697	U.S. Treasury	912797MN4	4.66	12/10/2024	12/10/2024	UNITED STATES OF AMERICA	1.61
3,000,000	2,982,463	U.S. Treasury	912797MP9	5.08	12/17/2024	12/17/2024	UNITED STATES OF AMERICA	1.07
1,500,000	1,489,875	U.S. Treasury	912797MQ7	5.02	12/24/2024	12/24/2024	UNITED STATES OF AMERICA	0.54
4,000,000	3,972,086	U.S. Treasury	912796ZV4	4.70	12/26/2024	12/26/2024	UNITED STATES OF AMERICA	1.43
3,000,000	2,976,674	U.S. Treasury	912797LR6	4.60	01/02/2025	01/02/2025	UNITED STATES OF AMERICA	1.07
2,000,000	1,982,879	U.S. Treasury	912797LX3	5.20	01/09/2025	01/09/2025	UNITED STATES OF AMERICA	0.72
500,000	495,419	U.S. Treasury	912797MX2	4.85	01/14/2025	01/14/2025	UNITED STATES OF AMERICA	0.18
1,500,000	1,485,833	U.S. Treasury	912797LY1	5.11	01/16/2025	01/16/2025	UNITED STATES OF AMERICA	0.54



Invesco V.I. U.S. Government Money Portfolio

Principal Amount	Market Value (\$)	Name of Issue	CUSIP	Coupon/ Yield (%)		Final Maturity Date	Associated Issuer	% of Portfolio
U.S. Treasury Debt								
US TREASURY BILLS								
5,500,000	5,443,698	U.S. Treasury	912797JR9	5.08	01/23/2025	01/23/2025	UNITED STATES OF AMERICA	1.97
3,000,000	2,966,693	U.S. Treasury	912797LZ8	4.55	01/30/2025	01/30/2025	UNITED STATES OF AMERICA	1.07
500,000	493,592	U.S. Treasury	912797MK0	4.93	02/13/2025	02/13/2025	UNITED STATES OF AMERICA	0.18
2,000,000	1,972,697	U.S. Treasury	912797KA4	4.92	02/20/2025	02/20/2025	UNITED STATES OF AMERICA	0.72
2,000,000	1,969,620	U.S. Treasury	912797MM6	4.79	03/06/2025	03/06/2025	UNITED STATES OF AMERICA	0.72
250,000	245,785	U.S. Treasury	912797KJ5	4.52	03/20/2025	03/20/2025	UNITED STATES OF AMERICA	0.09
1,000,000	982,277	U.S. Treasury	912797MU8	4.41	03/27/2025	03/27/2025	UNITED STATES OF AMERICA	0.36
1,000,000	981,452	U.S. Treasury	912797MV6	4.35	04/03/2025	04/03/2025	UNITED STATES OF AMERICA	0.36
1,500,000	1,471,148	U.S. Treasury	912797NB9	4.45	04/10/2025	04/10/2025	UNITED STATES OF AMERICA	0.54
2,000,000	1,959,844	U.S. Treasury	912797KS5	5.14	04/17/2025	04/17/2025	UNITED STATES OF AMERICA	0.72
1,500,000	1,456,906	U.S. Treasury	912797LW5	4.97	07/10/2025	07/10/2025	UNITED STATES OF AMERICA	0.54
4,000,000	3,847,687	U.S. Treasury	912797MS3	4.17	10/02/2025	10/02/2025	UNITED STATES OF AMERICA	1.43
1,000,000	958,830	U.S. Treasury	912797NA1	4.29	10/30/2025	10/30/2025	UNITED STATES OF AMERICA	0.36
68,250,000	67,530,776	US Treasury Bills						24.43
71,250,000	70,527,086	U.S. Treasury Debt Total						25.50
279,361,230	278,570,316	GRAND TOTAL						100.00



Portfolio Holdings Data as of October 31, 2024

To access the most recent 12 months of publicly available information filed by the fund with the Securities and Exchange Commission, please click on the following link:

Form N-MFP: Invesco V.I. U.S. Government Money Portfolio

You could lose money by investing in the Fund. Although the Fund seeks to preserve your investment at \$1.00 per share, it cannot guarantee it will do so. An investment in the Fund is not a bank account and is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. The Fund's sponsor is not required to reimburse the Fund for losses, and you should not expect that the sponsor will provide financial support to the Fund at any time, including during periods of market stress.

For more information about the Invesco V.I. U.S. Government Money Portfolio, please contact our Global Liquidity Sales Consultants at 800 659 1005, Option 2 or visit invesco.com/us.

All data provided by Invesco unless otherwise noted.

1 CUSIPs may include other unique identifiers, such as the central index key (CIK), International Securities Identification Number (ISIN) or Legal Entity Identifier (LEI) or an internal identifier, if other identifiers mentioned unavailable.

2 Past performance is no guarantee to future results. The security coupon/yield is not an indication of fund performance.

3 Based on Weighted Average Maturity (WAM). WAM represents the average time until maturity for securities in a portfolio, weighted in proportion to the dollar amount that is invested in the portfolio. WAM measures the sensitivity of fixed-income portfolios to interest rate changes. Portfolios with longer WAMs are more sensitive to changes in interest rates; shorter WAMs indicate less sensitivity.

4 Based on Weighted Average Life (WAL). WAL represents a fund's sensitivity to changes in credit spreads and other spread risks. WAL differs from WAM, in the respect that it uses a security's final maturity date, whereas WAM uses a security's next interest rate reset date. WAL should always be equal to or greater than WAM.

Portfolio data is subject to change and may not represent current or future portfolio composition. Nor has it been audited or adjusted for certain financial statement reclassifications. An audit could potentially result in adjustments to the data. Additional attributes, if applicable, are available upon request: Short-term ratings for S&P, Moody's, Fitch Ratings and the Dominion Bond Rating Service (DBRS®), long-term ratings for S&P, Moody's and Fitch Ratings, industry and exposure to underlying asset class.

Important Information about Variable Products

This content is provided for informational and/or educational purposes only and does not constitute a recommendation of the suitability of any investment strategy for a particular investor. Investors should consult a financial and/or tax professional before making any investment decisions if they are uncertain whether an investment is suitable for them.

Invesco Variable Insurance Funds are available solely as underlying investment options for variable life insurance and variable annuity products issued or administered by life insurance companies. This information is provided to help investors consider the objectives, risks, charges, and expenses associated with these underlying investment option(s). Investors should contact their investment or insurance professional for important information about the variable life insurance and variable annuity products that hold these investment options. **Invesco Distributors, Inc. does not offer any variable products.**

Shares of Invesco Variable Insurance Funds have no sales charge and are offered at net asset value ("NAV"). These Funds are available solely as an underlying investment option for variable life insurance and variable annuity products issued or administered by life insurance companies. The insurance company actually owns the Shares of the Funds. Investors do not buy, sell or exchange Shares of the Funds directly, but choose investment options through a variable annuity contract or variable life insurance policy. The insurance company then invests in, sells or exchanges the Shares of the Fund according to the investment options chosen by the investor. Fund returns do not reflect fees and expenses of any variable annuity contract or variable life insurance policy and would be lower if they did. Those expenses and fees are determined by the offering insurance company and will vary. Please refer to specific performance reporting from the issuing insurance company for returns that reflect such charges.

Withdrawals of taxable amounts from variable annuity contracts prior to age 59½ may be subject to an additional 10% federal tax penalty as well as income tax. Amounts withdrawn from a variable insurance contract will reduce the death benefit and withdrawals of earnings will be subject to income tax.

Fund performance reflects any applicable fee waivers and/or expense reimbursements. Had the adviser not waived fees and/or reimbursed expenses currently or in the past, returns would have been lower. See the current prospectus for more information.



Portfolio Holdings Data as of October 31, 2024

The returns for the Series shown do not reflect the deduction of fees and expenses associated with variable products, such as mortality and expense risk charges, separate account charges, and sales charges imposed by insurance company separate accounts. Such fees and expenses would reduce the overall returns shown and vary by insurance companies. Please refer to the variable product's annual report for performance that reflects the deduction of the fees, expenses and other charges imposed by insurance company separate accounts.

No representation is made, and no assurance can be given, that any investment's results will be comparable to the investment results of any other product with similar investment objectives and policies, including products with the same investment professional or manager. Differences in portfolio size, investments held, contract and portfolio expenses, and other factors, can be expected to affect performance.

About Variable Products

Issued by insurance companies, variable annuity and variable life insurance contracts allow investors to accumulate money on a tax deferred basis for long-term financial goals. Mortality and expense risk harges (which compensate the insurance company for insurance risks it assumes under the contract), surrender charges (typically levied if a contract holder cancels the contract within a certain period following initial purchase), and an annual maintenance charge are among the fees and expenses typically associated with these types of variable products.

Please keep in mind that any income guarantees are subject to the claims-paying ability of the issuing insurance company, and that contract owners have options when a contract's payout phase begins. Generally, investors may take their money in a lump sum, make discretionary or systematic distributions, or they can annuitize.

This does not constitute a recommendation of any investment strategy or product for a particular investor. Investors should consult a financial professional before making any investment decisions.

Not a Deposit | Not FDIC-Insured | Not Guaranteed by the Bank | May Lose Value | Not Insured by any Federal Government Agency

Before investing, investors should carefully read their variable annuity or life insurance contract and the associated variable product prospectus, as well as the underlying fund prospectus(es), and carefully consider the investment objectives, risks, charges, and expenses. For this and more complete information about the underlying funds, investors should ask the offering insurance company.