

			2020		CASH								ACTUAL										MATERNAL MCP+								
LOT	ID	SIRE	DOB	BT	EF	FINN	TEX	BL	COMP	COOP	DST	WS	BWT	acc	MWWT	acc	WWT	acc	PWWT	acc	PFAT	acc	PEMD	acc	MICRON	PSC	acc	NLW	acc	INDEX	INDEX
1	20R036	CASH185328	23-Jul	2	13	8	14	10	37	9	4	4	0.4	53	-0.1	44	8.6	69	13.6	68	-0.1	64	1.8	61	38.1	4.1	70	11%	34	153.0	144.6
2	20R067	CASH185328	27-Jul	1	14	8	16	7	37	9	4	4	0.2	46			7.1	64	10.6	63	0.1	59	2.2	55	36.8	3.0	66	6%	22	142.4	137.5
3	20R114	CASH185328	29-Jul	2	3	12	18	16	37	6	3	3	0.4	54	-0.1	43	7.5	69	11.3	68	0.2	64	1.8	61	41.2	3.2	70	6%	33	140.8	135.9
4	20R141	CASH185328	1-Aug	2	11	6	13	12	37	7	4	4	0.4	53	0.4	43	7.4	69	11.5	68	-0.2	63	1.7	60	35.9	3.4	69	7%	33	145.8	138.7
5		WITHDRAWN																													
6	20R020	CASH185328	14-Jul	2	4	13	17	15	37	6	3	3	0.4	53	-0.1	43	7.5	69	11.1	68	-0.1	64	2.1	60	38.7	2.8	69	7%	33	141.8	139.0
7	20R001	CASH185328	9-Jul	1	9	12	15	8	37	9	4	4	0.2	46	-0.1	39	6.7	64	10.0	63	0.0	59	2.1	55	32.2	2.2	66	6%	22	139.5	135.6
8	20R030	CASH185328	23-Jul	3	11	10	16	7	37	10	4	5	0.4	54	-0.4	44	7.4	70	11.8	68	-0.2	64	1.8	60	31.2	2.3	70	13%	33	147.5	140.5
9	20R035	CASH185328	23-Jul	2	11	11	18	7	37	8	4	4	0.3	53	-0.6	44	6.7	70	10.6	68	-0.5	64	1.6	60	37.8	2.5	70	11%	33	142.1	136.8
10	20R055	CASH185328	26-Jul	2	8	11	12	12	37	11	5	5	0.2	52	-0.7	40	6.3	68	10.6	67	0.3	63	2.0	59	37.2	3.3	69	9%	28	142.6	139.3
11	20R152	CASH185328	31-Jul	1	6	10	16	12	37	9	4	5	0.3	49	-0.1	39	7.2	66	11.3	63	-0.3	52	2.2	51	36.3	3.2	55	10%	28	146.2	141.8
12	20R076	CASH185328	27-Jul	1	8	12	13	11	37	11	5	5	0.3	51	0.0	39	6.5	67	10.1	66	-0.1	63	2.2	59	38.0	2.8	69	7%	28	140.6	138.5
13	20R038	CASH185328	24-Jul	2	5	4	10	4	37	28	7	4	0.3	51	-0.3	41	7.1	69	11.4	68	0.2	63	2.6	59	34.8	3.7	69	6%	30	144.0	141.0
14	20R042	CASH185328	24-Jul	2	11	10	16	12	37	7	3	3	0.4	52	0.5	41	8.1	69	12.6	68	0.1	64	2.6	60	37.6	3.1	70	8%	30	154.4	148.0
15	20R007	CASH185328	11-Jul	1	3	13	18	16	37	6	3	3	0.3	54	0.2	44	6.4	70	9.1	69	-0.4	64	2.2	61	34.4	2.0	70	8%	33	138.8	136.6
16	20R079	CASH185328	27-Jul	1	11	14	12	8	37	9	3	5	0.2	53	-0.3	43	6.6	69	10.4	69	0.0	64	2.0	61	32.5	3.2	70	10%	33	141.4	139.2
17	20R010	CASH185328	12-Jul	2	10	10	16	9	37	9	4	4	0.3	51	-0.4	44	7.1	68	11.9	65	0.4	56	2.2	55	37.4	3.9	59	11%	32	149.5	144.2
18	20R037	CASH185328	23-Jul	2	13	8	14	9	37	9	4	4	0.4	53	-0.1	44	7.7	69	12.1	68	-0.2	64	1.9	61		3.2	70	11%	34	149.6	142.2
19	20R109	CASH185328	29-Jul	2	8	12	13	7	37	12	5	6	0.2	54	-0.2	42	6.7	69	10.5	68	-0.3	64	2.2	60	30.9	3.1	70	9%	33	142.7	138.7
20	20R179	CASH185328	8-Aug	2	16	12	19	3	37	6	3	3	0.3	52	-1.3	40	7.6	68	11.5	67	-0.5	63	2.1	60	34.9	3.2	69	8%	30	139.2	139.0
21	20R091	CASH185328	27-Jul	2	9	10	12	9	37	12	5	5	0.3	52	-0.4	41	7.1	68	11.5	67	-0.8	63	2.3	60	31.6	3.3	69	9%	29	146.8	143.1
22	20R119	CASH185328	30-Jul	2	3	12	18	15	37	6	3	3	0.3	53	-0.4	44	6.5	69	9.8	68	-0.2	64	1.4	60	36.8	2.4	69	8%	33	136.5	131.9
23	20R155	CASH185328	1-Aug	2	6	15	12	5	37	16	5	4	0.5	59	0.1	50	7.3	70	10.7	70	-0.1	68	0.4	65	36.5	2.3	72	13%	39	146.2	136.6
24	20R112	CASH185328	30-Jul	2	7	10	16	12	37	9	4	4	0.2	53	-0.8	43	5.4	70	10.0	68	0.8	64	2.6	60	34.7	3.5	70	7%	31	138.1	136.6
25	20R084	CASH185328	27-Jul	2	12	12	17	7	37	6	3	3	0.3	52	-0.3	46	6.9	68	11.1	65	-0.4	55	1.7	54	36.8	2.9	58	12%	33	145.8	138.6
26	20R122	CASH185328	30-Jul	1	6	15	12	6	37	16	5	3	0.3	53	-0.3	40	7.9	69	12.4	68	-0.6	63	1.8	60	34.2	4.3	69	9%	31	145.9	141.4
27	20R107	CASH185328	29-Jul	2	9	9	11	8	37	12	5	5	0.3	51	-0.8	39	7.1	69	11.5	67	0.5	63	2.5	59	35.0	3.8	69	8%	27	144.5	142.8
28	20R186	CASH185328	14-Aug	1	8	14	12	6	37	12	5	6	0.2	53	-0.8	42	6.3	70	10.6	69	0.1	64	2.1	61	34.0	4.2	70	10%	33	141.3	138.8
29	20R056	CASH185328	26-Jul	1	12	10	13	7	37	11	5	5	0.3	52	-0.8	39	7.1	69	11.6	67	-0.2	63	2.3	59	35.3	3.8	69	10%	28	146.0	142.9
30	20R024	CASH185328	18-Jul	2	10	14	12	16	37	9	4	4	0.4	54	-0.2	44	7.1	70	10.5	69	-0.5	65	1.9	61	31.4	2.2	70	8%	34	140.9	138.6
31	20R163	CASH185328	2-Aug	2	8	7	13	6	37	11	10	4	0.3	52	-0.9	38	6.7	69	11.8	68	-0.6	63	1.6	59	34.3	3.2	69	9%	28	142.5	138.1
32	20R111	CASH185328	29-Jul	1	12	10	13	6	37	12	5	6	0.2	53	-0.2	42	5.7	69	9.8	68	0.5	63	2.3	60	33.0	2.9	69	10%	33	143.2	138.2
33	20R048	CASH185328	26-Jul	2	6	15	11	5	37	17	10	3	0.3	53	-0.3	40	7.1	69	11.3	68	-0.4	63	1.5	60	34.7	2.8	69	9%	31	141.8	136.9
34	20R184	CASH185328	10-Aug	2	6	10	19	13	37	8	3	4	0.3	52	0.4	42	6.9	69	10.8	68	0.3	63	2.0	60	33.6	3.2	69	8%	29	146.7	140.1
35	20R082	CASH185328	27-Jul	2	9	13	14	8	37	10	4	5	0.3	52	-0.1	40	6.8	69	10.6	67	-0.8	63	1.6	59	32.4	2.5	69	9%	28	142.0	138.0
36	20R094	CASH185328	27-Jul	2	13	13	19	16	37	6	3	3	0.3	54	-0.2	45	6.2	70	10.6	69	-0.4	64	1.2	61	32.7	2.5	70	10%	33	140.0	134.1
37	20R144	CASH185328	30-Jul	2	9	12	12	9	37	11	5	5	0.2	51	-0.3	39	6.8	66	11.2	68	0.1	66	2.3	63	34.1	4.0	71	7%	28	144.0	140.9
38	20R092	CASH185328	27-Jul	2	9	10	12	9	37	12	5	5	0.3	52	-0.4	41	6.9	68	10.9	67	-0.6	63	2.0	60	34.8	2.8	69	9%	29	144.6	140.1
39	20R102	CASH185328	28-Jul	2	12	11	19	6	37	8	4	4	0.2	54	-0.3	46	5.1	70	9.4	69	0.2	64	1.9	61	38.5	1.4	70	13%	33	143.4	137.9
40	20R145	CASH185328	1-Aug	3	3	13	18	16	37	6	3	3	0.2	53	-0.5	43	5.8	69	9.4	68	0.2	64	2.7	60	35.4	1.9	69	6%	33	138.0	137.6

41	20R166	CASH185328	2-Aug	2	8	7	14	6	37	18	5	4	0.3	51	-0.9	38	7.3	66	11.9	68	-0.8	66	2.1	63	39.6	3.2	71	9%	28	144.9	141.0
42	20R203	CASH185328	1-Aug	1	8	12	13	11	37	11	5	5	0.3	52	-0.2	39	7.3	69	11.1	68	-0.6	66	2.2	63	33.7	3.4	70	8%	28	144.1	141.6
43	20R065	CASH185328	27-Jul	2	8	13	14	6	37	12	6	4	0.2	54	-0.6	45	6.1	70	10.1	69	0.4	65	2.5	61	33.0	3.3	70	13%	34	144.6	141.1
44	20R180	CASH185328	10-Aug	2	9	12	14	8	37	10	4	5	0.2	51	-0.9	39	5.9	68	10.4	67	-0.3	63	2.1	59	34.3	3.3	69	9%	28	141.0	138.7
45	20R129	CASH185328	29-Jul	2	8	11	13	11	37	11	5	5	0.2	51	-0.7	39	5.5	69	9.7	67	0.5	63	2.8	59	32.4	3.1	69	7%	28	139.7	138.7
46	20R149	CASH185328	1-Aug	1	8	7	13	7	37	18	5	4	0.2	51	-0.9	38	5.9	69	10.3	67	0.3	63	2.0	59	33.6	2.8	69	9%	28	139.8	137.1
47	20R089	CASH185328	27-Jul	2	6	15	11	5	37	16	5	4	0.3	53	-0.3	41	6.9	69	10.6	68	-0.6	63	1.6	60	31.5	2.3	69	8%	31	139.9	136.2
48	20R061	CASH185328	26-Jul	2	6	6	18	8	37	15	5	4	0.2	52	-0.3	41	6.6	68	10.2	67	0.2	63	1.9	60	35.0	2.8	69	9%	31	141.6	137.6
49	20Y436	JD18Y725	1-Aug	2	15	20	27	17	0	15	3	2	0.3	51	0.3	39	6.7	69	10.3	68	-0.8	66	1.9	63	41.5	2.6	71	3%	25	138.8	137.9
50	20Y285	JD18Y725	25-Jul	2	20	21	32	15	0	7	1	2	0.4	51	-0.1	41	6.9	67	10.8	69	-1.5	67	1.3	64	31.6	2.8	72	7%	28	139.4	134.9
51	20Y429	JD18Y725	14-Aug	1	11	13	38	19	0	5	1	2	0.2	49	-0.4	37	4.8	68	8.3	67	-0.1	63	2.3	59	36.5	2.3	69	4%	23	132.0	131.7
52	20Y294	JD18Y725	27-Jul	2	20	20	28	13	0	15	3	2	0.3	51	0.0	41	5.4	69	9.1	68	-1.2	65	1.1	61	31.4	1.6	71	9%	26	137.5	134.0
53	20Y372	JD18Y725	30-Jul	1	20	24	26	15	0	10	3	4	0.2	53	-0.3	42	5.4	71	8.8	70	-1.3	67	1.9	63	32.8	2.6	72	8%	27	136.6	136.8
54	20Y280	JD18Y725	25-Jul	2	21	21	30	16	0	8	2	3	0.4	53	0.5	42	7.2	70	10.8	69	-1.6	65	1.5	62	32.2	3.5	71	7%	27	142.3	137.7
55	20Y392	JD18Y725	31-Jul	1	20	20	26	16	0	11	3	5	0.3	51	0.3	40	5.7	68	9.5	69	-1.0	67	1.1	64		3.5	72	6%	28	134.5	130.1
56	20Y326	JD18Y725	27-Jul	2	15	16	25	12	0	26	5	3	0.4	54	0.0	44	7.0	71	9.9	70	-2.0	67	0.7	63	32.8	2.6	72	8%	32	133.7	131.1
57	20Y288	JD18Y725	25-Jul	1	17	18	25	9	0	23	4	2	0.3	52	0.0	42	6.1	70	9.8	69	-1.0	65	1.2	62	30.6	2.9	71	8%	30	137.0	133.6
58	20Y391	JD18Y725	31-Jul	1	21	20	25	14	0	16	3	2	0.5	51	0.2	39	7.3	69	11.1	69	-1.2	66	0.8	63	28.4	2.5	71	7%	25	139.7	135.2
59	20Y379	JD18Y725	31-Jul	2	17	20	27	14	0	16	4	2	0.2	48	0.3	36	6.3	67	9.8	67	-0.9	64	1.8	60	27.3	3.2	69	5%	22	138.1	135.9
60	20Y441	JD18Y725	2-Aug	1	17	17	24	10	0	25	4	3	0.4	53	0.5	45	7.0	71	10.5	70	-1.3	66	0.5	63	29.9	2.8	72	7%	31	138.1	131.0
61	20Y261	JD18Y725	19-Jul	1	19	27	23	14	0	10	4	3	0.2	54	-0.5	48	5.5	71	8.0	70	-1.2	67	2.0	64	31.3	2.8	72	8%	33	133.6	135.1
62	20Y296	JD18Y725	26-Jul	3	19	21	26	17	0	7	2	3	0.4	52	0.0	41	6.7	70	10.9	69	-1.0	65	1.4	62	29.9	3.0	71	7%	28	140.1	134.4
63	20Y286	JD18Y725	25-Jul	2	27	18	26	16	0	7	2	3	0.4	55	0.9	46	5.9	71	8.9	71	-1.2	67	1.2	64	34.3	2.3	72	6%	33	135.8	133.5
64	20Y344	JD18Y725	28-Jul	3	15	18	25	12	0	26	5	3	0.3	51	0.3	41	7.2	67	11.4	69	-0.8	67	1.7	64	32.4	4.0	72	7%	29	143.0	138.5
65	20Y426	JD18Y725	14-Aug	3	21	18	22	11	0	15	4	7	0.3	54	-0.3	47	5.9	72	9.8	70	-1.0	67	1.4	64		3.0	72	8%	33	136.9	133.1
66	20Y268	JD18Y725	22-Jul	2	21	16	24	12	0	16	4	7	0.2	54	-0.5	48	5.0	71	8.1	70	-0.9	67	1.8	64	32.2	3.0	72	9%	33	133.7	134.1
67	20Y304	JD18Y725	26-Jul	1	16	18	23	11	0	26	5	3	0.2	52	-0.3	41	5.1	69	9.3	69	-0.4	65	1.9	61	30.3	3.4	71	7%	30	136.3	135.9
68	20Y303	JD18Y725	26-Jul	3	22	22	32	13	0	7	2	3	0.2	44	0.3	40	5.1	62	7.9	64	-0.9	63	1.6	60	33.5	2.2	69	7%	33	129.6	129.5
69	20Y292	JD18Y725	25-Jul	2	18	17	24	9	0	25	4	3	0.3	53	0.2	45	5.4	71	8.9	70	-1.1	66	1.2	63	31.4	2.6	72	7%	31	135.2	132.3
70	20Y251	JD18Y725	10-Jul	2	22	18	29	13	0	6	3	4	0.3	54	-0.3	48	6.3	69	9.7	69	-1.7	67	0.8	65	35.2	3.1	70	4%	34	130.1	127.4
71	20Y307	JD18Y725	26-Jul	3	15	17	25	11	0	26	4	3	0.3	52	-0.3	44	6.3	70	10.6	69	-1.0	65	1.5	61	29.5	3.5	71	6%	29	138.8	135.5
72	20Y276	JD18Y725	23-Jul	2	15	18	25	12	0	26	5	3	0.3	52	0.3	43	6.2	70	10.0	69	-0.5	65	1.7	61	31.0	2.8	71	7%	29	139.8	135.6
73	20Y404	JD18Y725	31-Jul	2	17	18	28	14	0	16	3	2	0.3	50	0.8	39	5.8	67	9.1	68	-1.2	66	1.6	64	32.2	2.1	71	4%	27	137.4	134.1
74	20Y325	JD18Y725	28-Jul	2	21	20	27	12	0	8	3	3	0.3	52	-0.2	43	4.7	70	8.5	69	-0.7	65	1.7	62	29.8	2.6	71	8%	31	135.4	136.0
75	20Y256	JD18Y725	15-Jul	2	18	19	25	16	0	16	3	3	0.3	51	-0.1	39	5.6	69	9.0	68	-0.9	65	1.7	61	29.8	1.7	71	5%	25	134.1	134.0
76	20Y258	JD18Y725	18-Jul	1	17	18	26	12	0	24	4	2	0.3	51	-0.5	41	5.4	69	9.0	68	-0.5	65	1.8	61	28.9	2.7	70	6%	29	133.0	133.7
77	20Y401	JD18Y725	31-Jul	4	18	21	32	17	0	8	2	2	0.4	52	-0.6	44	6.4	68	10.5	70	-1.6	68	0.9	65	28.4	2.6	73	9%	31	135.9	132.9
78	20Y252	JD18Y725	10-Jul	2	22	18	29	13	0	6	3	4	0.3	54	-0.3	48	6.1	69	9.6	69	-1.3	67	2.0	65	37.3	3.1	70	4%	34	135.2	134.7
79	20Y253	JD18Y725	10-Jul	2	21	19	32	18	0	6	2	3	0.3	45	0.0	43	6.2	65	9.7	64	-0.8	61	1.6	57	31.5	2.7	67			135.6	134.6
80	20Y445	JD18Y725	12-Aug	2	15	16	25	11	0	26	3	2	0.3	52	-0.2	43	6.3	70	10.3	69	-1.0	65	1.5	62	33.0	2.9	71	6%	30	138.0	135.2
81	20Y257	JD18Y725	15-Jul	2	18	19	25	16	0	16	3	3	0.3	50	0.0	39	5.2	67	8.4	68	-1.1	67	1.2	64	30.1	1.3	72	5%	25	130.3	129.8
82	20Y438	JD18Y725	2-Aug	1	19	19	17	13	0	17	3	2	0.3	51	-0.3	40	5.5	69	9.1	68	-0.6	65	1.9	61	24.7	2.4	70	8%	26	136.7	136.3

83	20Y274	JD18Y725	23-Jul	2	22	21	24	14	0	10	3	4	0.2	54	0.0	44	5.2	71	8.4	71	-1.1	67	1.4	64	31.9	3.4	73	7%	32	133.2	132.6
84	20Y333	JD18Y725	27-Jul	2	23	20	29	13	0	9	2	4	0.2	45	0.3	39	5.3	64	7.4	63	-0.7	61	1.5	57	30.1	1.1	67			127.1	128.1
85	20Y359	JD18Y725	29-Jul	2	17	18	26	9	0	23	4	2	0.2	43			5.3	60	8.4	63	-1.0	63	1.3	60	29.4	2.7	68			128.7	127.9
86	20Y370	JD18Y725	30-Jul	2	15	18	26	11	0	23	3	2	0.3	52	-0.6	43	6.0	69	9.6	68	-1.4	65	2.1	61	33.2	2.3	70	6%	29	136.9	138.1
87	20Y312	JD18Y725	27-Jul	2	20	27	28	13	0	7	2	3	0.2	54	-0.5	45	4.8	71	8.4	71	-0.8	67	1.5	64	32.4	2.8	73	7%	32	130.9	132.2
88	20Y412	JD18Y725	2-Aug	2	16	18	26	11	0	24	4	2	0.2	53	0.2	44	5.4	70	9.2	69	-0.6	65	1.8	61	31.4	3.3	71	6%	30	136.4	135.4
89	20Y298	JD18Y725	27-Jul	2	18	17	24	11	0	24	4	2	0.3	52	0.0	45	5.5	70	8.9	69	-1.1	65	1.6	62	27.5	2.6	71	7%	30	135.1	134.5
90	20Y313	JD18Y725	26-Jul	2	16	17	23	11	0	25	4	2	0.3	52	-0.1	44	4.9	70	8.4	69	-1.0	65	1.2	62	30.5	1.6	71	8%	30	133.2	131.3
91	20Y434	JD18Y725	18-Aug	1	21	18	22	11	0	15	5	7	0.3	54	-0.2	45	5.5	70	8.5	69	-0.6	66	1.6	63	27.0	3.0	71	8%	33	132.7	131.7
92	20Y451	JD18Y725	19-Aug	1	21	20	30	19	0	7	2	3	0.3	52	-0.3	42	5.4	70	9.3	70	-0.9	65	1.3	62	32.0	2.8	71	7%	27	134.0	131.5
93	20W742	JD18Y725	10-Aug	2	25	0	25	50	0	0	0	0	0.5	42	0.6	44	6.3	60	8.9	62	-0.2	60	1.2	56	35.3	1.5	67	1%	21	132.6	125.2
94	20W745	JD18Y725	11-Aug	2	25	0	25	50	0	0	0	0	0.5	43	0.1	35	7.0	61	10.0	64	-0.5	61	1.6	57	33.1	2.1	68	5%	21	138.3	131.7
95	20W746	JD19B108	11-Aug	2	25	0	25	50	0	0	0	0	0.5	44	0.1	35	7.3	64	10.4	64	-0.5	61	1.8	57	34.3	2.2	67	5%	21	140.4	133.9
96	20W727	JD19B108	31-Jul	2	25	0	25	50	0	0	0	0	0.5	44	1.2	37	6.4	63	9.3	63	0.0	60	0.9	56	39.9	2.2	66	2%	22	135.4	126.8
97	20W726	JD19B108	31-Jul	1	25	0	25	50	0	0	0	0	0.5	46	0.0	36	7.3	64	10.2	64	-1.0	62	0.6	58		3.2	67	4%	24	131.2	124.2
98	20W756	JD19B108	13-Aug	3	25	25	25	25	0	0	0	0	0.6	41			6.3	59	9.4	62	-0.6	60	0.9	56	36.8	1.7	67	9%	21	137.6	131.3
99	20W744	JD19B108	10-Aug	2	25	0	25	50	0	0	0	0	0.3	45	0.8	37	5.7	64	8.9	64	0.4	61	1.9	57	39.9	2.0	67	6%	23	143.1	135.3
100	20W762	JD19B108	18-Aug	2	25	25	25	25	0	0	0	0	0.5	40	1.0	37	6.3	61	9.2	57	-0.5	41	0.8	56	35.3	2.4	48	5%	20	134.1	129.4