

Secondary Offerings 2/15/2019

	Issuer	Coupon	Maturity	Call Date	Call Type	Price	YTC	YTM	OAS	Cusip
Callables:	FREDDIE MAC	1.850	7/13/2020	4/13/2019	Quarterly	99.07	8.138	2.533	1.21	3134GBXV9
	FEDERAL HOME LOAN BANK	1.480	7/13/2021	2/25/2019	Anytime	97.53	152.986	2.545	4.41	3130A8NT6
	FEDERAL FARM CREDIT BANK	2.170	2/28/2022	2/25/2019	Anytime	98.66	83.009	2.635	11.63	3133EHAX1
	FEDERAL HOME LOAN BANK	2.150	9/26/2022	3/26/2019	Quarterly	98.21	19.701	2.673	15.56	3130ACF66
	FEDERAL FARM CREDIT BANK	2.050	1/11/2024	2/25/2019	Anytime	96.89	194.527	2.734	21.63	3133EGKS3

	Issuer	Coupon	Maturity	Price	Yield	Spread	Benchmark	Cusip
Bullets:	FANNIE MAE	1.250	4/28/2020	98.50	2.536	3.0	T 2 1/2 01/31/21	3136G3Q40
	FREDDIE MAC	2.250	11/24/2020	99.51	2.536	3.0	T 2 1/2 01/31/21	3134GBX56
	FARMER MAC	2.000	1/15/2021	99.04	2.521	1.5	T 2 1/2 01/31/21	3132X0MT5
	FEDERAL FARM CREDIT BANK	2.540	4/5/2021	100.03	2.526	2.0	T 2 1/2 01/31/21	3133EJJD2
	FARMER MAC	2.750	6/29/2021	100.47	2.541	3.5	T 2 1/2 01/31/21	3132X02W0
	FEDERAL HOME LOAN BANK	3.000	12/10/2021	101.28	2.524	4.0	T 2 1/2 02/15/22	3130AFFN2
	FARMER MAC	2.900	1/3/2022	100.98	2.544	6.0	T 2 1/2 02/15/22	31422BAM2
	FEDERAL HOME LOAN BANK	2.500	3/11/2022	99.91	2.529	4.5	T 2 1/2 02/15/22	313378WG2
	FEDERAL FARM CREDIT BANK	3.050	9/19/2022	101.69	2.554	7.0	T 2 1/2 02/15/22	3133EJH44
	FANNIE MAE	2.500	2/5/2024	99.71	2.563	7.5	T 2 1/2 01/31/24	3135G0V34
	FEDERAL FARM CREDIT BANK	2.875	7/17/2023	101.38	2.543	5.5	T 2 1/2 01/31/24	3133EJUS6
	FEDERAL HOME LOAN BANK	3.375	9/8/2023	103.42	2.573	8.5	T 2 1/2 01/31/24	313383YJ4
	FEDERAL HOME LOAN BANK	3.375	12/8/2023	103.56	2.581	9.0	T 2 1/2 01/31/24	3130A0F70
	FANNIE MAE	2.500	2/5/2024	99.71	2.563	7.5	T 2 1/2 01/31/24	3135G0V34

	1-month	6-month	1-Year	2-Year	3-Year	4-Year	5-year	10-year	30-year
Treasury	2.42%	2.50%	2.53%	2.51%	2.49%	2.50%	2.50%	2.68%	3.02%
Agency Spreads					3	6	6		

All securities are offered through CU Investment Solutions LLC (ISI). The home office of ISI is located at 8500 W. 110th St., Overland Park, KS 66210. ISI is registered with the Securities and Exchange Commission (SEC) as a broker-dealer under the Securities Exchange Act of 1934. ISI also is registered in the state of Kansas as an investment advisor. Member of FINRA and SIPC. All investments carry risk; please speak with your representative to gain a full understanding of said risks. Securities offered by ISI are not insured by the FDIC or NCUSIF and may lose value. All opinions, prices and yields are subject to change without notice.