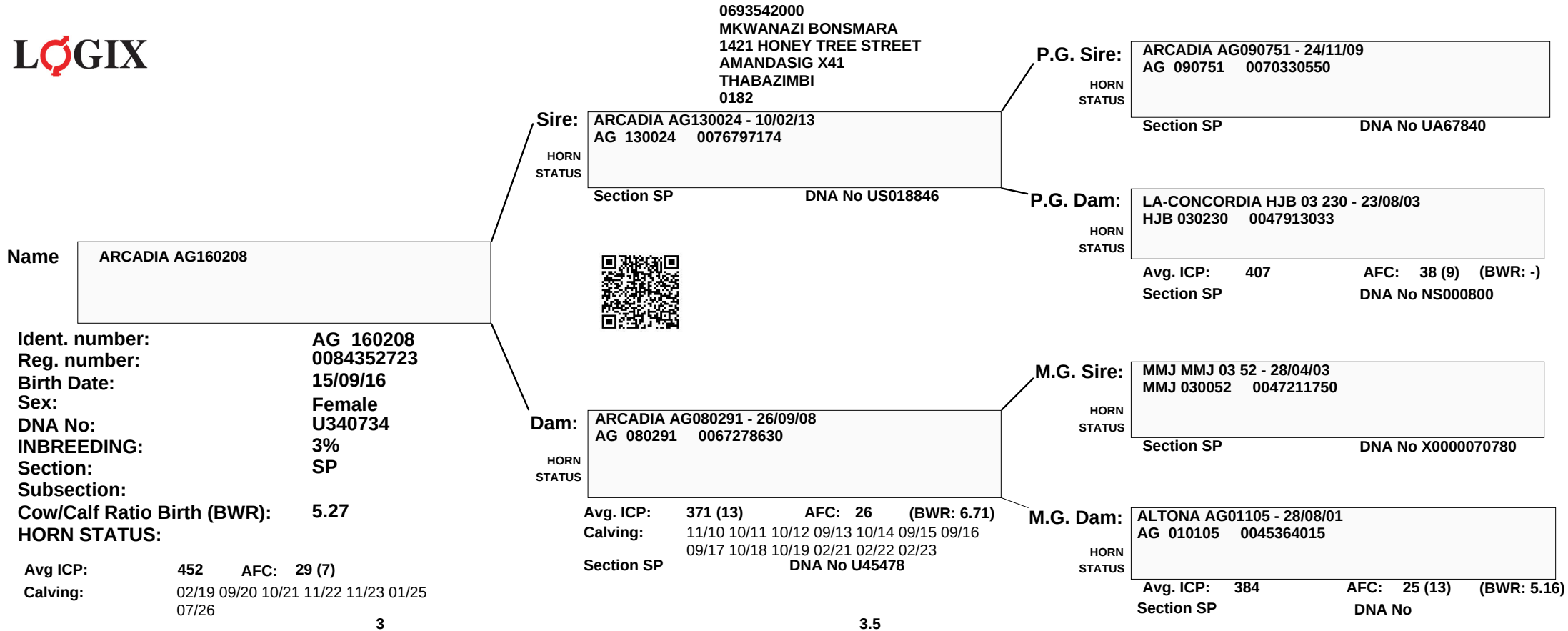


Three generation pedigree

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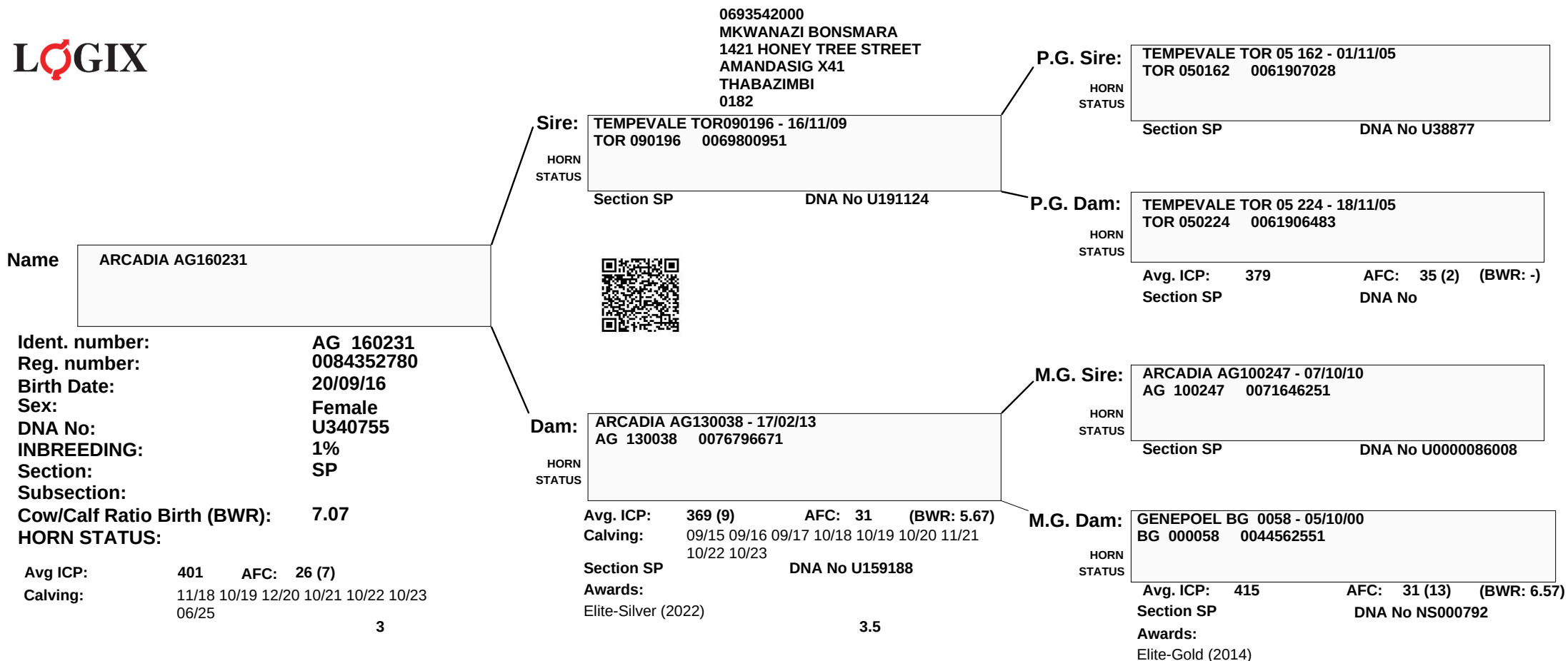


09/2026	CALVING EASE ★★★★★		MILK ★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★★		GROWTH TEST					FERTILITY ★★★★			COW VALUE ★★★★	GROWTH VALUE ★★★	PRODUCTION VALUE ★★★★
Selection Value	127 80		87 77	87 77	124 75							115 ⁵⁵					
EBV Index	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
	126	104	87	87	86	81	95	104	81	76	84	98	103	128	109 67	91 44	105 62
EBV	-1.77 81	-.47 77	-.2 77	8.2 77	12.8 76	-5.9 75	59.3 57	52.2 57	-4.6 30	-7.4 57	-15.6 59	11.3 60	-11.1 58	-5.6 37	In Vitro		
Measurements	29(5.3%)			240 (101)	317 (108)	358 (106)	-	-	-	-	-	-					

Three generation pedigree

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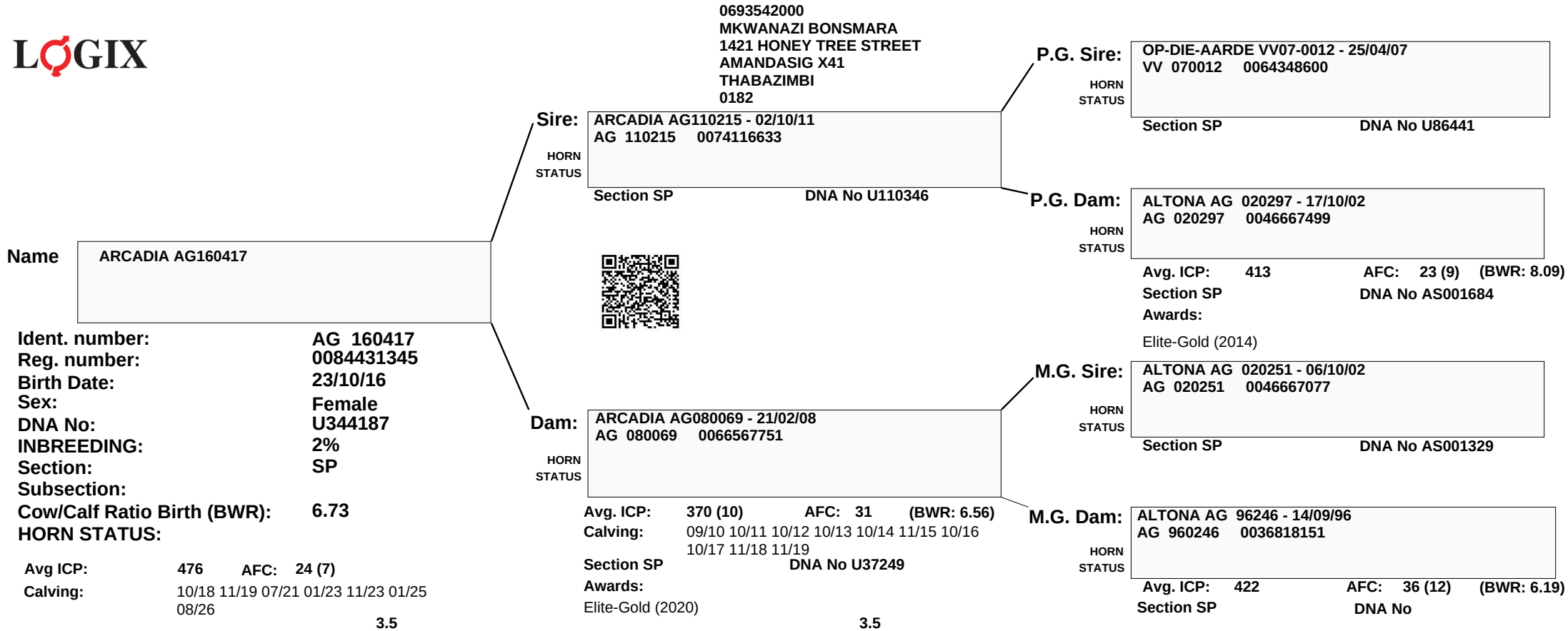


09/2026	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
Selection Value	104 80		95 73	98 75	132 74							94 51			★★★★	★★★	★★★★
EBV Index	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV	103	104	95	98	92	73	98	103	114	87	93	133	84	104	104 65	95 46	101 61
Measurements	0.69 81	-45 76	2.3 73	13.7 75	18.2 76	17.9 74	69.9 51	49.5 51	58.9 37	1.7 51	-8.8 56	32.5 57	0.3 54	-1.2 34	In Vitro		
	29(7.1%)			224 (99)	261 (87)	311 (90)	-	-	-	-	-	-					

Three generation pedigree

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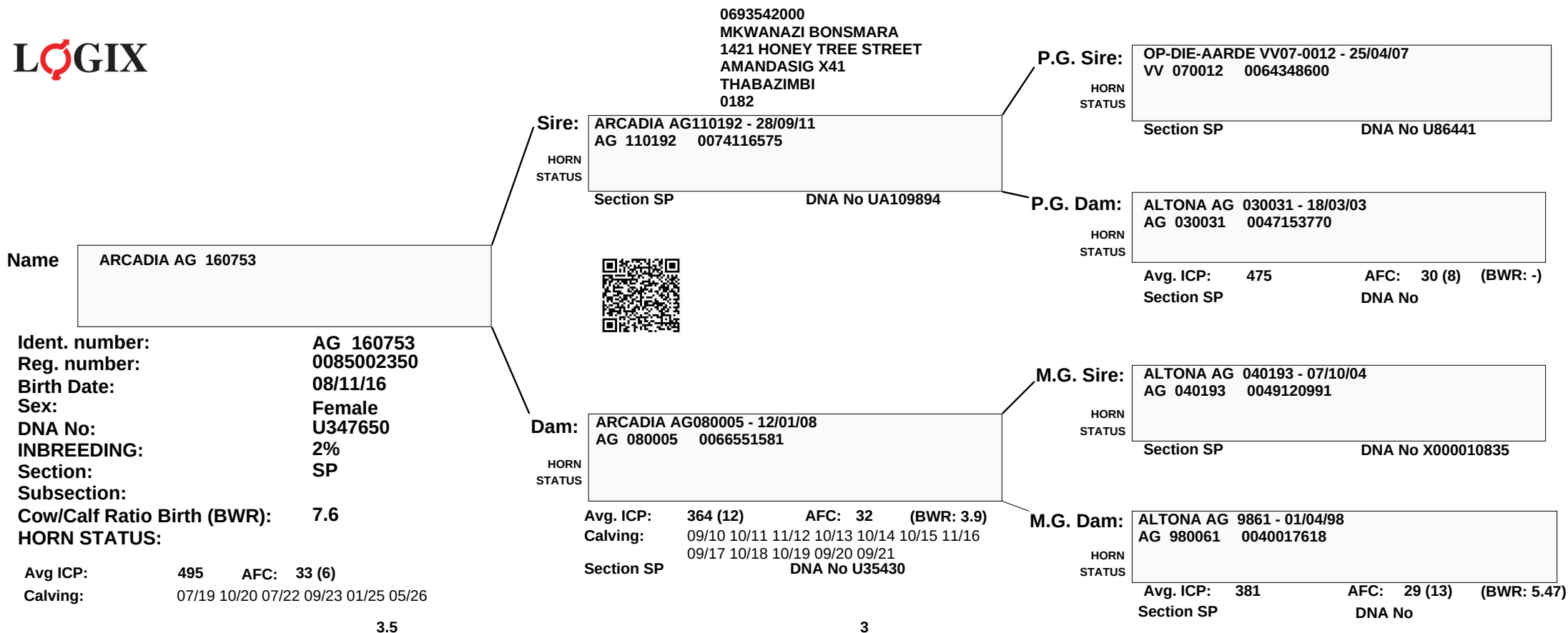


09/2026	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE ★★★★	GROWTH VALUE ★★★★	PRODUCTION VALUE ★★★★
Selection Value	105 ₈₀		95 ₇₁	108 ₇₅	110 ₇₅							84 ⁵⁵					
	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	101	120	95	108	106	89	106	104	103	109	106	102	97	80	103 ₆₆	103 ₄₂	102 ₆₁
EBV	0.91 ₈₁	-1.22 ₇₆	2.2 ₇₁	19.1 ₇₅	30.3 ₇₄	5.6 ₇₅	103 ₄₈	50.9 ₄₈	-42.2 ₃₅	21.6 ₄₉	1.4 ₅₂	13.9 ₅₂	-7.1 ₅₈	3 ₄₀	In Vitro		
Measurements	33(6.7%)			210 ₍₁₀₉₎	263 ₍₁₀₈₎	315 ₍₉₉₎	-	-	-	-	-	-					

Three generation pedigree

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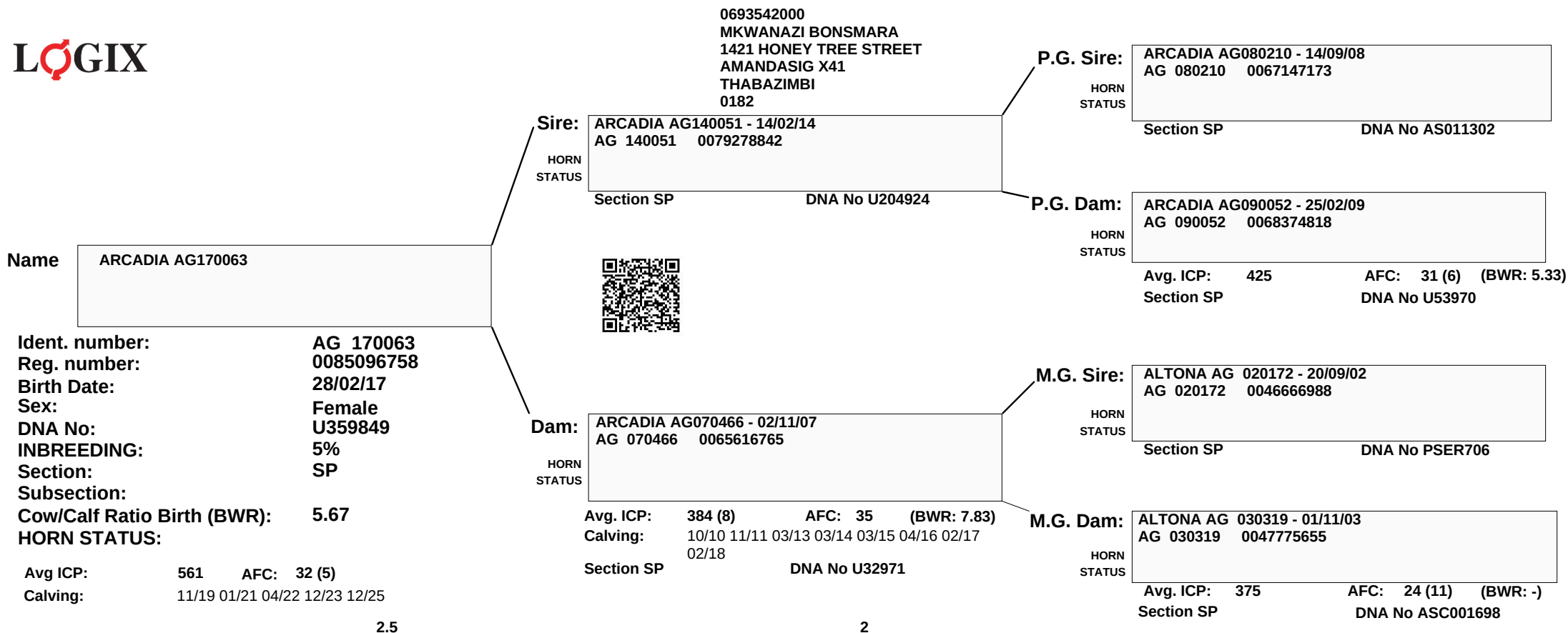


09/2026	CALVING EASE ★★★		MILK ★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE ★★★	GROWTH VALUE ★★★★	PRODUCTION VALUE ★★★
Selection Value	86 79		92 75	105 76	102 75							94 53					
	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	90	85	92	105	106	96	102	105	92	90	86	130	104	81	89 66	101 48	90 62
EBV	2.04 80	0.41 74	1.2 75	17.4 76	30.3 76	17.1 75	87.8 53	55.2 53	-23 39	5.1 54	-14.2 59	30.5 60	11.4 57	2.8 35	In Vitro		
Measurements	38(7.6%)			210 (106)	272 (110)	304 (94)	-	-	-	-	-	-	-	-			

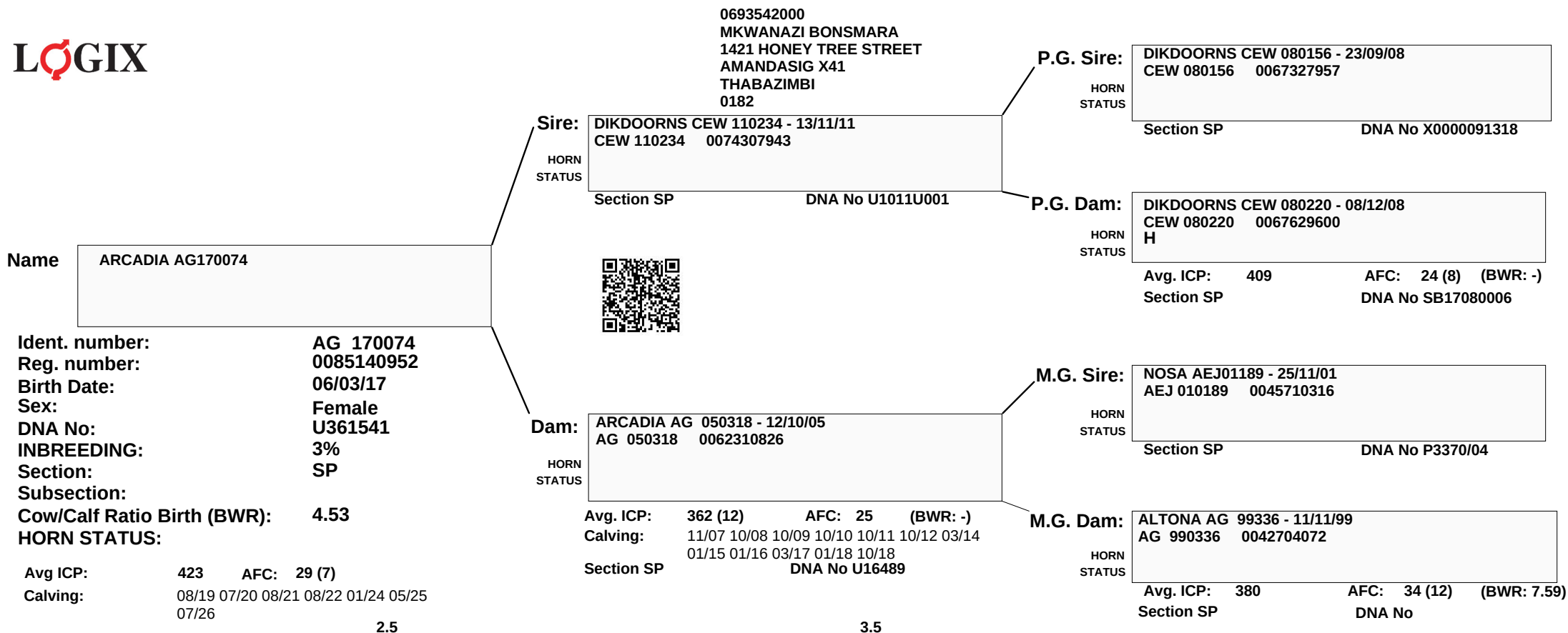
Three generation pedigree

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09/2026	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	109 ⁷⁹		96 ⁷²	89 ⁷⁵	119 ⁷⁶							55 ⁵¹			★★	★★★	★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	107	108	96	89	90	84	83	88	66	65	67	84	56	71	72 ⁶⁵	86 ⁴⁰	71 ⁶⁰
EBV	0.28 ⁸⁰	-.67 ⁷⁴	2.5 ⁷²	8.9 ⁷⁵	15.9 ⁶⁶	-1.5 ⁷⁶	15 ⁵²	14.8 ⁵²	19.6 ²⁶	-17 ⁵²	-29 ⁵⁵	3.5 ⁵⁵	16.3 ⁵⁴	4.6 ³³	In Vitro		
Measurements	34(5.7%)			195 ⁽⁹³⁾	251 ⁽⁹²⁾	- ⁽⁻⁾	-	-	-	-	-	-					

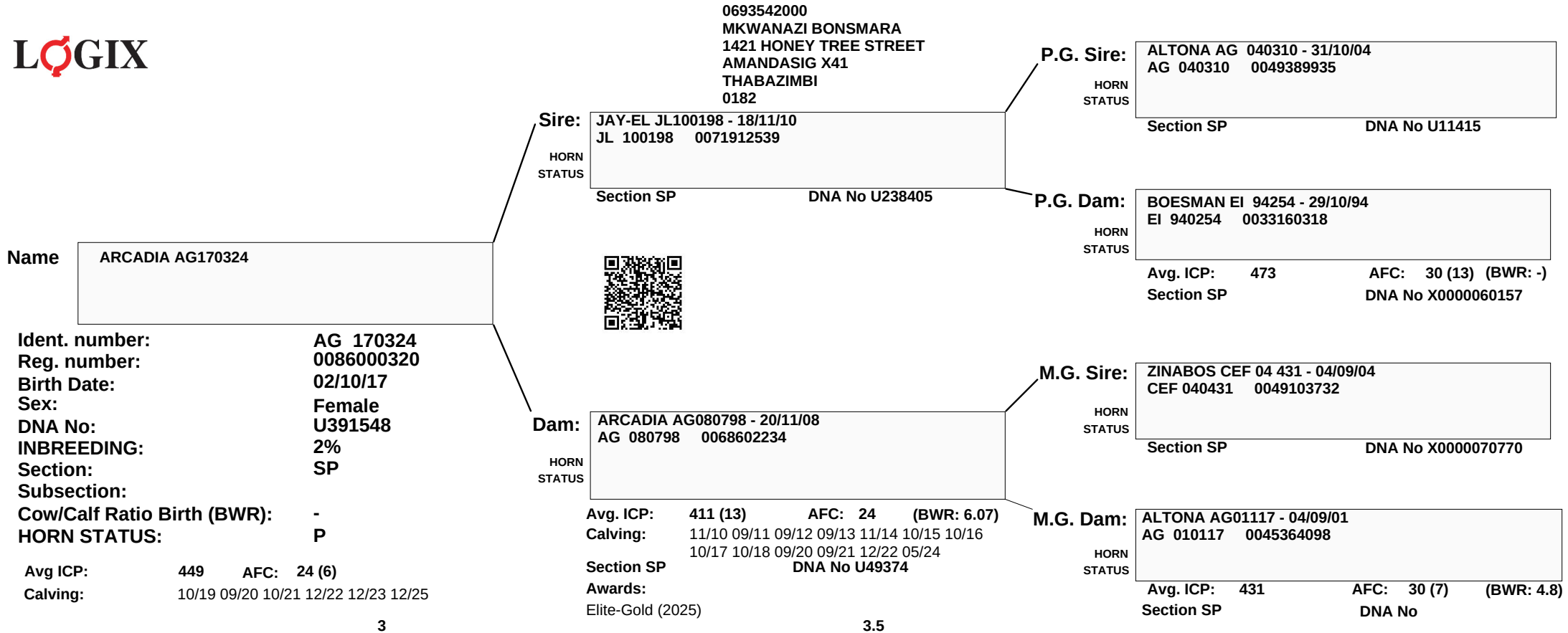


09/2026	CALVING EASE		MILK	CALF GRWTH	MAINTENANCE		GROWTH TEST					FERTILITY			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	★★★★		★★★	★★★★	★★★★							★★★★			★★★★	★★★	★★★★
Selection Value	119 ⁸¹		83 ⁷⁸	100 ⁷⁷	102 ⁷⁴							122 ⁵⁴					
EBV Index	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV	115	122	83	100	95	97	91	93	89	84	79	123	109	125	112 ⁶⁷	88 ⁴²	107 ⁶²
Measurements	-.56 ⁸²	-1.33 ⁷⁷	-1.5 ⁷⁸	15 ⁷⁷	20.1 ⁷⁰	18 ⁷⁴	46.8 ⁵¹	26.6 ⁵¹	18.9 ³⁰	-.6 ⁵²	-19.4 ⁵⁵	26.5 ⁵⁶	14.4 ⁵⁸	-5 ³⁷	In Vitro		
	29(4.5%)			206 ⁽¹⁰²⁾	264 ⁽¹⁰⁰⁾	- ⁽⁻⁾	-	-	-	-	-	-					

Three generation pedigree

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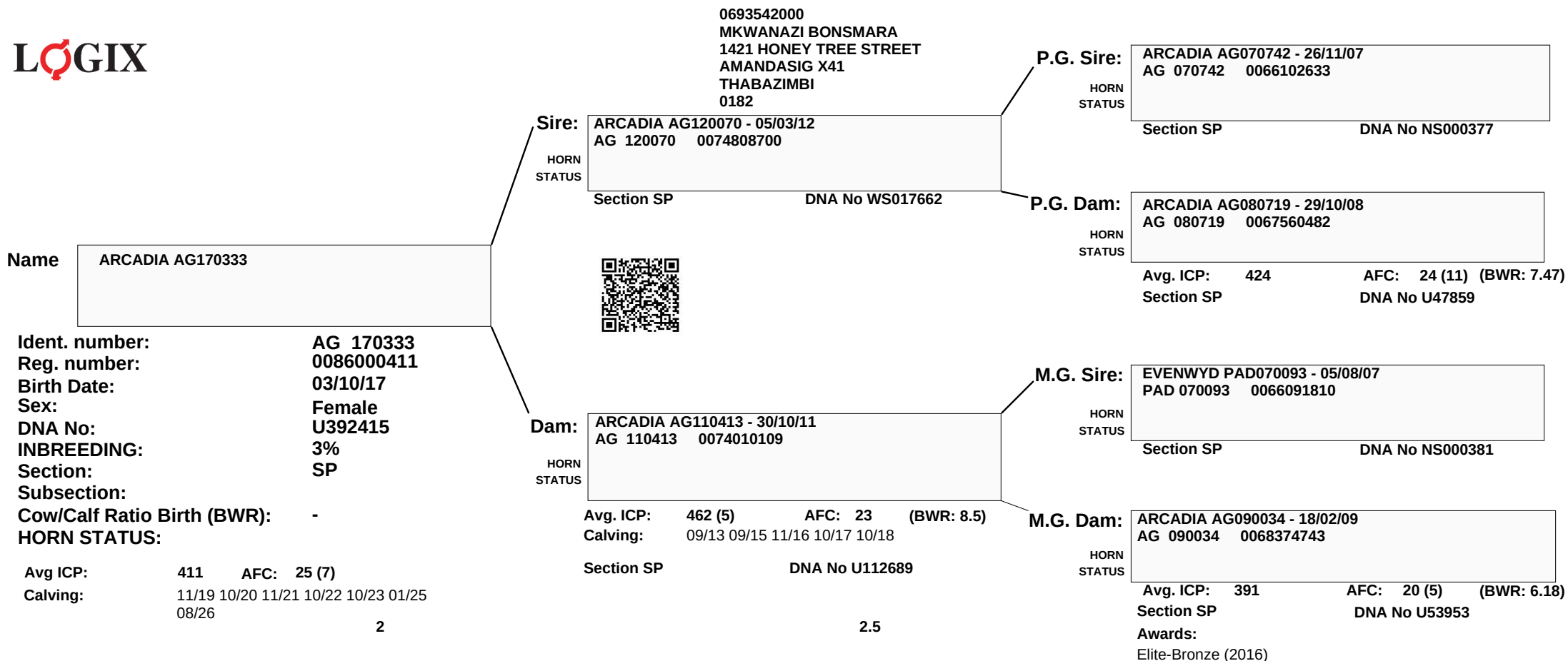


09/2026	CALVING EASE ★★★★		MILK ★★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★★			COW VALUE ★★★★	GROWTH VALUE ★★★★	PRODUCTION VALUE ★★★★
	102 ⁸⁰		106 ⁷⁴	100 ⁷⁵	101 ⁷⁶							100 ⁵⁵					
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	100	105	106	100	103	97	95	90	91	98	107	105	94	105	103 ⁶⁶	95 ⁴²	101 ⁶¹
EBV	0.94 ⁸¹	-.5 ⁷⁶	5.5 ⁷⁴	15 ⁷⁵	28 ⁷⁴	17.7 ⁷⁶	59.5 ⁵¹	19 ⁵¹	21.2 ³²	12.1 ⁵²	2.1 ⁵⁴	15.8 ⁵⁴	-5.7 ⁵⁸	-1.4 ³⁹	In Vitro		
Measurements	34			239 ⁽¹⁰⁹⁾	261 ⁽¹⁰⁵⁾	385 ⁽¹⁰⁶⁾	-	-	-	-	-	-					

Three generation pedigree

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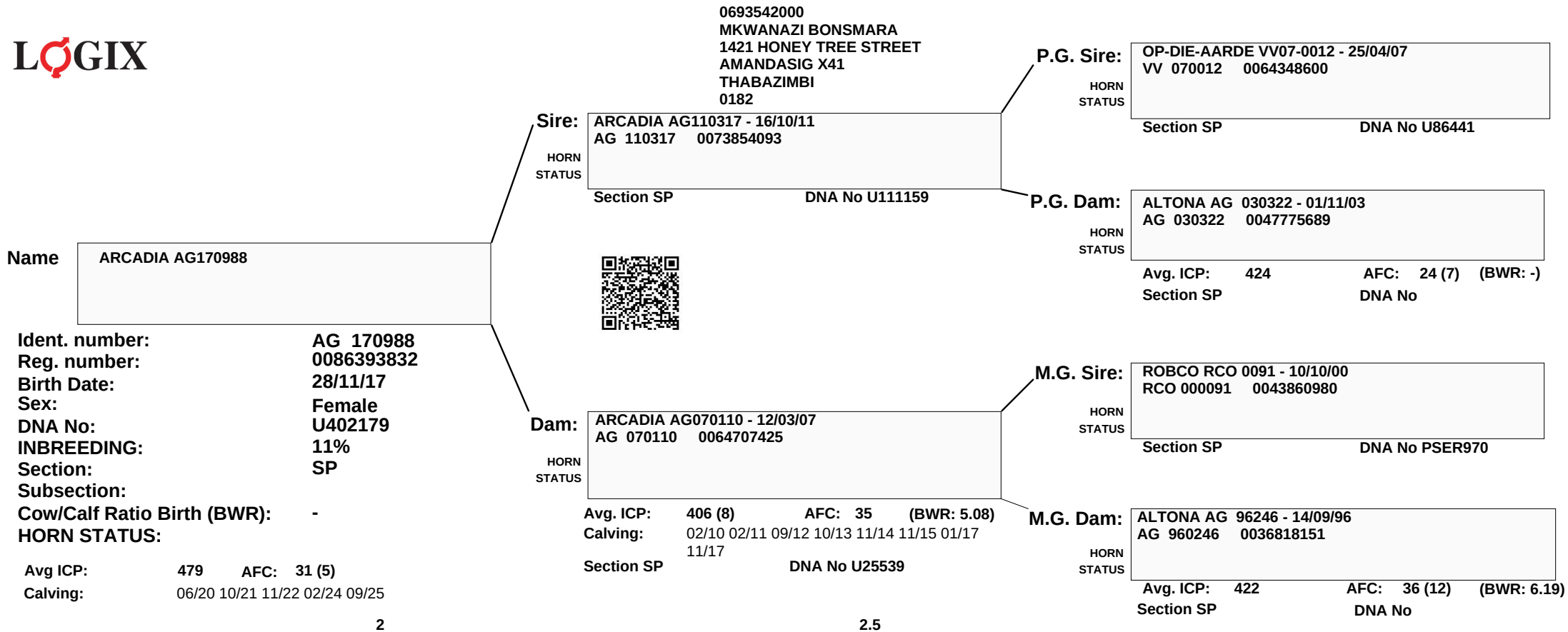


09/2026	CALVING EASE ★★★		MILK ★★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	98	80	105	74	98	75	105	76						85	52		
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP	92	66	87
EBV Index	94	113	105	98	96	93	78	77	76	78	83	97	98	80	92	66	87
EBV	1.64	81	-9	76	5.2	74	14	75	21	72	12.4	76	-3.2	49	-11.8	49	3.1
Measurements	33				239	(110)	268	(109)	379	(104)	-	-	-	-	-	-	-

Three generation pedigree

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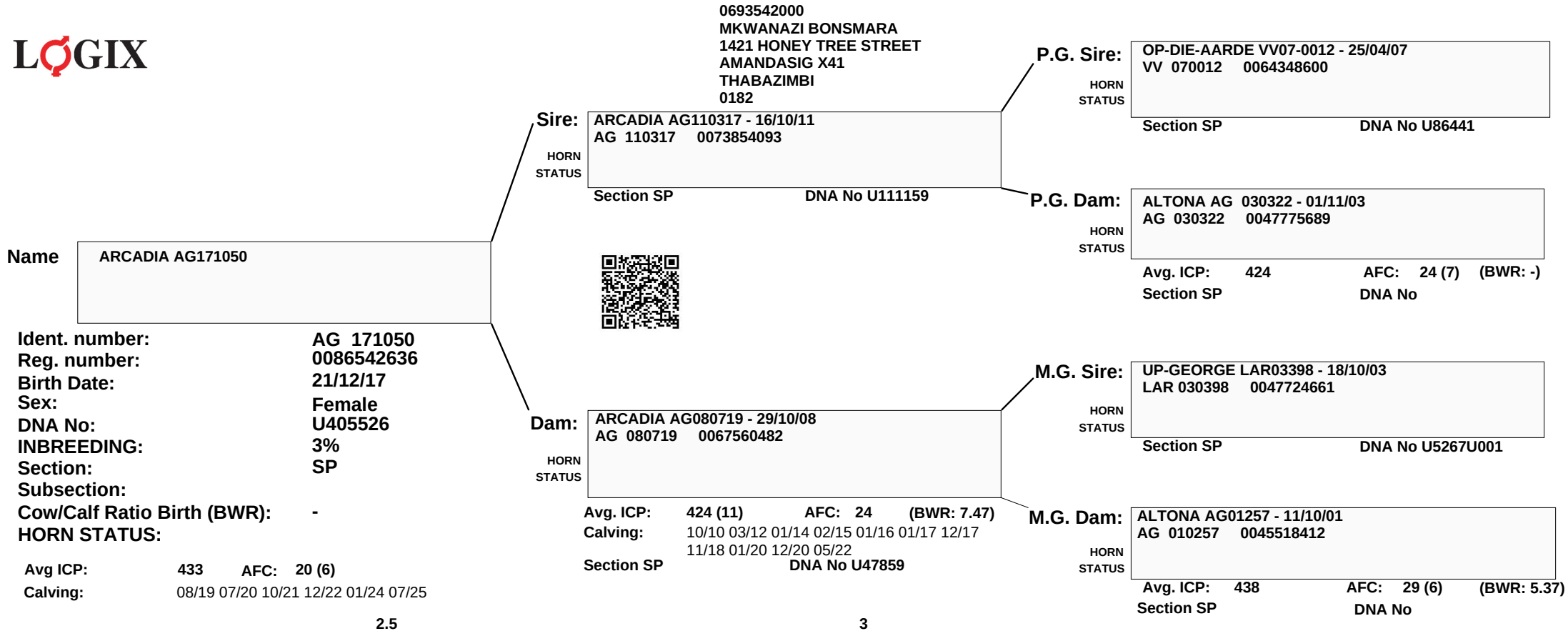


09/2026	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★★		GROWTH TEST					FERTILITY ★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
Selection Value	111 ⁷⁸		88 ⁷⁶	94 ⁷⁰	136 ⁷⁵							72 ⁵¹			★★★	★★	★★★
EBV Index	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV	113	142	88	94	91	70	80	89	87	73	73	98	77	77	89 ⁶⁴	72 ⁴¹	83 ⁵⁹
Measurements	-.34 ⁷⁹	-2.26 ⁷²	0 ⁷⁶	12 ⁷⁰	16.8 ⁶⁴	-22.5 ⁷⁵	3.9 ⁵⁰	18.1 ⁵⁰	15.7 ³⁰	-10.3 ⁵⁰	-24.8 ⁵³	11.5 ⁵⁴	3.9 ⁵²	3.5 ³⁶	In Vitro		
	33			299 ⁽¹⁰²⁾	247 ⁽⁹⁹⁾	339 ⁽⁹²⁾	-	-	-	-	-	-					

Three generation pedigree

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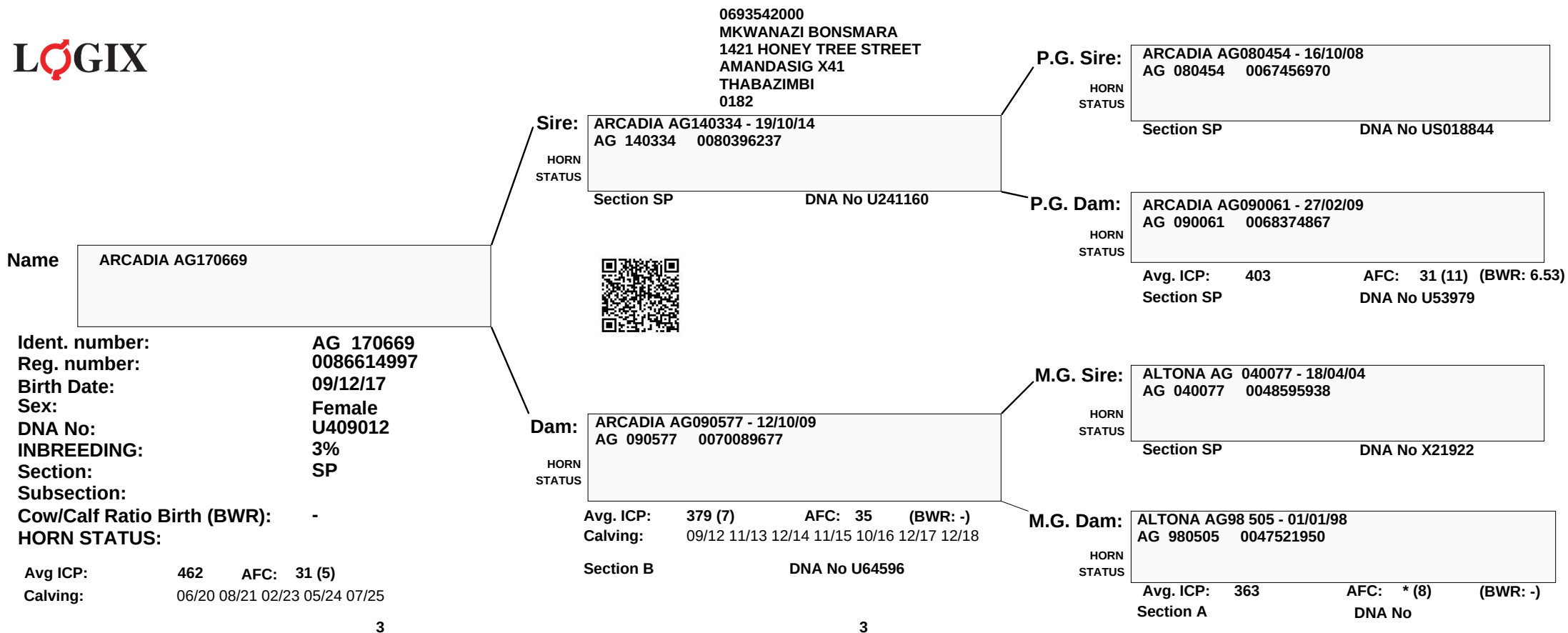


09/2026	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	111 ⁷⁹		96 ⁷⁸	91 ⁷⁷	133 ⁷⁷							86 ⁵⁶			★★★	★★★	★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	111	137	96	91	88	72	92	102	103	74	75	115	110	70	96 ⁶⁸	89 ⁴³	93 ⁶³
EBV	-.22 ⁸⁰	-2.02 ⁷⁵	2.4 ⁷⁸	10 ⁷⁷	14.4 ⁷⁵	-19.5 ⁷⁷	48.8 ⁵²	47.7 ⁵²	-40.8 ³¹	-9.8 ⁵³	-23.4 ⁵⁶	22 ⁵⁷	14.6 ⁵⁹	4.8 ⁴⁰	In Vitro		
Measurements	33			178 ⁽⁹²⁾	239 ⁽⁹⁵⁾	364 ⁽⁹⁸⁾	-	-	-	-	-	-					

Three generation pedigree

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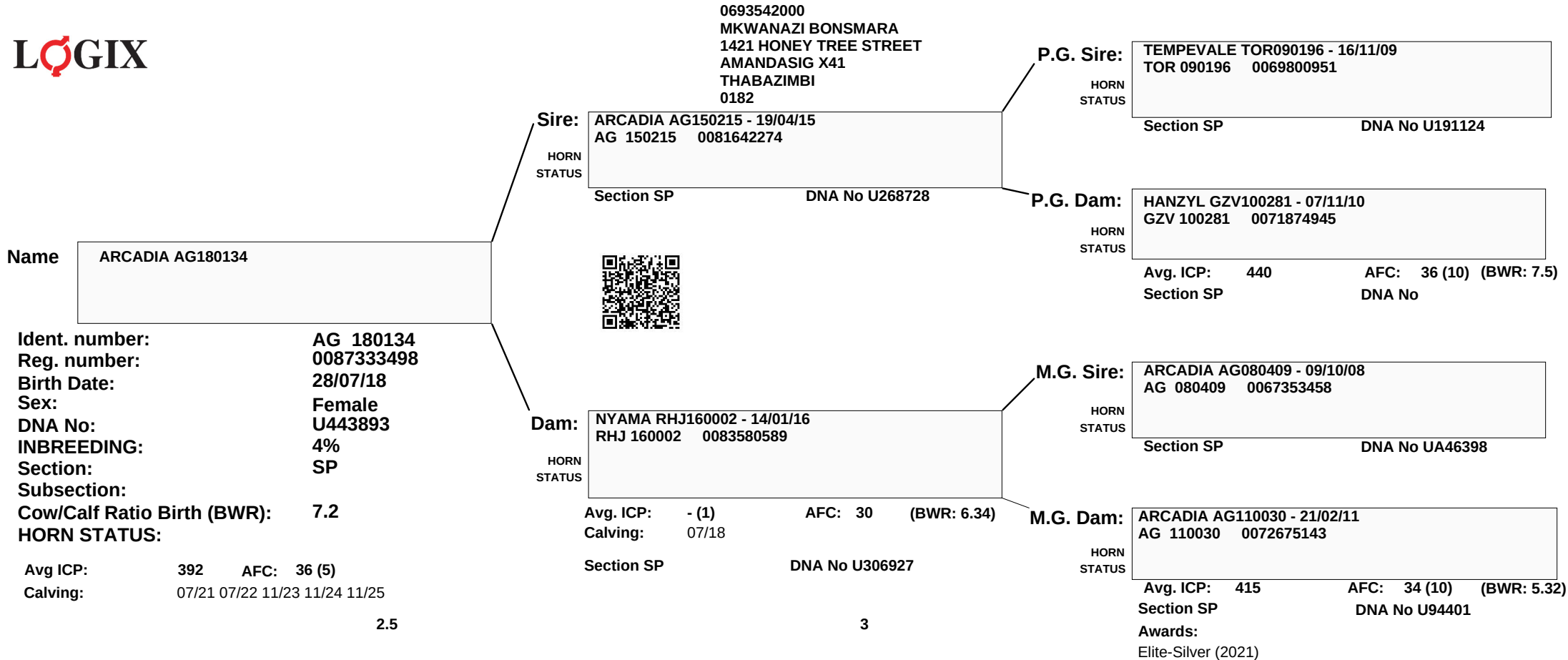


09/2026	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★★	MAINTENANCE ★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	111 75		89 69	106 72	74 70							96 ⁴⁴					
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP	★★★★	★★★★	★★★★
EBV Index	110	105	89	106	98	133	99	100	103	98	103	93	106	93	95 ₆₁	93 ₂₆	93 ₅₄
EBV	-.06 ₇₇	-.54 ₆₇	0.2 ₆₉	18.4 ₇₂	23.4 ₅₈	71.2 ₇₀	75.2 ₃₂	42.5 ₃₂	41.2 ₂₀	12 ₃₂	-8 ₃₄	8.4 ₃₅	12.5 ₄₁	0.7 ₂₉	In Vitro		
Measurements	30			204 ₍₁₁₇₎	223 ₍₁₀₇₎	- ₍₋₎	-	-	-	-	-	-					

Three generation pedigree

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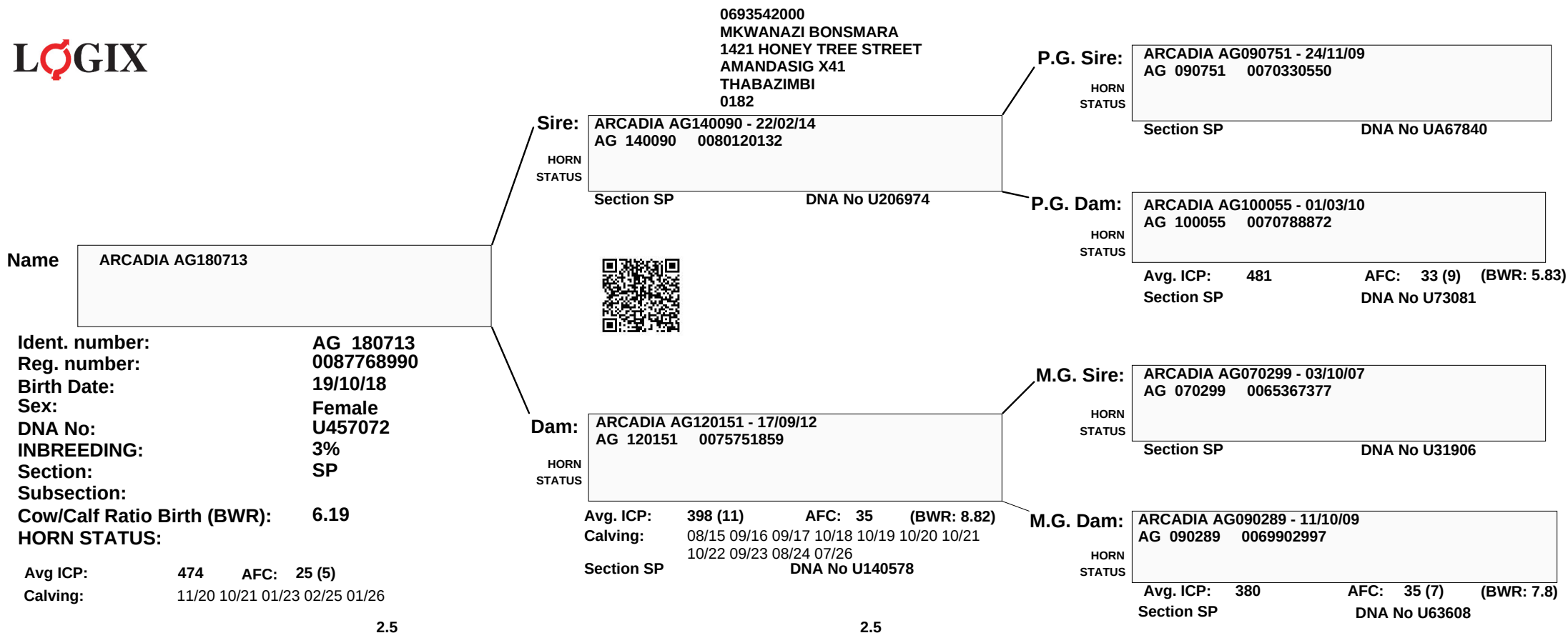


09/2026	CALVING EASE ★★★		MILK ★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	93 ⁷⁵		98 ⁷¹	101 ⁷³	123 ⁷¹							99 ⁴⁵			★★★★	★★★	★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	93	100	98	101	94	81	92	93	99	87	88	113	88	106	103 ⁶²	89 ³⁴	99 ⁵⁶
EBV	1.66 ⁷⁷	-.27 ⁶⁶	3.1 ⁷¹	15.7 ⁷³	19.2 ⁶⁴	-5.5 ⁷¹	48.6 ⁴⁷	27.3 ⁴⁷	35.4 ²⁰	2 ⁴⁷	-12.8 ⁵⁰	20.8 ⁵¹	-2.4 ⁴⁸	-1.7 ²⁷	In Vitro		
Measurements	27(7.2%)			256 ⁽¹⁰⁷⁾	229 ⁽⁹¹⁾	- (-)	-	-	-	-	-	-					

Three generation pedigree

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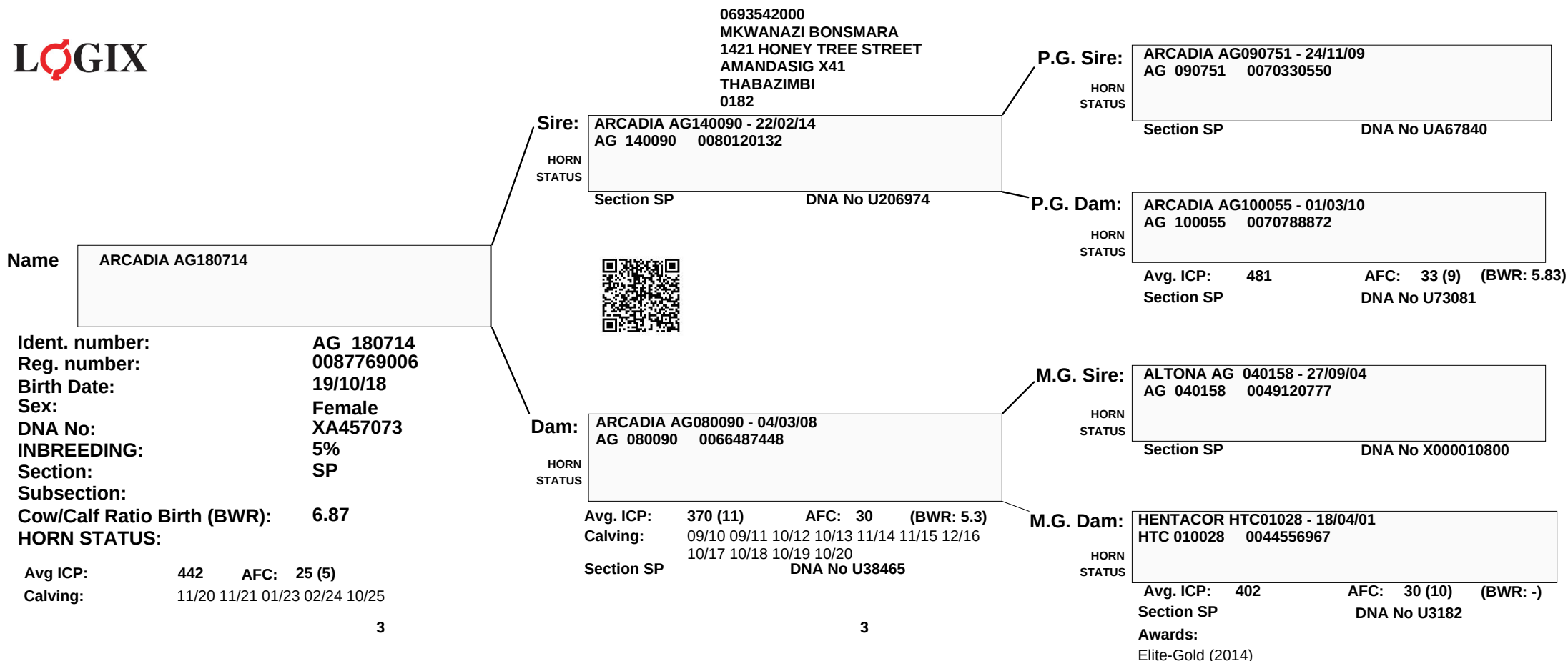


09/2026	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	109 ⁷⁶		91 ⁶⁸	99 ⁷³	105 ⁷²							74 ⁴⁷			★★★	★★★	★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	106	108	91	99	102	94	88	89	85	95	96	86	66	79	85 ⁶²	84 ³¹	82 ⁵⁶
EBV	0.33 ⁷⁸	-.68 ⁷⁰	1 ⁶⁸	14.5 ⁷³	26.9 ⁶⁶	13.6 ⁷²	35.1 ⁴⁰	17.4 ⁴⁰	11.6 ²⁰	8.8 ⁴⁰	-6.2 ⁴³	4.7 ⁴⁴	10.2 ⁵¹	3.1 ²⁸	In Vitro		
Measurements	30(6.2%)			219 ⁽¹⁰³⁾	244 ⁽¹¹⁰⁾	- ⁽⁻⁾	-	-	-	-	-	-					

Three generation pedigree

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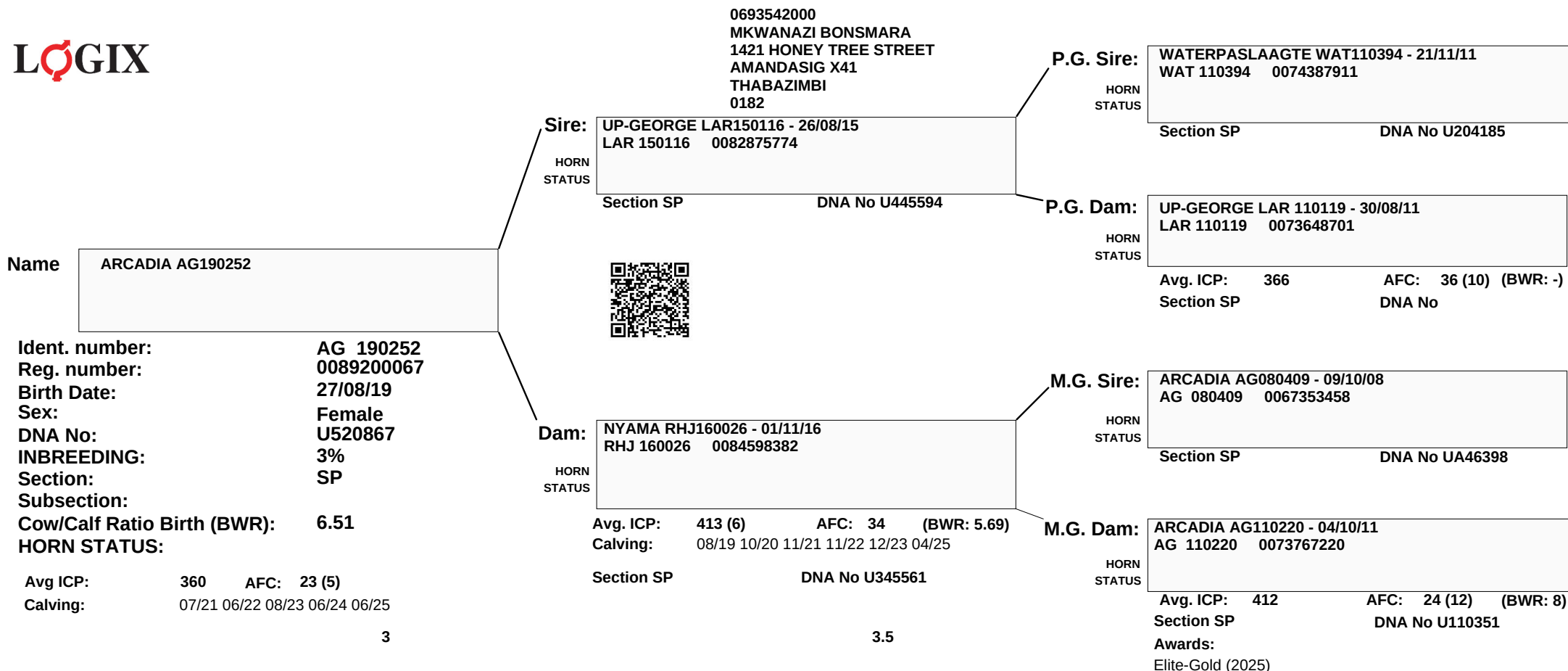


09/2026	CALVING EASE ★★★		MILK ★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	93 78		99 68	106 66	104 72							79 45			★★★	★★★	★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	92	101	99	106	109	95	97	94	95	101	103	86	80	83	91 60	94 35	90 55
EBV	1.79 80	-.34 71	3.4 68	18.1 66	33.1 62	14.3 72	66.1 44	27.6 44	28.2 24	14.9 44	-1.1 47	4.3 48	2.6 44	2.4 28	In Vitro		
Measurements	34(6.9%)			244 (101)	217 (94)	- (-)	-	-	-	-	-	-					

Three generation pedigree

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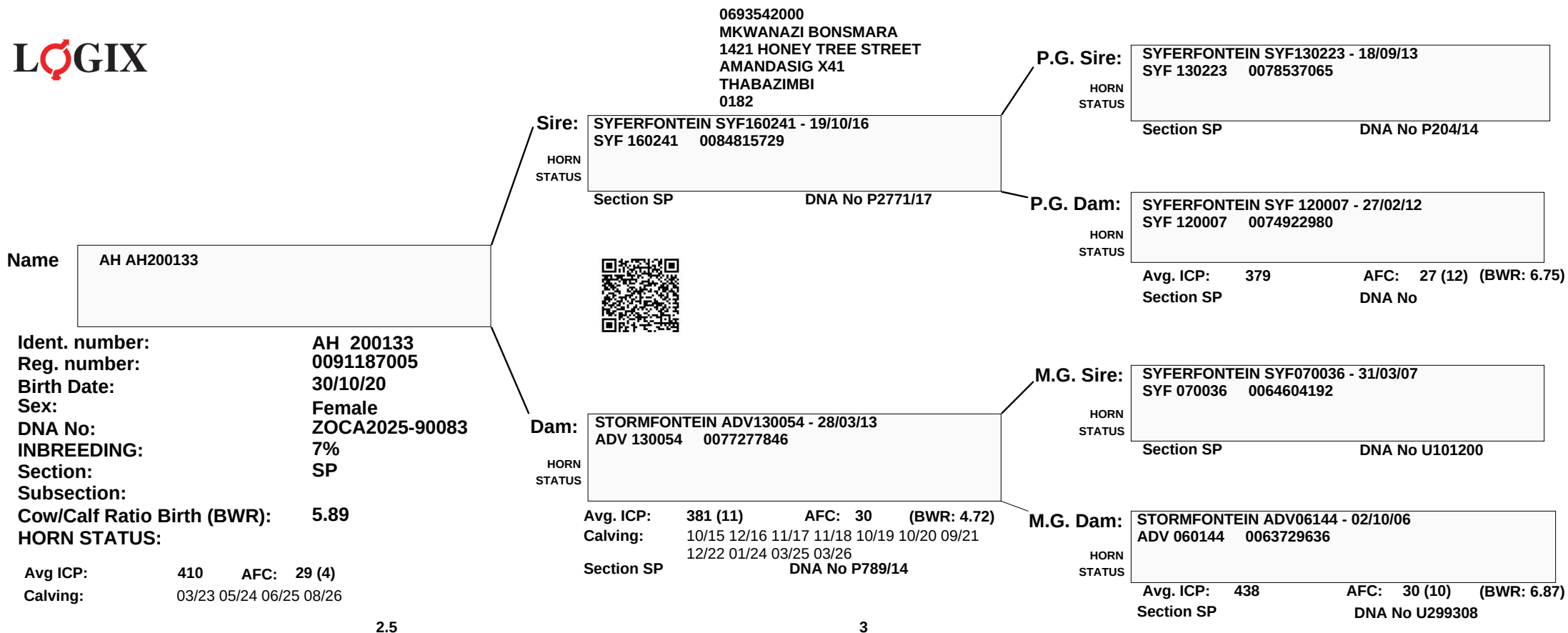


09/2026	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	113 ⁷⁵		86 ⁷⁵	99 ⁷⁵	117 ⁷²							103 ⁴⁸			★★★★	★★★	★★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	116	90	86	99	96	85	94	97	93	90	90	97	113	96	105 ⁶⁴	92 ³⁵	102 ⁵⁸
EBV	-.67 ⁷⁷	0.21 ⁶⁷	-.5 ⁷⁵	14.5 ⁷⁵	21.6 ⁶⁴	0.1 ⁷²	56.1 ⁴⁴	36.6 ⁴⁴	24.5 ²³	4.3 ⁴⁵	-11.4 ⁴⁸	11.2 ⁴⁹	16.6 ⁵³	0.2 ³²	In Vitro		
Measurements	28(6.5%)			235 ⁽¹⁰¹⁾	260 ⁽¹⁰¹⁾	- ⁽⁻⁾	-	-	-	-	-	-					

Three generation pedigree

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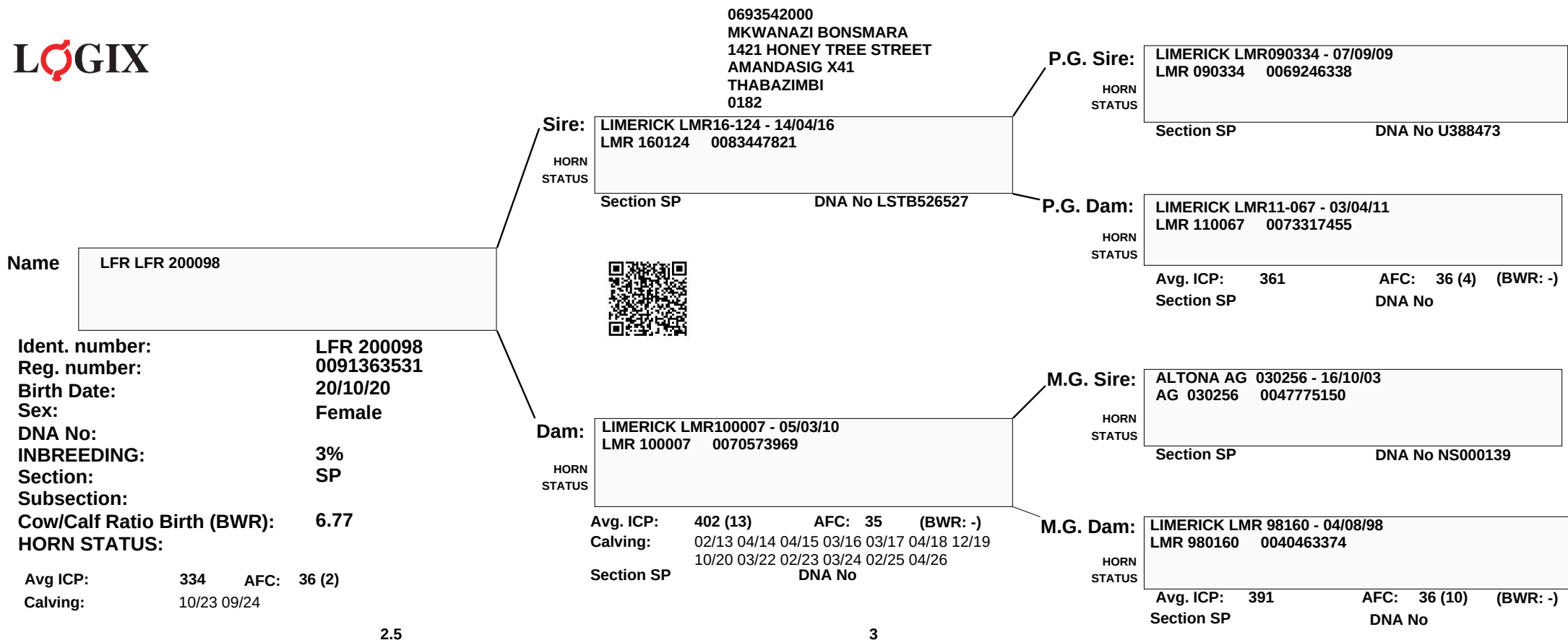


09/2026	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	104 ⁷⁸		88 ⁷⁵	99 ⁷⁶	107 ⁷⁵							105 ⁵¹			★★★	★★★	★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	105	96	88	99	101	92	92	97	85	83	86	101	108	101	99 ⁶⁶	89 ⁴⁰	96 ⁶¹
EBV	0.42 ⁷⁹	-.11 ⁷²	-.1 ⁷⁵	14.5 ⁷⁶	26.1 ⁷⁰	9.8 ⁷⁵	50.4 ⁵⁸	36.2 ⁵⁸	11.5 ²⁰	-1.5 ⁵⁸	-13.9 ⁶¹	13.3 ⁶²	13.6 ⁵⁸	-.7 ³⁴	In Vitro		
Measurements	35(5.9%)			229 ⁽¹⁰⁷⁾	358 ⁽¹¹⁵⁾	- ⁽⁻⁾	-	-	-	-	-	-					

Three generation pedigree

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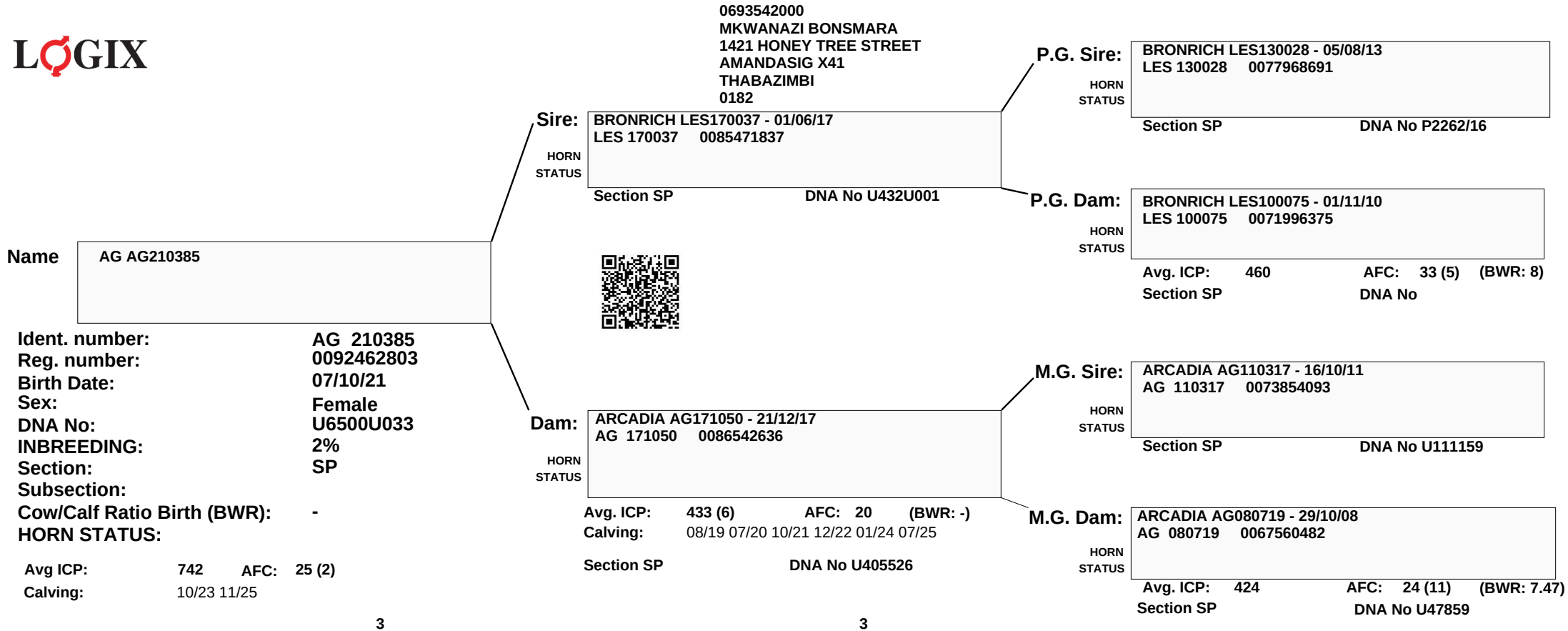


09/2026	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★★		GROWTH TEST					FERTILITY ★★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	110 ⁷⁶		92 ⁶⁶	87 ⁷³	121 ⁷⁰							107 ⁴⁹			★★★	★★★	★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	110	100	92	87	86	83	88	95	80	79	82	85	107	106	97 ⁶²	84 ⁴³	93 ⁵⁸
EBV	-1 ⁷⁸	-26 ⁶⁶	1.2 ⁶⁶	8.2 ⁷³	12.5 ⁶⁶	-3.2 ⁷⁰	34.4 ⁵⁷	32 ⁵⁷	-4.4 ²⁷	-5.1 ⁵⁸	-17.5 ⁶⁰	3.8 ⁶¹	-13.4 ⁵³	-1.7 ³²	In Vitro		
Measurements	35(6.8%)			238 ⁽¹⁰⁰⁾	217 ⁽⁹³⁾	- ⁽⁻⁾	-	-	-	-	-	-					

Three generation pedigree

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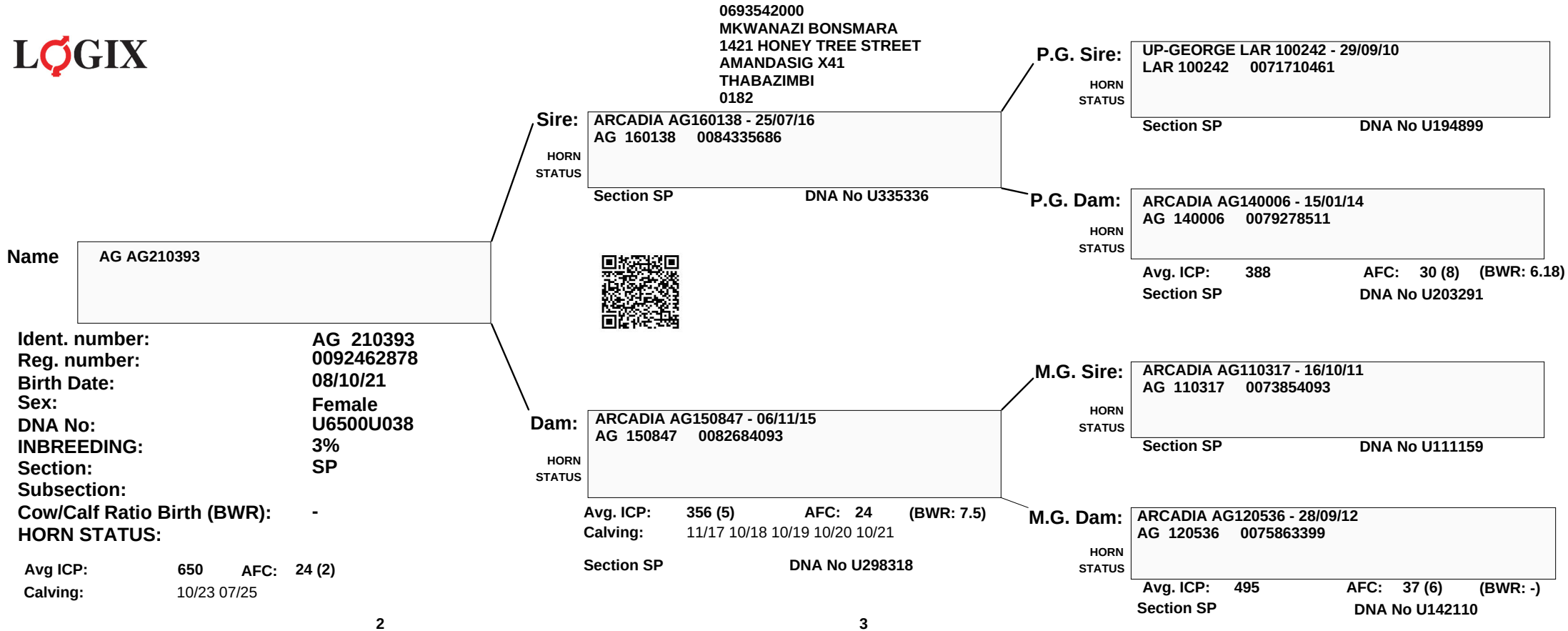


09/2026	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	105 ⁷¹		93 ⁵⁷	100 ⁶⁸	127 ⁶⁷							86 ³⁷			★★★	★★★	★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	101	123	93	100	96	78	101	106	105	89	89	118	98	82	99 ⁵⁶	97 ³¹	98 ⁵¹
EBV	0.87 ⁷⁵	-1.39 ⁵⁷	1.5 ⁵⁷	15 ⁶⁸	21.6 ⁵⁹	-10.5 ⁶⁷	81.9 ⁴²	57.6 ⁴²	-45.3 ¹⁷	4.1 ⁴³	-11.8 ⁴⁷	23.6 ⁴⁸	-7.8 ³⁵	2.6 ²³	In Vitro		
Measurements	29			218 ⁽¹⁰²⁾	279 ⁽¹⁰⁰⁾	- (-)	-	-	-	-	-	-					

Three generation pedigree

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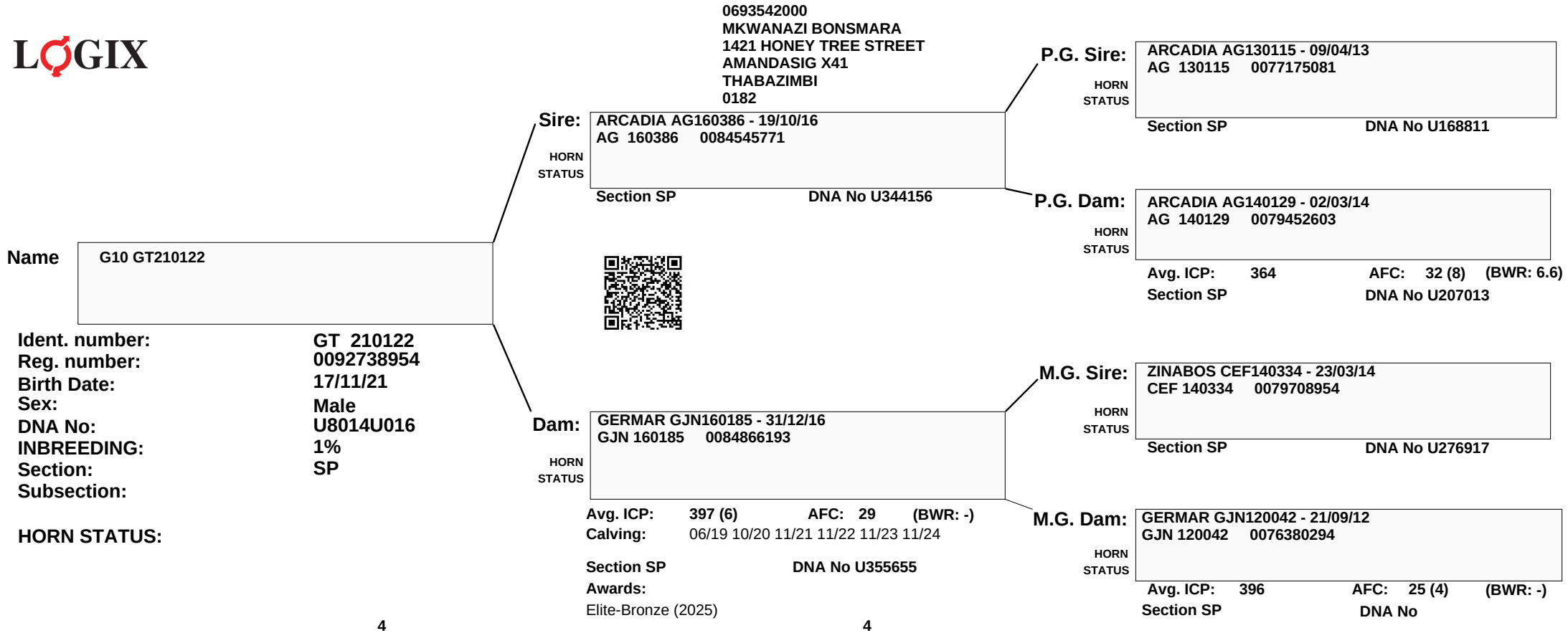


09/2026	CALVING EASE ★★★★		MILK ★★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	115 ⁷³		100 ⁵⁴	88 ⁶⁰	128 ⁵²							90 ⁴¹			★★★	★★	★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	114	103	100	88	85	77	78	83	85	70	68	104	97	83	97 ⁵²	76 ³⁴	91 ⁴⁸
EBV	-5 ⁷⁶	-41 ⁶¹	3.8 ⁵⁴	8.3 ⁶⁰	11.5 ⁵⁶	12.3 ⁵²	-4.2 ⁴⁴	2.3 ⁴⁴	11.8 ²¹	-12.6 ⁴⁴	-28.9 ⁴⁸	15.2 ⁴⁹	-7.2 ⁴²	2.5 ²⁴	In Vitro		
Measurements	29			239 ⁽¹⁰⁰⁾	361 ⁽¹³³⁾	- ⁽⁻⁾	-	-	-	-	-	-					

Three generation pedigree

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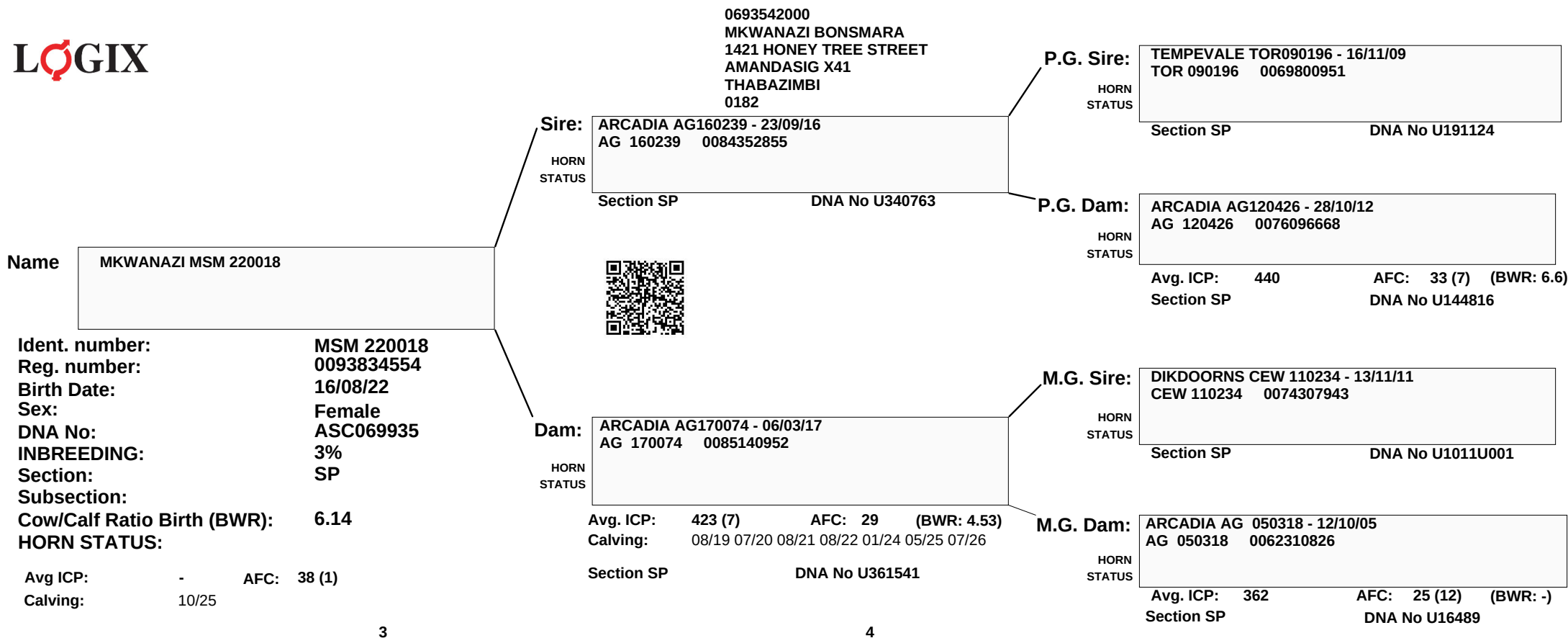


09/2026	CALVING EASE ★★★★		MILK ★★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	113 ⁸⁰		111 ⁵⁶	104 ⁸⁰	101 ⁵³							93 ⁴⁰			★★★★	★★★★	★★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	112	107	111	104	104	96	110	108	106	107	104	107	87	92	113 ⁶⁰	111 ³²	113 ⁵⁴
EBV	-.23 ⁸⁷	-.59 ⁵⁴	7 ⁵⁶	17.3 ⁸⁰	28.4 ⁷⁰	16.7 ⁵³	118.1 ³⁸	60.8 ³⁸	-46.5 ²⁴	19.5 ³⁹	0.1 ⁴²	16.9 ⁴³	-1.8 ⁴⁰	0.9 ²³			
Measurements	33(7.1%)			198 ⁽⁹⁵⁾	257 ⁽⁹³⁾	359 ⁽¹⁰⁰⁾	-	-	-	-	-	-					

Three generation pedigree

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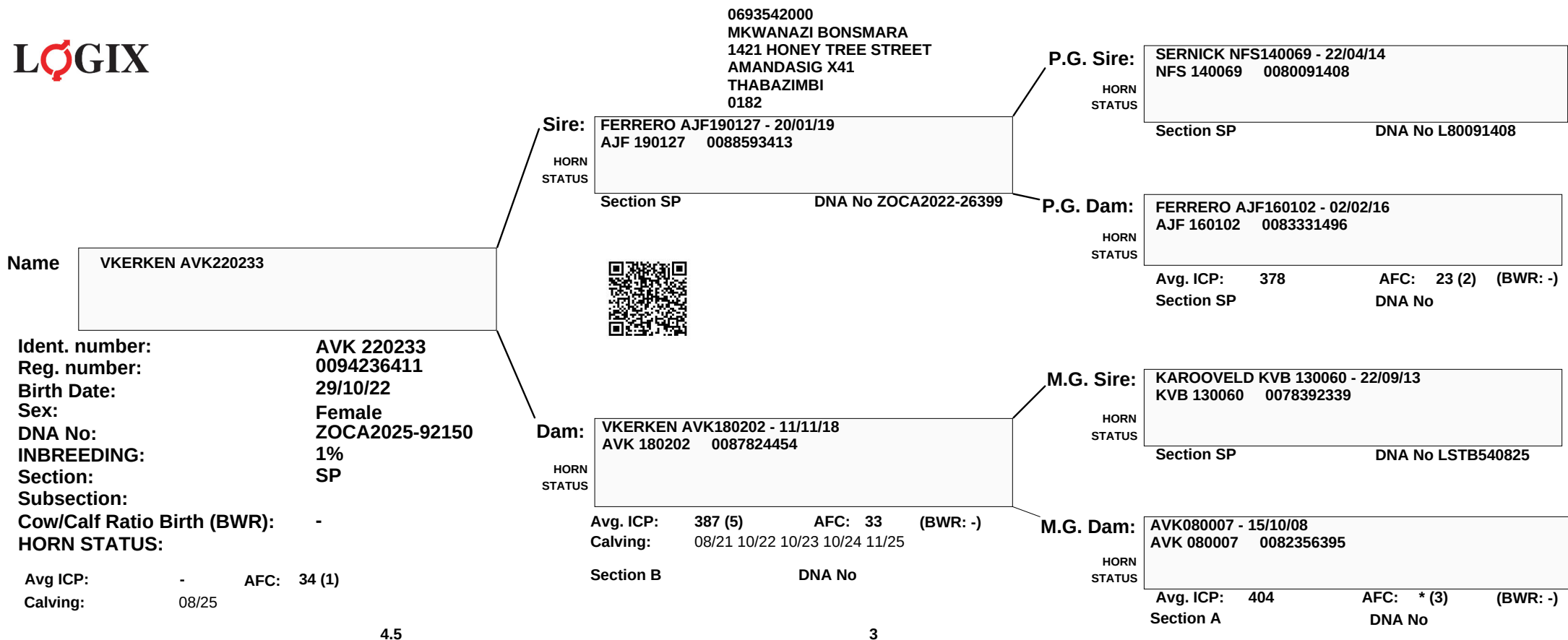


09/2026	CALVING EASE ★★★★		MILK ★★	CALF GRWTH ★★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	107 ⁸⁹		78 ⁸⁸	106 ⁸⁹	118 ⁸⁸							119 ⁸⁶			★★★★	★★★	★★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	104	108	78	106	100	85	101	107	94	82	67	140	104	117	113 ⁸¹	94 ⁸⁵	110 ⁸²
EBV	0.51 ⁹⁰	-.65 ⁸⁷	-3.1 ⁸⁸	18 ⁸⁹	24.9 ⁸⁸	0 ⁸⁸	82.9 ⁸⁶	59.7 ⁸⁶	26.8 ⁸⁴	-2.2 ⁸⁶	-29.7 ⁸⁷	36.9 ⁸⁷	11.5 ⁸⁶	-3.6 ⁸⁴	In Vitro		
Measurements	31(6.1%)			157 ⁽⁹⁹⁾	- ⁽⁻⁾	- ⁽⁻⁾	-	-	-	-	-	-					

Three generation pedigree

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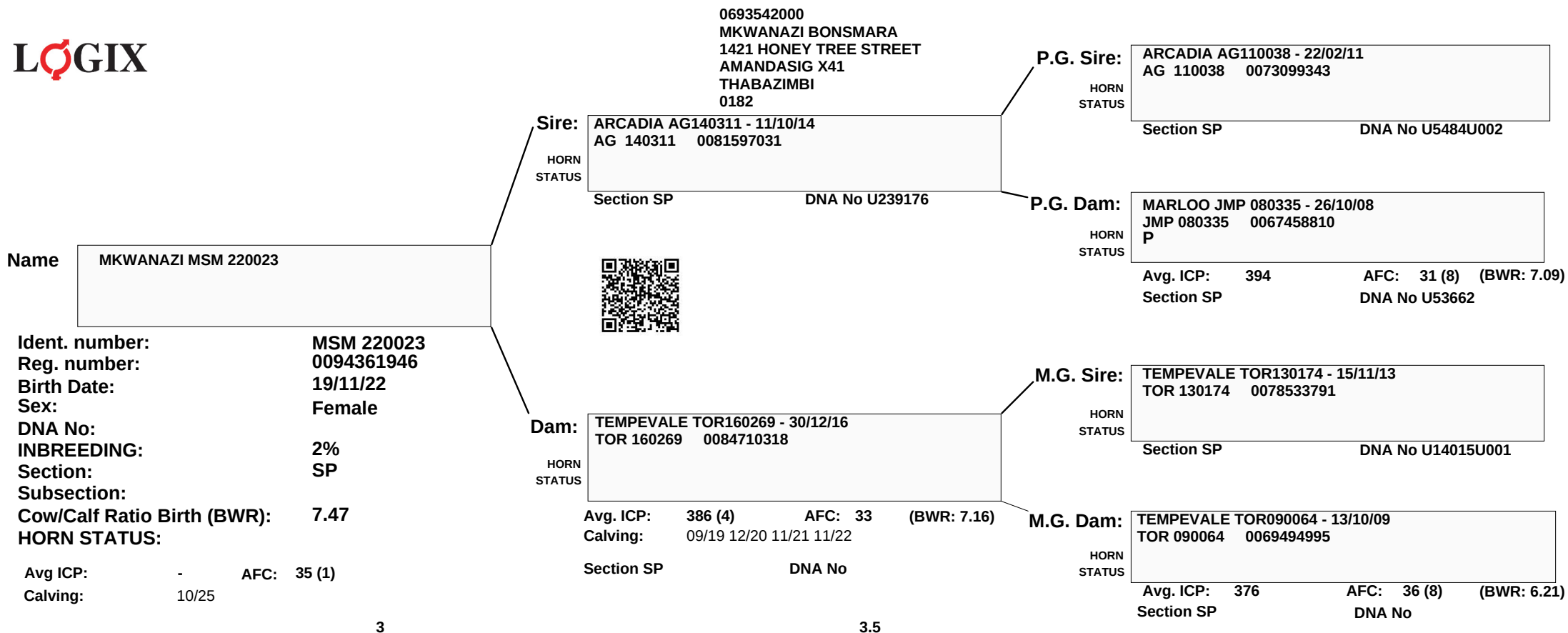


09/2026	CALVING EASE ★★		MILK ★★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
Selection Value	76 70		116 60	108 70	90 68							81 ³⁴					
	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP	★★★	★★★★	★★★
EBV Index	64	89	116	108	111	109	118	116	110	114	113	102	76	93	89 ₅₆	120 ₃₅	95 ₅₂
EBV	4.77 ₇₄	0.23 ₅₃	8.7 ₆₀	19.2 ₇₀	34.9 ₆₇	36 ₆₈	149 ₄₅	79.2 ₄₅	52.9 ₂₂	25.9 ₄₅	7.1 ₅₀	14.2 ₅₁	4.6 ₃₅	0.7 ₁₉	In Vitro		
Measurements	41			251 ₍₁₁₃₎	281 ₍₁₀₇₎	392 ₍₁₀₉₎	-	-	-	-	-	-					

Three generation pedigree

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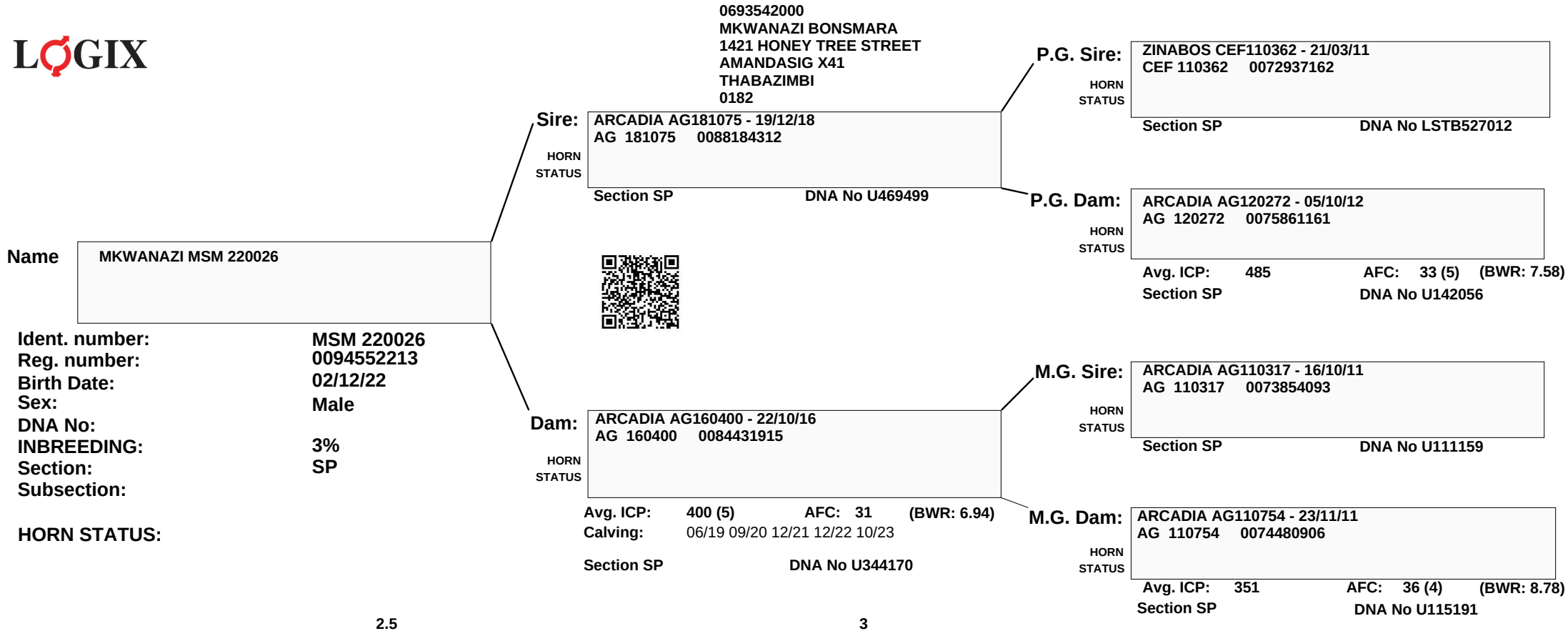


09/2026	CALVING EASE ★★★★		MILK ★★★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	102 ⁷¹		120 ⁶¹	94 ⁷⁰	129 ⁷⁰							94 ³⁹			★★★★	★★★	★★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	103	95	120	94	95	75	95	95	95	99	94	90	96	96	110 ⁵⁸	91 ³⁴	106 ⁵³
EBV	0.64 ⁷⁵	-0.07 ⁵⁷	9.9 ⁶¹	11.6 ⁷⁰	20.6 ⁶³	-14.7 ⁷⁰	61.8 ⁴¹	30.2 ⁴¹	-28.5 ²⁵	12.3 ⁴¹	-8 ⁴⁴	6.6 ⁴⁵	-6.5 ³⁷	0.1 ²⁴	In Vitro		
Measurements	33(7.5%)			192 ⁽⁹⁹⁾	- ⁽⁻⁾	283 ⁽¹⁰⁹⁾	-	-	-	-	-	-					

Three generation pedigree

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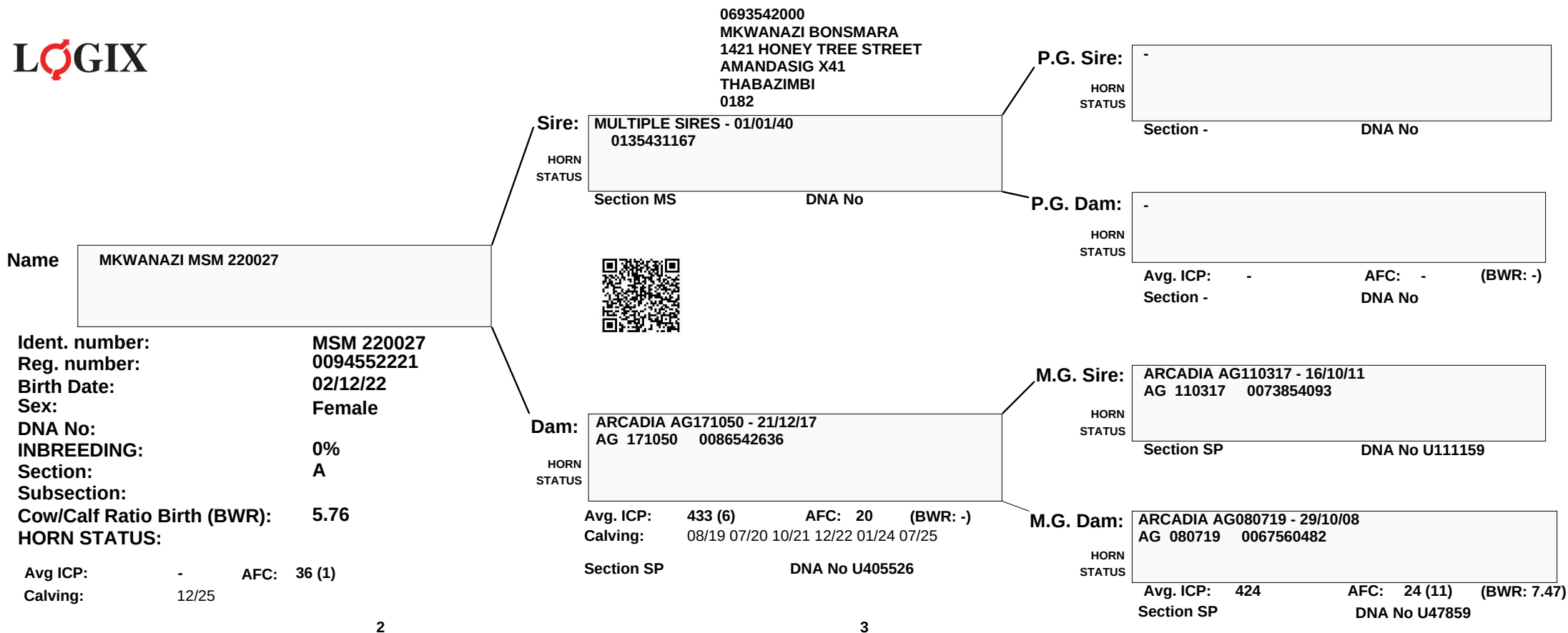


09/2026	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	104 68		92 47	95 55	130 47							92 37			★★★	★★★	★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	101	111	92	95	92	75	85	88	89	75	74	98	99	82	98 48	84 42	93 47
EBV	0.91 73	-.79 47	1.3 47	12.5 55	18.3 61	-14 47	22.6 54	15.5 54	17.9 24	-8.1 56	-23.4 65	11.4 68	-8.5 37	2.7 24			
Measurements	34(5.9%)			176 (100)	323 (100)	350 (100)	91	18.15	-	1308	1056	347					

Three generation pedigree

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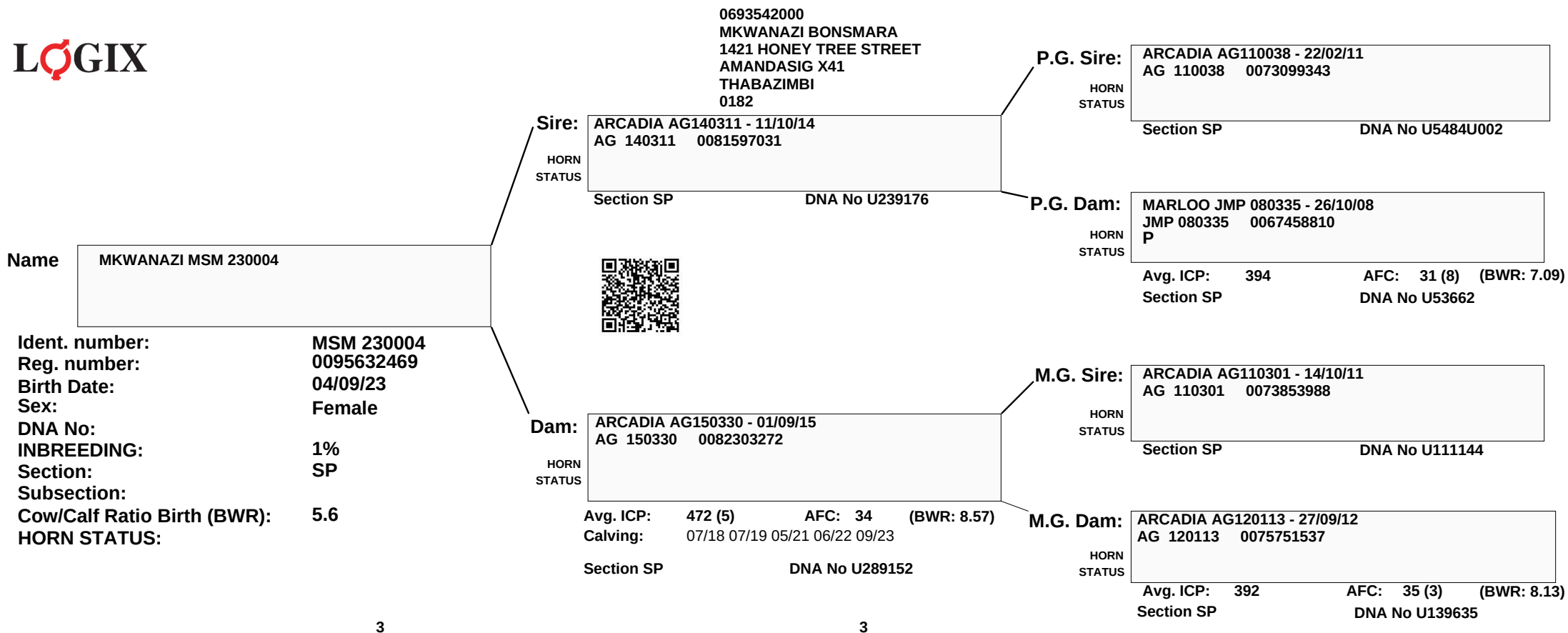


09/2026	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★★		GROWTH TEST					FERTILITY ★★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	113 ⁶⁴		94 ⁴⁰	87 ⁵⁹	121 ³⁸							102 ³⁰			★★★	★★	★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	110	128	94	87	82	83	82	88	81	79	83	100	110	103	97 ⁴⁵	77 ²²	91 ⁴⁰
EBV	-.12 ⁶⁸	-1.61 ⁴⁷	1.8 ⁴⁰	8.1 ⁵⁹	9.1 ⁴⁹	-3.5 ³⁸	10.3 ²⁶	14.5 ²⁶	-5.1 ¹⁶	-5.1 ²⁶	-16.9 ²⁸	12.5 ²⁸	-14.9 ³⁰	-1.1 ²⁰	In Vitro		
Measurements	32(5.8%)			205 ⁽¹⁰⁷⁾	- ⁽⁻⁾	243 ⁽⁹²⁾	-	-	-	-	-	-					

Three generation pedigree

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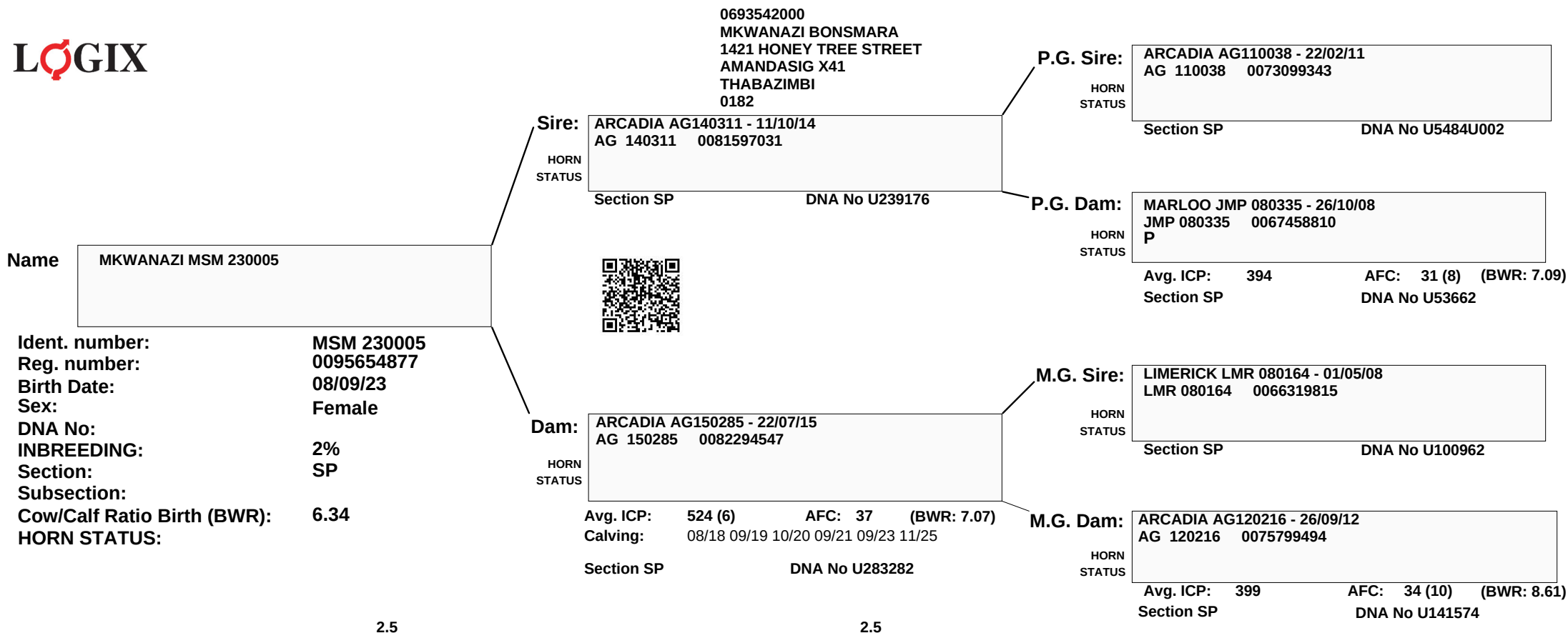


09/2026	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	109 ⁶⁹		94 ⁵³	97 ⁵⁸	107 ⁵³							87 ³⁸			★★★	★★★	★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	109	101	94	97	96	92	100	102	101	97	96	104	92	93	93 ⁵⁰	96 ³¹	92 ⁴⁶
EBV	0.05 ⁷³	-.33 ⁵²	2 ⁵³	13.4 ⁵⁸	21.1 ⁵⁴	9.8 ⁵³	80.4 ³⁷	48 ³⁷	37.7 ²³	10.8 ³⁸	-6.5 ⁴¹	15.1 ⁴²	-4.5 ³⁶	0.7 ²¹	In Vitro		
Measurements	32(5.6%)			119 ⁽¹⁰⁰⁾	- ⁽⁻⁾	252 ⁽¹⁰²⁾	-	-	-	-	-	-					

Three generation pedigree

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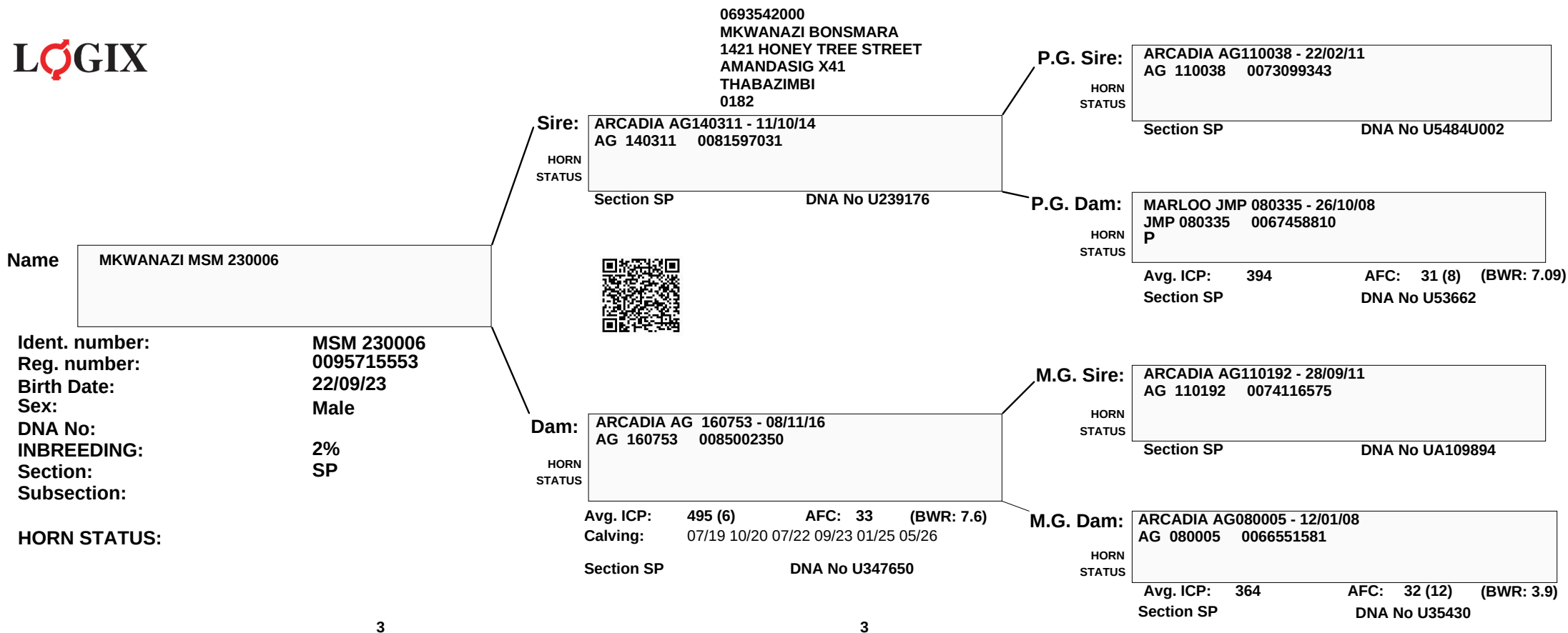


09/2026	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★★		GROWTH TEST					FERTILITY ★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	108 70		94 56	89 69	123 53							79 38			★★★	★★★	★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	109	96	94	89	88	81	86	87	84	88	87	86	82	90	84 54	83 32	81 50
EBV	0.07 74	-.1 53	1.8 56	8.8 69	14 61	-5 53	27.5 37	12.3 37	-9.7 24	3.1 38	-13.5 41	4.6 42	1.4 35	1.3 22	In Vitro		
Measurements	32(6.3%)			168 (98)	- (-)	239 (96)	-	-	-	-	-	-					

Three generation pedigree

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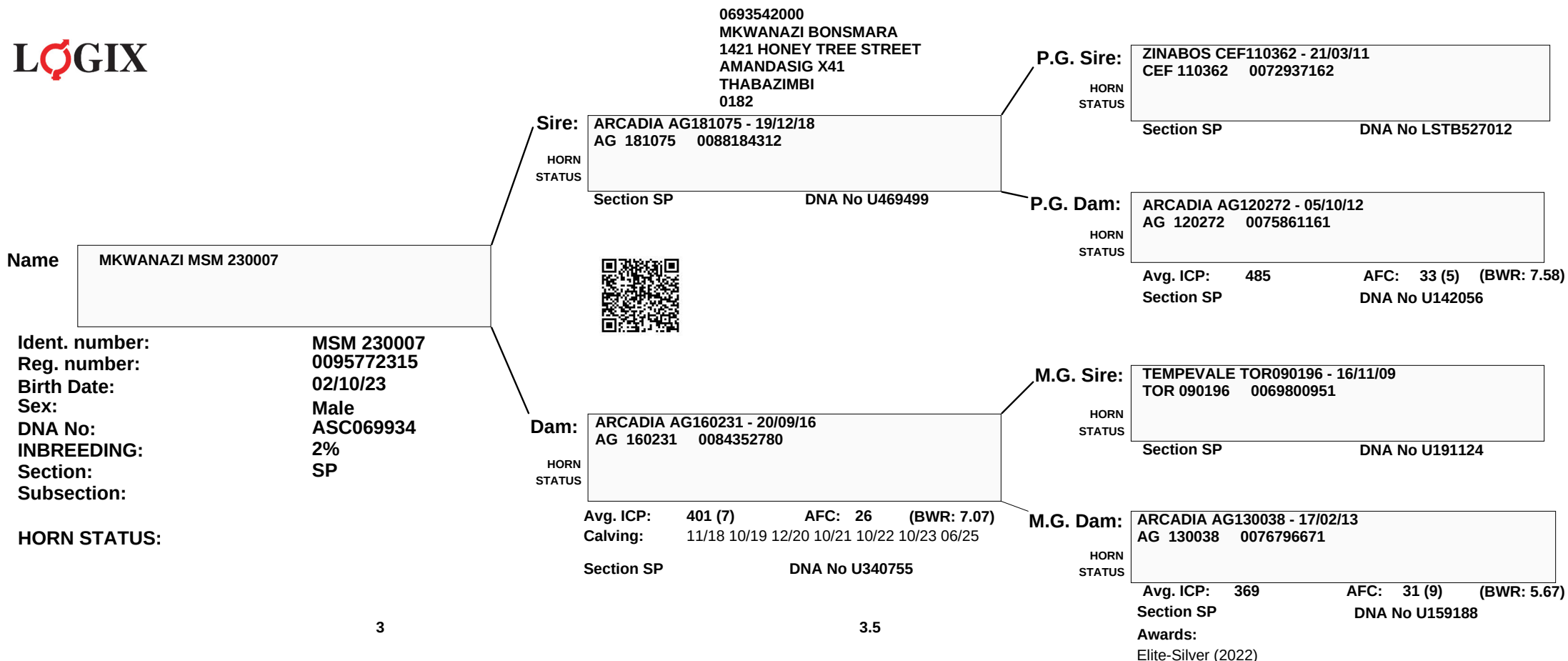


09/2026	CALVING EASE ★★★		MILK ★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	96 ⁷⁰		93 ⁵⁴	101 ⁵⁹	109 ⁵⁴							96 ³⁹			★★★	★★★	★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	99	90	93	101	100	90	109	115	97	99	93	104	102	90	94 ⁵¹	99 ⁶⁰	94 ⁵³
EBV	1.1 ⁷⁴	0.17 ⁵³	1.5 ⁵⁴	15.2 ⁵⁹	25.3 ⁶⁴	6.8 ⁵⁴	114.3 ⁵⁶	77.5 ⁵⁶	31.2 ⁵⁸	12.6 ⁵⁷	-8.4 ⁶⁷	14.9 ⁷⁰	-9.9 ³⁷	1.3 ²³			
Measurements	37(6.4%)			192 ⁽⁹⁸⁾	- ⁽⁻⁾	356 ⁽¹⁰⁰⁾	119	18.85	7.19	1379	1113	336					

Three generation pedigree

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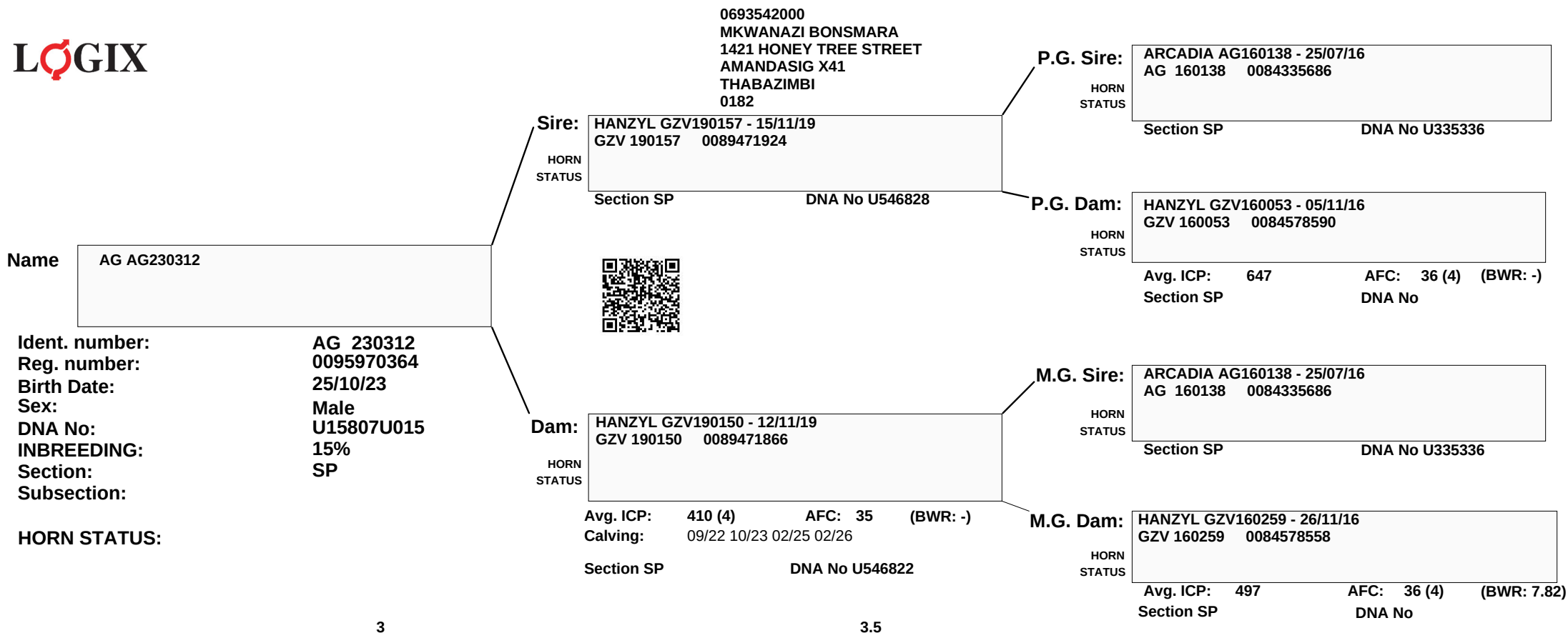


09/2026	CALVING EASE ★★★		MILK ★★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★★★		GROWTH TEST					FERTILITY ★★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	96 ⁸⁸		109 ⁸⁶	100 ⁸⁶	124 ⁸⁵							100 ⁸⁴			★★★★	★★★	★★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	99	92	109	100	98	80	93	91	104	85	91	113	94	94	110 ⁷⁹	96 ⁸⁶	107 ⁸⁰
EBV	1.12 ⁸⁹	0.11 ⁸⁵	6.5 ⁸⁶	14.9 ⁸⁶	23.1 ⁸⁷	-7.4 ⁸⁵	52.7 ⁸⁶	21.7 ⁸⁶	-43.2 ⁸⁵	0.2 ⁸⁶	-10.5 ⁸⁷	20.5 ⁸⁸	-5.8 ⁸⁴	0.6 ⁸³			
Measurements	32(7.4%)			192 ⁽¹⁰²⁾	- ⁽⁻⁾	384 ⁽¹⁰⁰⁾	95	17.28	6.55	1296	1069	320					

Three generation pedigree

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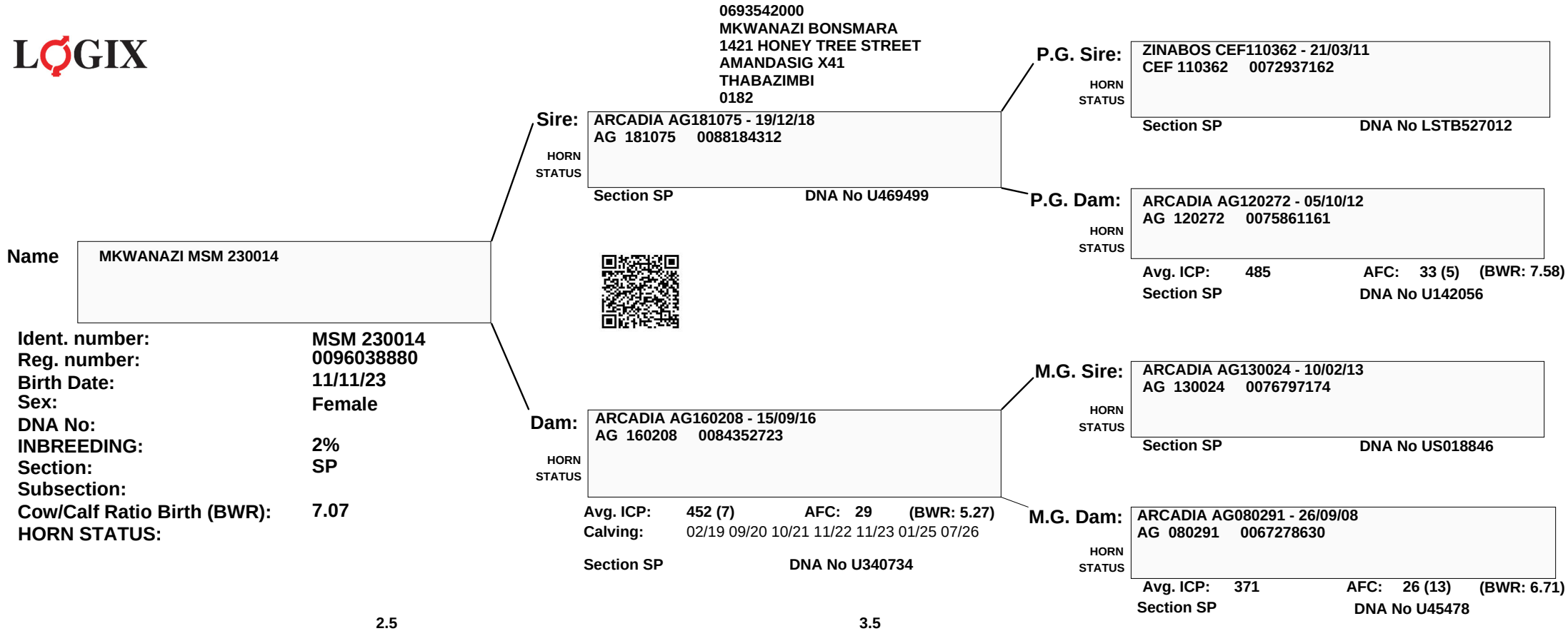


09/2026	CALVING EASE ★★★★		MILK ★★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	119 ⁶⁶		108 ⁴⁶	95 ⁶⁷	114 ⁴⁴							84 ³¹			★★★★	★★★	★★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	114	116	108	95	94	86	89	89	95	87	77	96	88	79	103 ⁵⁰	90 ²⁸	100 ⁴⁶
EBV	-.48 ⁷²	-1.04 ⁴³	6 ⁴⁶	12.3 ⁶⁷	19.5 ⁶⁷	1.5 ⁴⁴	37.2 ³⁸	16.4 ³⁸	-29 ¹⁶	2.3 ³⁸	-21 ⁴³	10.3 ⁴⁴	-2.4 ³⁰	3.1 ¹⁸			
Measurements	28(7%)			247 ⁽⁹⁹⁾	270 ⁽¹⁰⁰⁾	378 ⁽¹⁰⁰⁾	-	-	-	-	-	-					

Three generation pedigree

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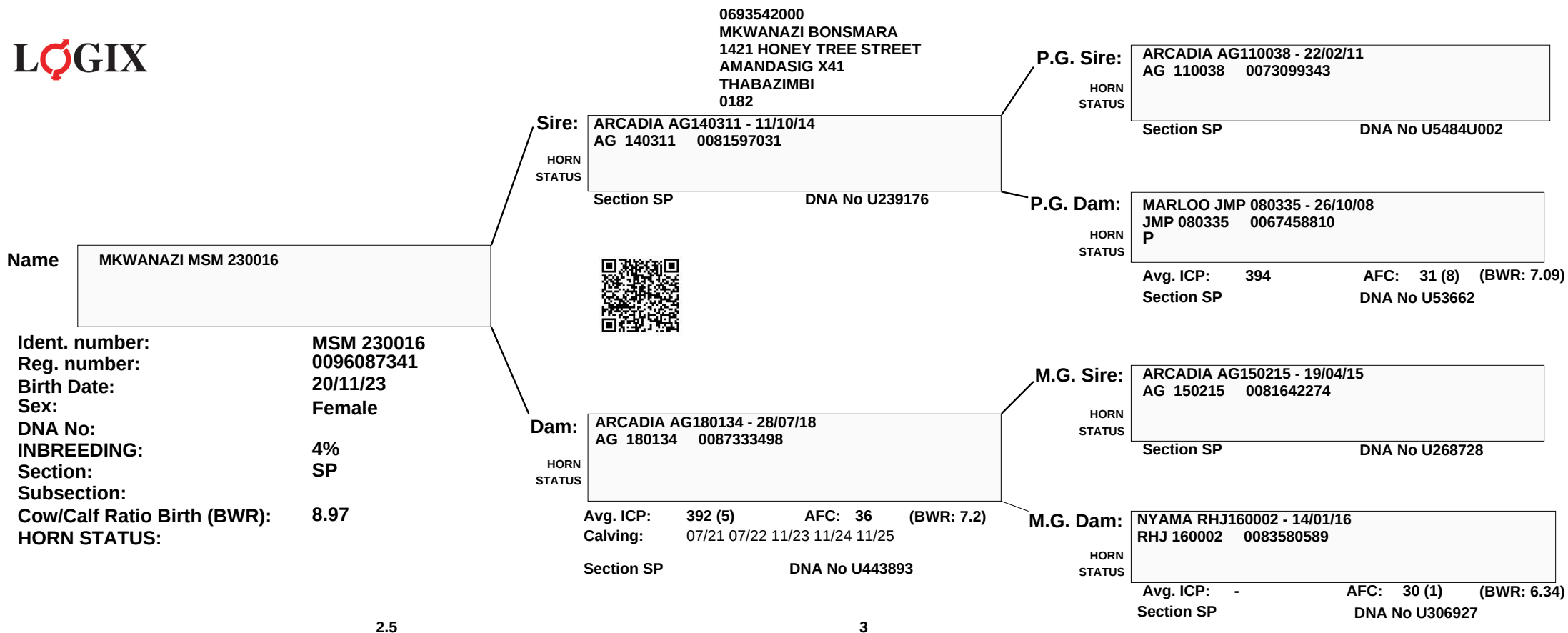


09/2026	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★★		GROWTH TEST					FERTILITY ★★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
Selection Value	117 ⁶⁶		94 ⁵⁰	91 ⁶⁶	127 ⁴⁸							103 ³⁷			★★★★	★★★	★★★★
EBV Index	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV	117	99	94	91	92	78	88	92	86	77	82	93	108	101	106 ⁵¹	87 ³³	102 ⁴⁷
Measurements	-85 ⁷¹	-22 ⁴⁹	2 ⁵⁰	10.3 ⁶⁶	17.9 ⁵⁸	-10.1 ⁴⁸	34.9 ³⁹	24 ³⁹	-13.4 ²⁵	-6.5 ⁴⁰	-17.5 ⁴²	8.7 ⁴³	-13.6 ³⁸	-7 ²⁴	In Vitro		
	29(7.1%)			164 ⁽⁹⁸⁾	- ⁽⁻⁾	256 ⁽¹⁰⁶⁾	-	-	-	-	-	-					

Three generation pedigree

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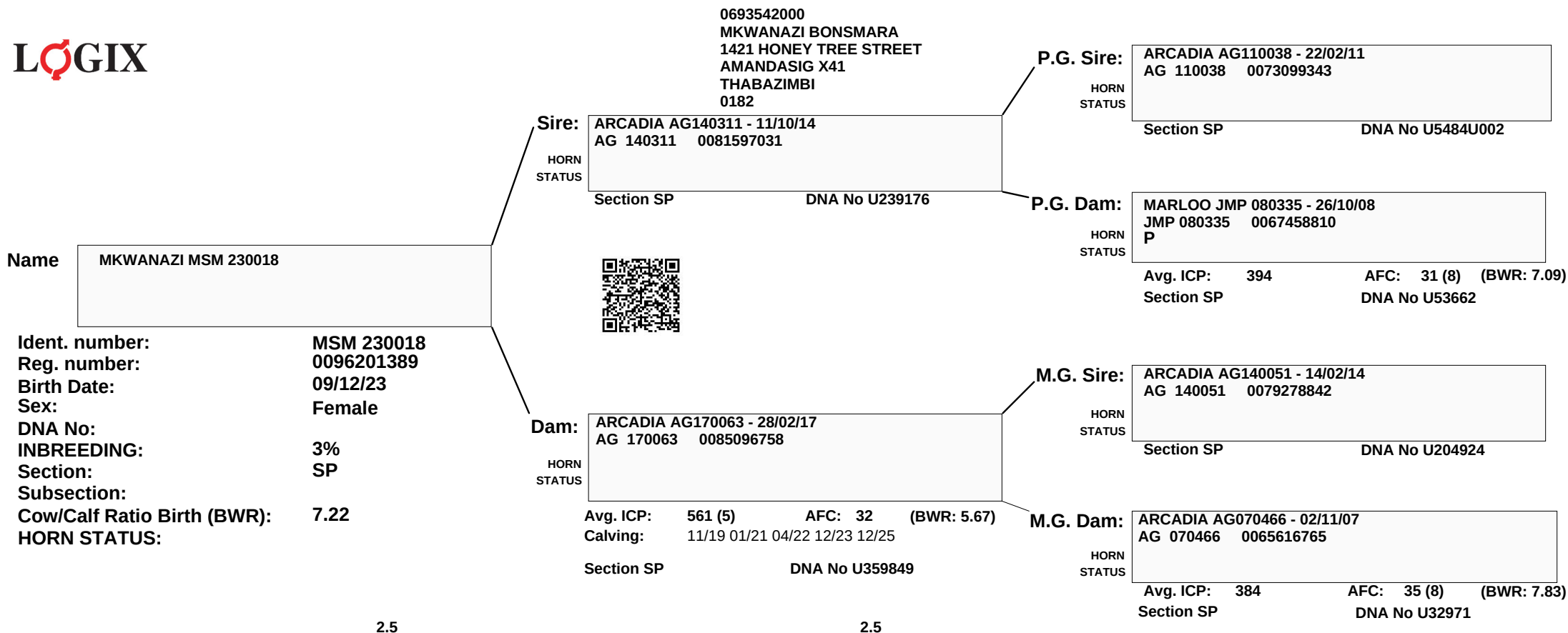


09/2026	CALVING EASE ★★★		MILK ★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	98 ⁶⁸		96 ⁵⁴	100 ⁶⁹	123 ⁵²							95 ³⁶			★★★★	★★★	★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	99	98	96	100	94	81	92	93	95	90	87	101	93	102	101 ⁵³	85 ³¹	97 ⁴⁹
EBV	1.09 ⁷³	-.19 ⁵¹	2.3 ⁵⁴	15 ⁶⁹	19.6 ⁶⁰	-5.5 ⁵²	48.3 ³⁸	26.8 ³⁸	27.6 ²¹	4.8 ³⁹	-13.1 ⁴²	13.2 ⁴³	-5.2 ³⁴	-9 ²⁰	In Vitro		
Measurements	33(9%)			177 ⁽¹⁰⁴⁾	- ⁽⁻⁾	233 ⁽⁹³⁾	-	-	-	-	-	-					

Three generation pedigree

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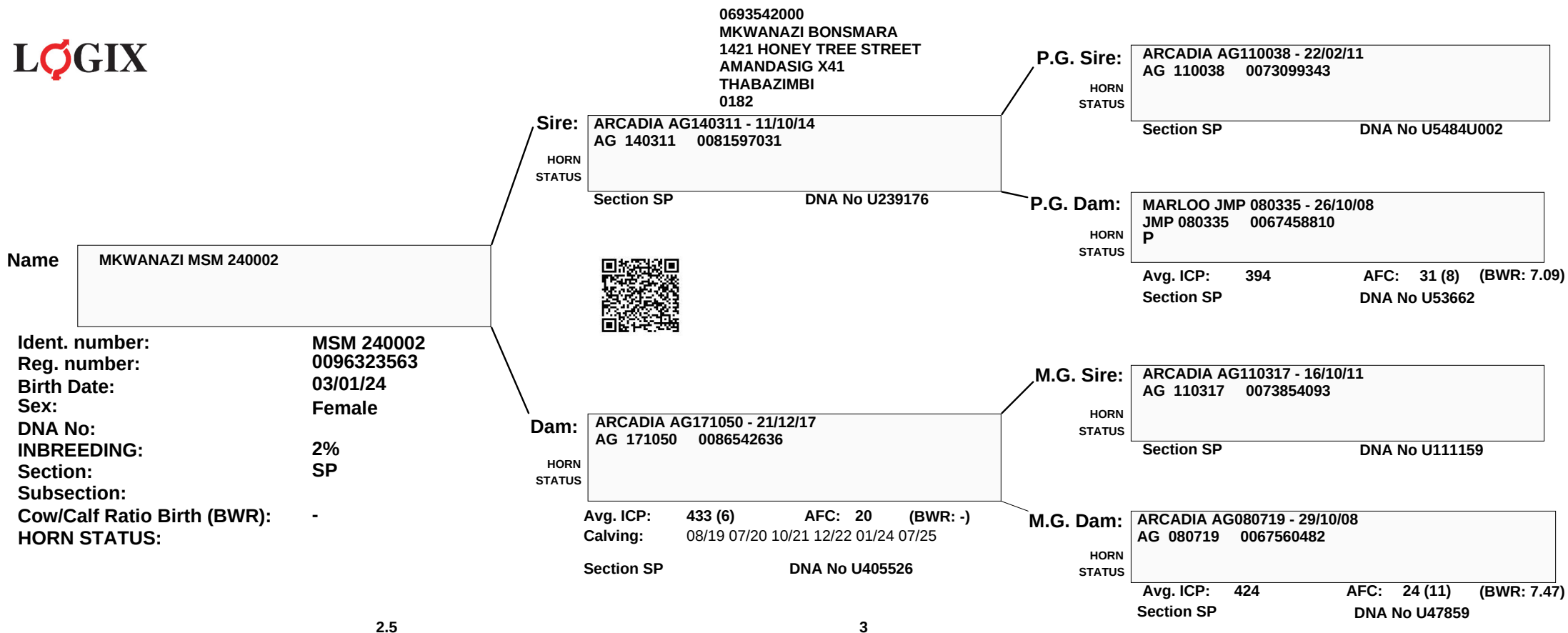


09/2026	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★★		GROWTH TEST					FERTILITY ★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
Selection Value	103 ⁷⁰		96 ⁵³	94 ⁵⁹	123 ⁵⁴							74 ³⁸			★★★	★★★	★★★
EBV Index	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV	103	102	96	94	94	81	87	91	80	79	77	86	77	84	86 ⁵¹	84 ³²	83 ⁴⁷
Measurements	0.7 ⁷⁴	-.39 ⁵³	2.4 ⁵³	12 ⁵⁹	19.3 ⁵⁴	-5.3 ⁵⁴	31.4 ⁴⁰	20.9 ⁴⁰	-3 ²³	-5.1 ⁴⁰	-21.4 ⁴³	4.6 ⁴⁴	3.9 ³⁶	2.2 ²²	In Vitro		
	34(7.2%)			416 ⁽¹⁰⁰⁾	- ⁽⁻⁾	258 ⁽¹⁰⁰⁾	-	-	-	-	-	-					

Three generation pedigree

compiled by the S.A. Stud Book and Animal Improvement Association

BONSMARA

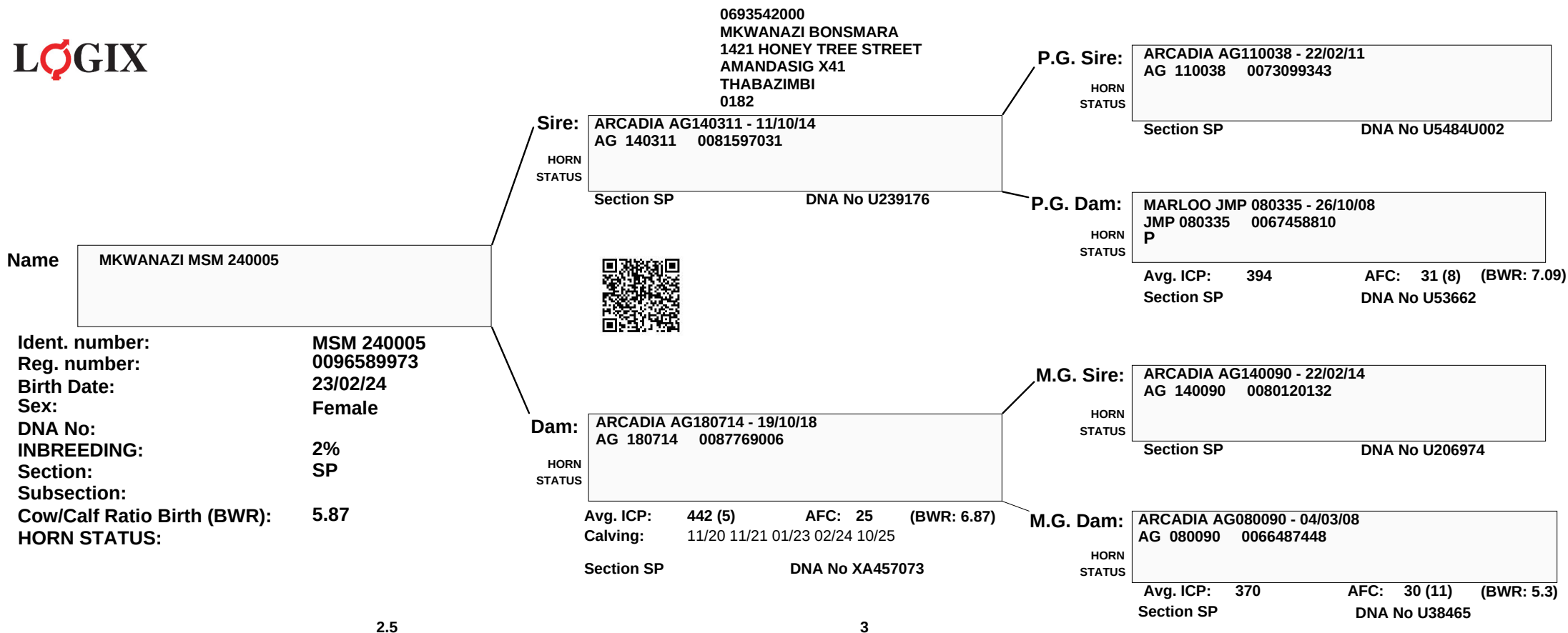


09/2026	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	113 ⁷⁰		95 ⁵⁶	94 ⁶⁹	129 ⁵⁴							89 ⁴⁰			★★★★	★★★	★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP	In Vitro		
EBV Index	108	116	95	94	92	76	91	98	97	81	79	101	105	84			
EBV Measurements	0.15 ⁷⁴	-1.06 ⁵⁴	2.2 ⁵⁶	12 ⁶⁹	17.7 ⁵⁷	13.2 ⁵⁴	43.4 ⁴⁰	37.3 ⁴⁰	31.8 ²⁵	-3.6 ⁴¹	-19.9 ⁴⁴	13.2 ⁴⁵	12.1 ³⁸	2.3 ²⁵			
	31			150 ⁽⁹²⁾	185 ⁽¹⁰⁰⁾	238 ⁽⁹²⁾	-	-	-	-	-	-					

Three generation pedigree

compiled by the S.A. Stud Book and Animal Improvement Association

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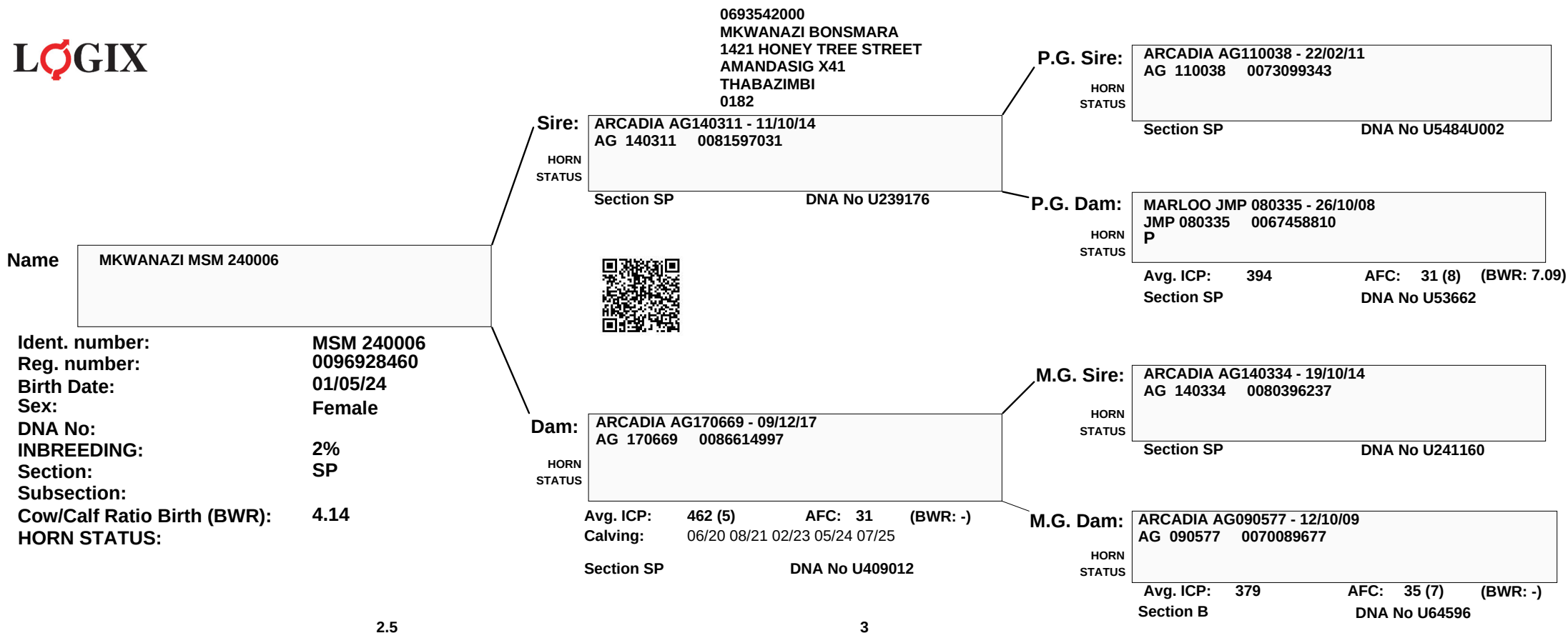


09/2026	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	102 ⁶⁰		96 ⁵³	100 ⁶⁷	112 ⁵³							85 ³⁶			★★★	★★★	★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	102	98	96	100	101	87	95	93	94	99	96	88	88	90	94 ⁵¹	89 ³²	91 ⁴⁷
EBV	0.76 ⁶²	-.21 ⁵²	2.6 ⁵³	14.8 ⁶⁷	25.7 ⁵³	3.7 ⁵³	61.1 ³⁸	27.3 ³⁸	27.5 ²³	12.6 ³⁸	-6.2 ⁴¹	5.6 ⁴²	-2.5 ³²	1.1 ²⁰	In Vitro		
Measurements	32(5.9%)			171 ⁽¹⁰⁸⁾	192 ⁽⁹¹⁾	276 ⁽¹⁰⁸⁾	-	-	-	-	-	-					

Three generation pedigree

compiled by the S.A. Stud Book and Animal Improvement Association

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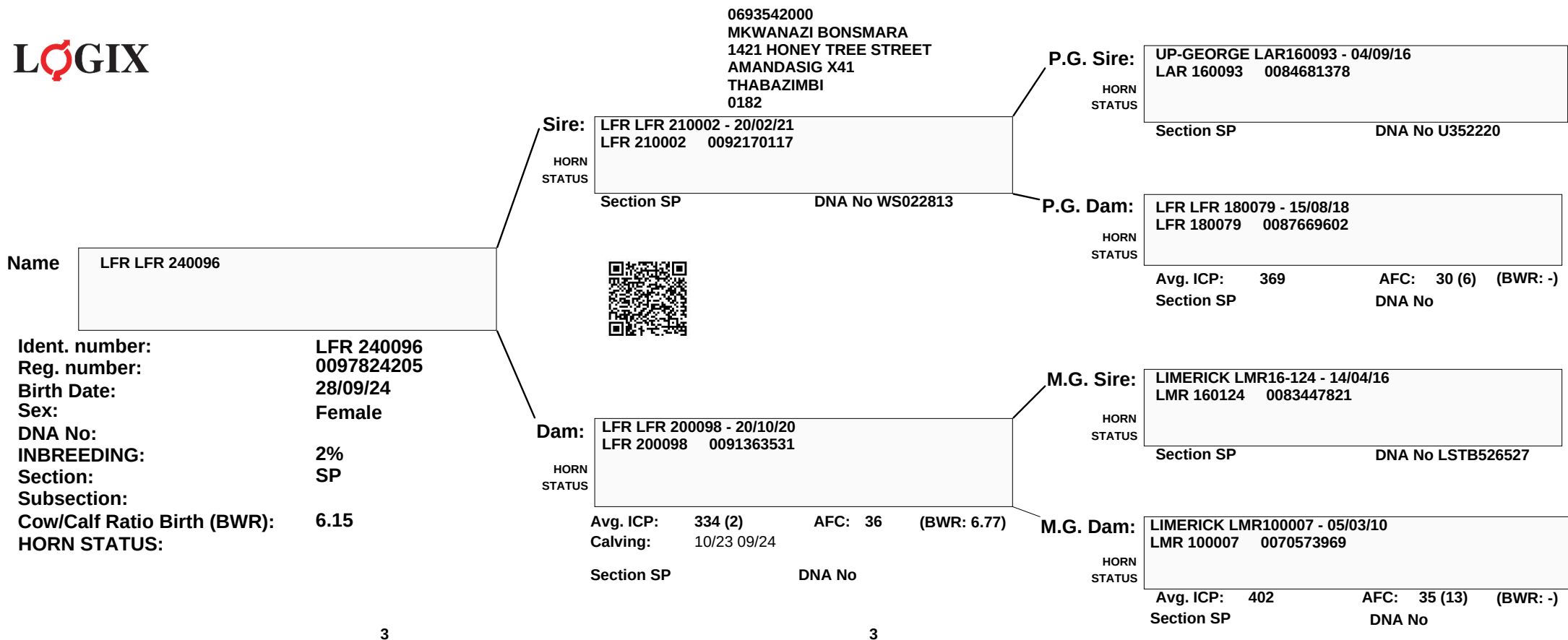


09/2026	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	111 ⁵⁹		91 ⁵²	100 ⁵⁸	94 ⁵²							93 ³⁵			★★★	★★★	★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	111	101	91	100	95	106	95	97	98	95	95	90	102	95	95 ⁴⁸	88 ³⁰	92 ⁴⁴
EBV	-.15 ⁶¹	-.31 ⁵¹	1 ⁵²	15.1 ⁵⁸	20.9 ⁵²	31.1 ⁵²	61.5 ³⁴	34.8 ³⁴	33.2 ²²	9.4 ³⁵	-7.3 ³⁸	7.1 ³⁹	10.5 ³²	0.2 ²⁰	In Vitro		
Measurements	23(4.1%)			174 ⁽¹⁰⁰⁾	215 ⁽¹⁰⁹⁾	223 ⁽¹⁰⁰⁾	-	-	-	-	-	-					

Three generation pedigree

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3

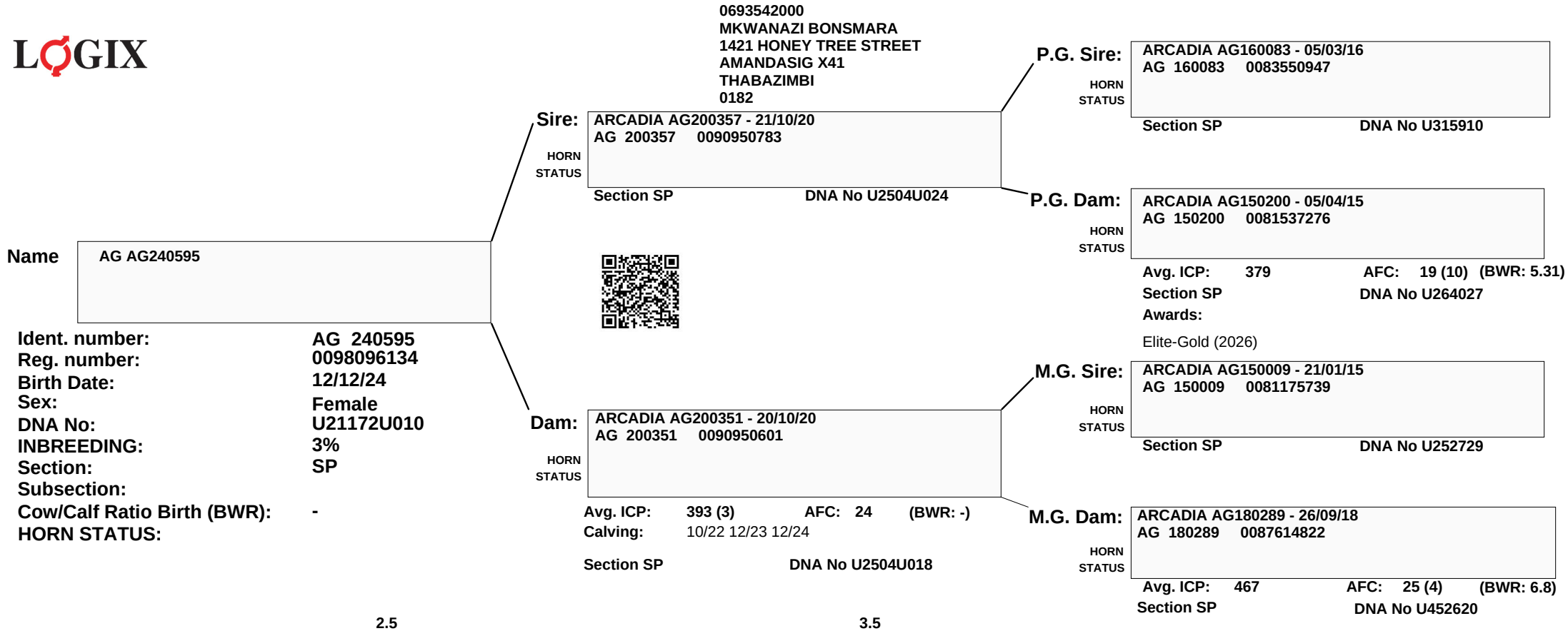
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09/2026	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	116 ⁶⁶		85 ⁴⁶	95 ⁵⁸	107 ⁴⁶							106 ³⁵			★★★	★★★	★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	116	102	85	95	96	92	99	105	92	87	83	99	113	95	99 ⁴⁸	96 ³⁶	98 ⁴⁶
EBV	-.65 ⁷²	-.37 ⁴⁵	-.9 ⁴⁶	12.1 ⁵⁸	21.9 ⁵²	10.2 ⁴⁶	76.2 ⁴⁸	53.6 ⁴⁸	22.7 ²¹	1.9 ⁴⁸	-17 ⁵²	11.9 ⁵²	16.2 ³⁷	0.3 ²⁰	In Vitro		
Measurements	32(6.2%)			180 ⁽¹⁰⁰⁾	209 ⁽⁹⁵⁾	350 ⁽¹⁰⁰⁾	-	-	-	-	-	-					

Three generation pedigree

compiled by the S.A. Stud Book and Animal Improvement Association

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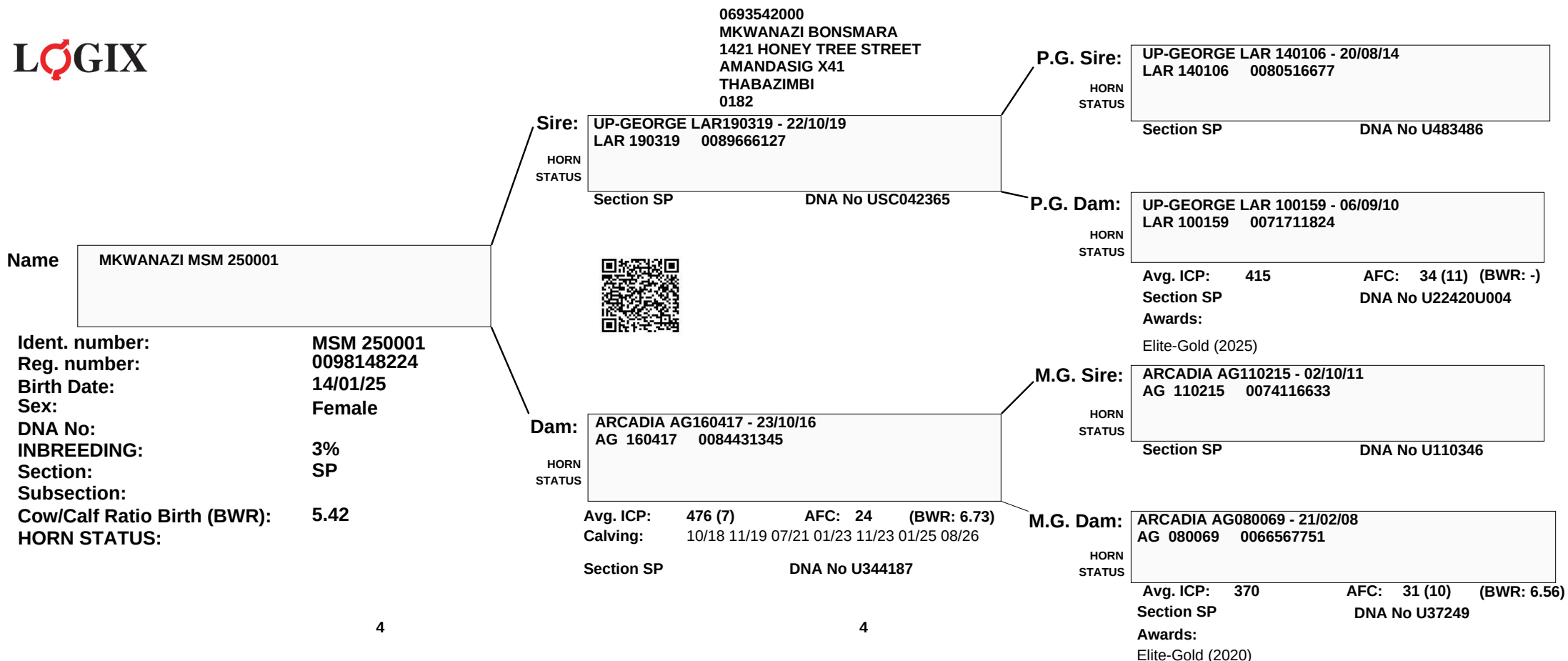


09/2026	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	107 ⁶⁶		98 ⁴⁵	102 ⁵³	100 ³⁸							102 ³¹			★★★★	★★★	★★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	108	98	98	102	101	98	87	86	83	88	88	105	110	101	105 ⁴⁴	83 ²³	100 ⁴⁰
EBV	0.16 ⁷²	-.21 ⁴³	3.1 ⁴⁵	16.1 ⁵³	26 ⁴⁸	19.2 ³⁸	28.7 ²⁹	9.2 ²⁹	-8.5 ¹⁵	3.1 ³⁰	-12.9 ³¹	16 ³²	14.8 ²⁹	-.7 ¹⁸	In Vitro		
Measurements	30			192 ⁽¹⁰⁰⁾	224 ⁽¹⁰⁵⁾	305 ⁽¹⁰²⁾	-	-	-	-	-	-					

Three generation pedigree

compiled by the S.A. Stud Book and Animal Improvement Association

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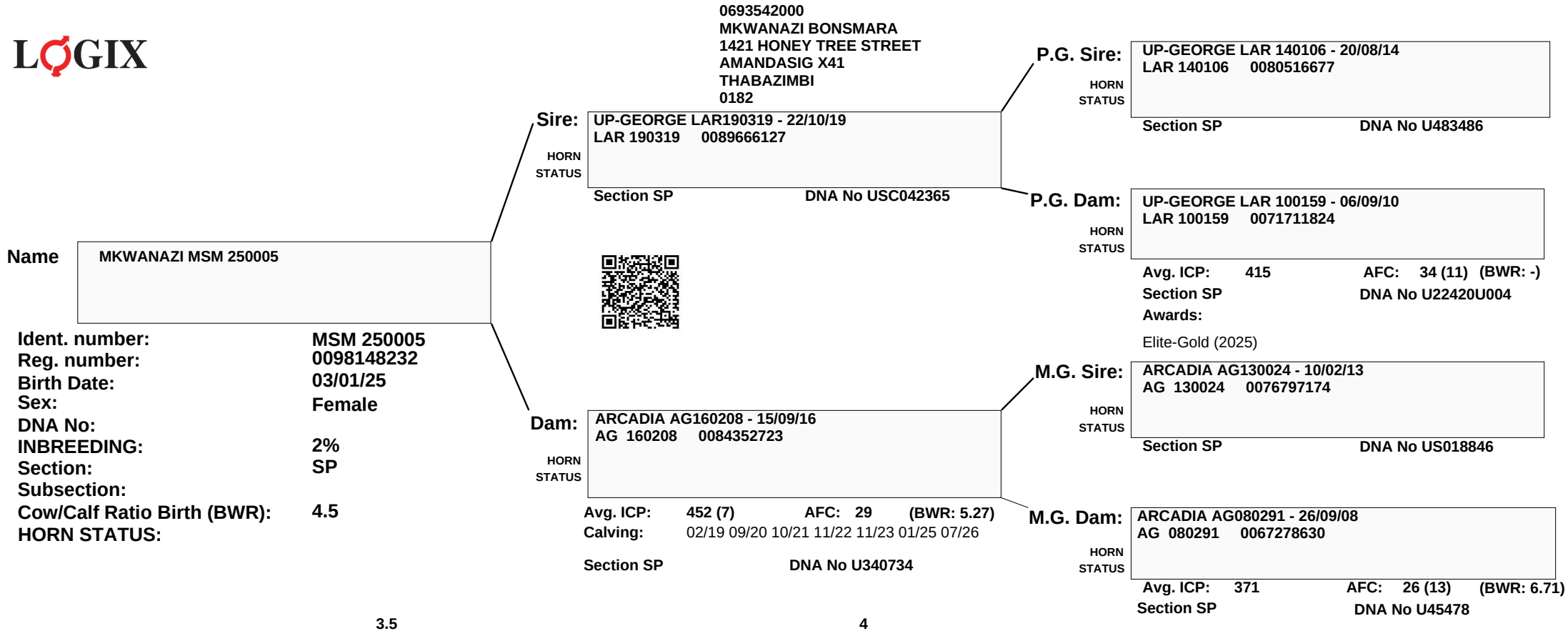


09/2026	CALVING EASE ★★★		MILK ★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	97 ⁶⁹		96 ⁵³	118 ⁷⁰	98 ⁵¹		ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP	★★★★	★★★★	★★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght											
EBV Index	93	123	96	118	121	100	111	102	109	116	100	108	95	85	109 ⁵⁴	111 ³⁸	110 ⁵¹
EBV	1.69 ⁷³	-1.39 ⁵²	2.5 ⁵³	24.6 ⁷⁰	43.4 ⁶⁴	22.6 ⁵¹	119.6 ⁴⁹	47.7 ⁴⁹	50.9 ²⁶	27.6 ⁵⁰	-3.4 ⁵²	17.4 ⁵³	-6.2 ⁴²	2.1 ²⁷	In Vitro		
Measurements	26(5.4%)			176 ⁽⁹⁸⁾	237 ⁽¹⁰⁷⁾	309 ⁽¹⁰⁵⁾	-	-	-	-	-	-					

Three generation pedigree

compiled by the S.A. Stud Book and Animal Improvement Association

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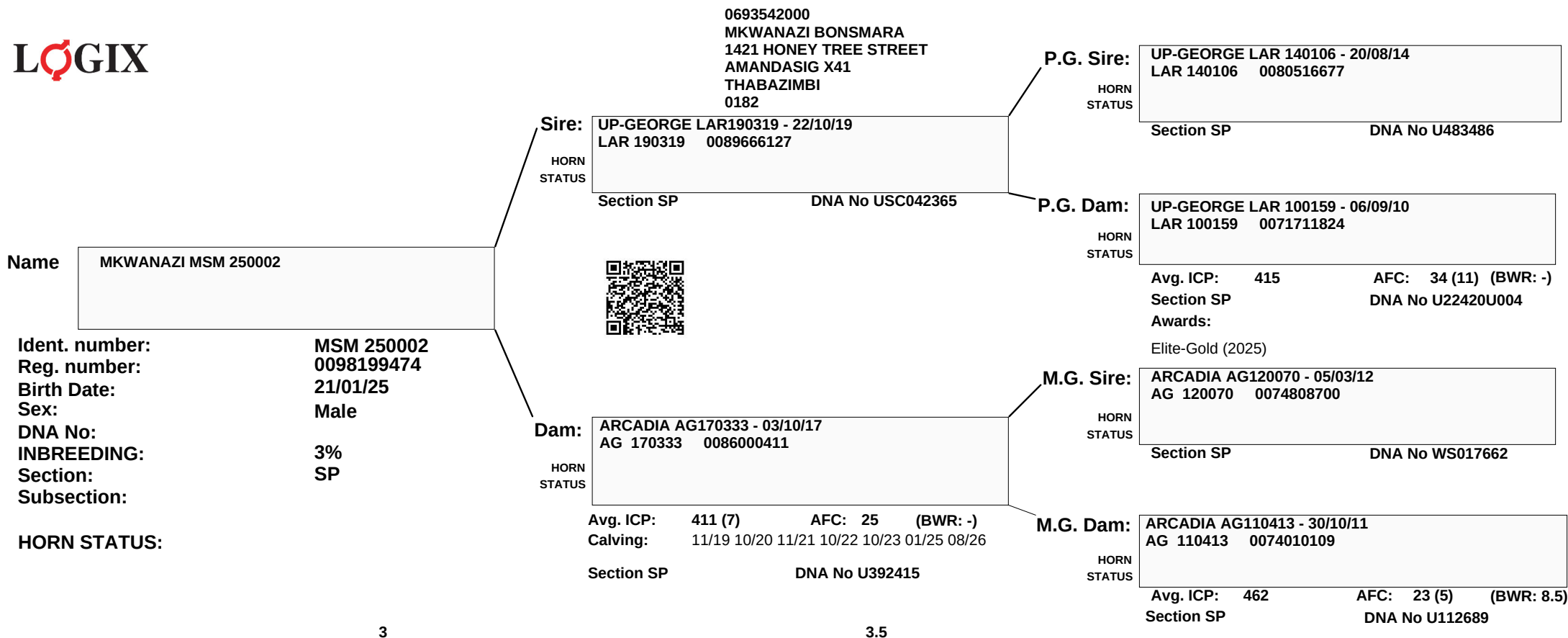


09/2026	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	117 ⁶⁹		91 ⁵⁵	106 ⁷⁰	101 ⁵¹							106 ⁴⁰			★★★★	★★★★	★★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	112	116	91	106	109	97	103	102	96	97	87	104	99	109	113 ⁵⁵	104 ³⁸	112 ⁵²
EBV	-.31 ⁷³	-1.01 ⁵²	0.9 ⁵⁵	18.3 ⁷⁰	33 ⁶⁴	18.5 ⁵¹	92.2 ⁵¹	47.9 ⁵¹	30.6 ²⁴	10.9 ⁵²	-13.4 ⁵⁴	15.4 ⁵⁵	-8.6 ⁴²	-2.2 ²⁶	In Vitro		
Measurements	22(4.5%)			153 ⁽⁸⁵⁾	205 ⁽⁹³⁾	292 ⁽¹⁰⁰⁾	-	-	-	-	-	-					

Three generation pedigree

compiled by the S.A. Stud Book and Animal Improvement Association

BONSMARA

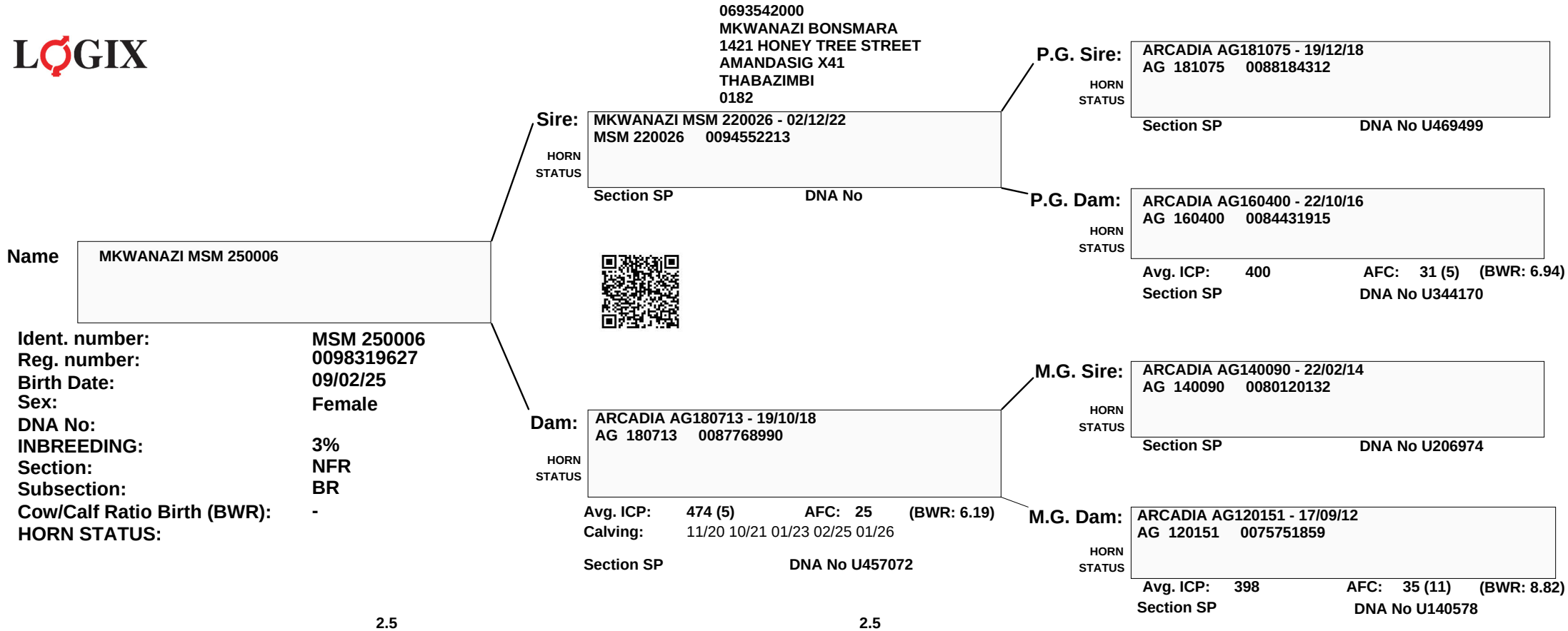


09/2026	CALVING EASE ★★★		MILK ★★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	98 ⁶⁹		101 ⁵⁴	111 ⁷⁰	97 ⁵²		ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP	★★★★	★★★	★★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	97	89	95	101	89	105	95	85	105 ⁵⁴	98 ³⁸	103 ⁵¹
EBV Index	93	120	101	111	113	101	97	89	95	101	89	105	95	85	105 ⁵⁴	98 ³⁸	103 ⁵¹
EBV	1.68 ⁷³	-1.21 ⁵²	4 ⁵⁴	20.7 ⁷⁰	37 ⁵⁹	24.2 ⁵²	67.5 ⁴⁹	16.8 ⁴⁹	-28 ²⁴	14.7 ⁵⁰	-12.2 ⁵³	15.9 ⁵³	-6.4 ⁴¹	2.2 ²⁵			
Measurements	27(6.3%)			197 ⁽¹¹⁰⁾	- ⁽⁻⁾	- ⁽⁻⁾	99	17.39	6.81	1302	1091	336					

Three generation pedigree

compiled by the S.A. Stud Book and Animal Improvement Association

BONSMARA

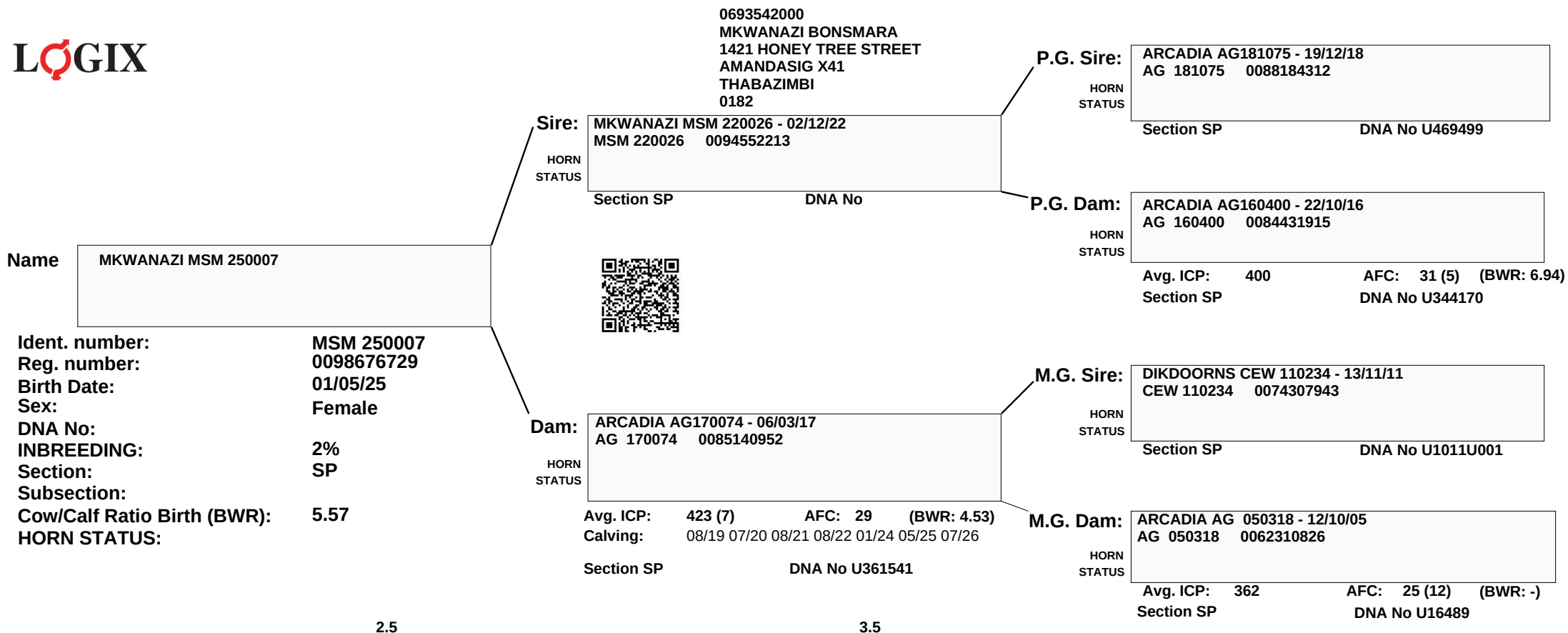


09/2026	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	105 ⁵¹		91 ⁴²	99 ⁶²	115 ⁴³							82 ³¹			★★★	★★★	★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	102	110	91	99	99	86	89	89	86	89	88	94	81	80	91 ⁴⁵	86 ²⁶	88 ⁴¹
EBV	0.74 ⁵³	-.75 ⁴²	1 ⁴²	14.5 ⁶²	23.8 ⁵⁴	1.1 ⁴³	36.9 ³⁴	16.1 ³⁴	13.4 ¹⁶	4.2 ³⁴	-12.4 ³⁹	9.1 ⁴¹	2 ³²	3 ¹⁸	In Vitro		
Measurements	25			205 ⁽¹¹⁷⁾	212 ⁽¹⁰⁰⁾	278 ⁽⁹⁴⁾	-	-	-	-	-	-					

Three generation pedigree

compiled by the S.A. Stud Book and Animal Improvement Association

BONSMARA



09/2026	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
Selection Value	110 ⁶⁵		88 ⁴⁵	99 ⁴⁷	114 ⁴⁴							106 ³⁴			★★★★	★★★	★★★★
EBV Index	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV	105	117	88	99	94	86	88	91	89	80	77	110	104	103	105 ⁴³	86 ³⁰	100 ⁴⁰
Measurements	0.43 ⁷⁰	-1.07 ⁴⁵	0 ⁴⁵	14.4 ⁴⁷	20 ⁴⁶	2 ⁴⁴	34.7 ³⁷	21.1 ³⁷	18.4 ¹⁹	-4.4 ³⁸	-21.4 ⁴³	19 ⁴⁴	11.4 ³⁵	-1.1 ²²	In Vitro		
	29(5.6%)			203 ⁽¹⁰⁰⁾	346 ⁽¹⁰³⁾	- ⁽⁻⁾	-	-	-	-	-	-					

Three generation pedigree

compiled by the S.A. Stud Book and Animal Improvement Association

BONSMARA



Name MKWANAZI MSM 230047

Ident. number: MSM 230047
Reg. number: 0098787427
Birth Date: 09/12/23
Sex: Female
DNA No:
INBREEDING: 0%
Section: F0
Subsection:
Cow/Calf Ratio Birth (BWR): -
HORN STATUS: -

0693542000
 MKWANAZI BONSMARA
 1421 HONEY TREE STREET
 AMANDASIG X41
 THABAZIMBI
 0182



Sire: -
HORN STATUS
 Section - DNA No

P.G. Sire: -
HORN STATUS
 Section - DNA No

P.G. Dam: -
HORN STATUS
 Avg. ICP: - AFC: - (BWR: -)
 Section - DNA No

Dam: -
HORN STATUS
 Avg. ICP: - (-) AFC: - (BWR: -)
 Calving: -
 Section - DNA No

M.G. Sire: -
HORN STATUS
 Section - DNA No

M.G. Dam: -
HORN STATUS
 Avg. ICP: - AFC: - (BWR: -)
 Section - DNA No

09/2026	CALVING EASE		MILK	CALF GRWTH	MAINTENANCE		GROWTH TEST					FERTILITY			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
Selection Value	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EBV Index	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP	-	-	-
EBV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	In Vitro	-	-
Measurements	-	-	-	- (-)	- (-)	- (-)	-	-	-	-	-	-	-	-	-	-	-



SA STAMBOEK
STUD BOOK



Three generation pedigree

compiled by the S.A. Stud Book and Animal Improvement Association

BONSMARA



BONSMARA
SA

0693542000
MKWANAZI BONSMARA
1421 HONEY TREE STREET
AMANDASIG X41
THABAZIMBI
0182

Name MKWANAZI MSM 200318

Ident. number: MSM 200318
Reg. number: 0098787450
Birth Date: 01/10/20
Sex: Female
DNA No:
INBREEDING: 0%
Section: F0
Subsection:
Cow/Calf Ratio Birth (BWR): -
HORN STATUS:

Sire: -
HORN STATUS
Section - DNA No

P.G. Sire: -
HORN STATUS
Section - DNA No

P.G. Dam: -
HORN STATUS
Section - DNA No
Avg. ICP: - AFC: - (BWR: -)
Section - DNA No

Dam: -
HORN STATUS
Section - DNA No
Avg. ICP: - (-) AFC: - (BWR: -)
Section - DNA No

M.G. Sire: -
HORN STATUS
Section - DNA No

M.G. Dam: -
HORN STATUS
Section - DNA No
Avg. ICP: - AFC: - (BWR: -)
Section - DNA No

Avg ICP: - AFC: *(1)
Calving: 09/25



09/2026	CALVING EASE ★★★★		MILK ★★★★	CALF GRWTH ★★	MAINTENANCE ★★★		GROWTH TEST					FERTILITY			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	100 29		110 39	75 26	88 59		ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	-	-	-	-	-	-	-	-	-	-	-
EBV Index	103	90	110	75	68	112	-	-	-	-	-	-	-	-	-	-	-
EBV	0.62 28	0.21 31	6.6 39	1.3 26	-3.4 12	40.2 59	-	-	-	-	-	-	-	-	In Vitro	-	-
Measurements	-			- (-)	- (-)	- (-)	-	-	-	-	-	-					



Name MKWANAZI MSM 210924

Ident. number: MSM 210924
Reg. number: 0098787468
Birth Date: 01/10/21
Sex: Female
DNA No:
INBREEDING: 0%
Section: A
Subsection:
Cow/Calf Ratio Birth (BWR): -
HORN STATUS:

Sire: -
HORN STATUS
Section - DNA No

P.G. Sire: -
HORN STATUS
Section - DNA No

P.G. Dam: -
HORN STATUS
Section - DNA No

Dam: -
HORN STATUS
Section - DNA No

M.G. Sire: -
HORN STATUS
Section - DNA No

M.G. Dam: -
HORN STATUS
Section - DNA No

Avg. ICP: - **AFC:** - **(BWR: -)**
Calving: -

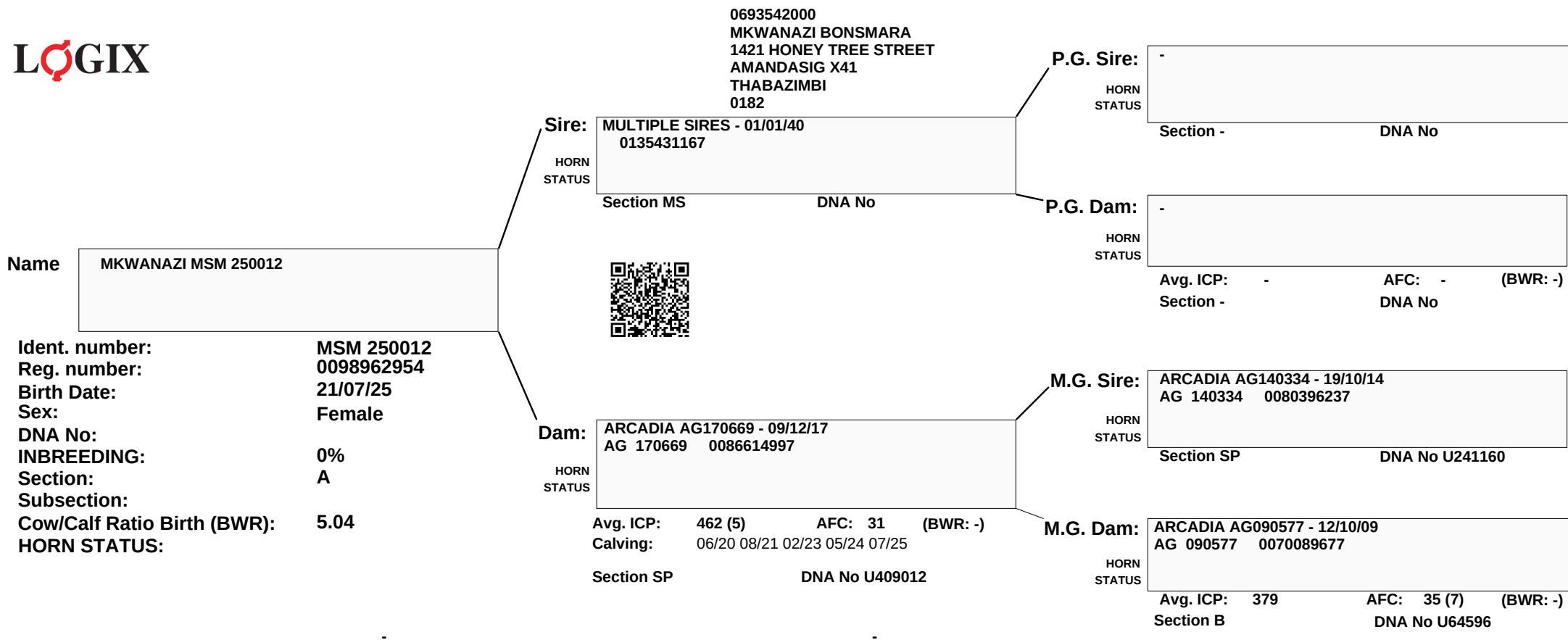
Avg ICP: - **AFC:** *(1)
Calving: 11/25

09/2026	CALVING EASE ★★★★		MILK ★★★★	CALF GRWTH ★★	MAINTENANCE		GROWTH TEST					FERTILITY			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	100 ₂₉		114 ₃₉	75 ₂₆	- -							- -					
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	103	91	114	75	-	-	-	-	-	-	-	-	-	-	- -	- -	- -
EBV	0.7 ₂₈	0.14 ₃₂	7.9 ₃₉	1.8 ₂₆	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	In Vitro		
Measurements	-			- (-)	- (-)	- (-)	-	-	-	-	-	-					

Three generation pedigree

compiled by the S.A. Stud Book and Animal Improvement Association

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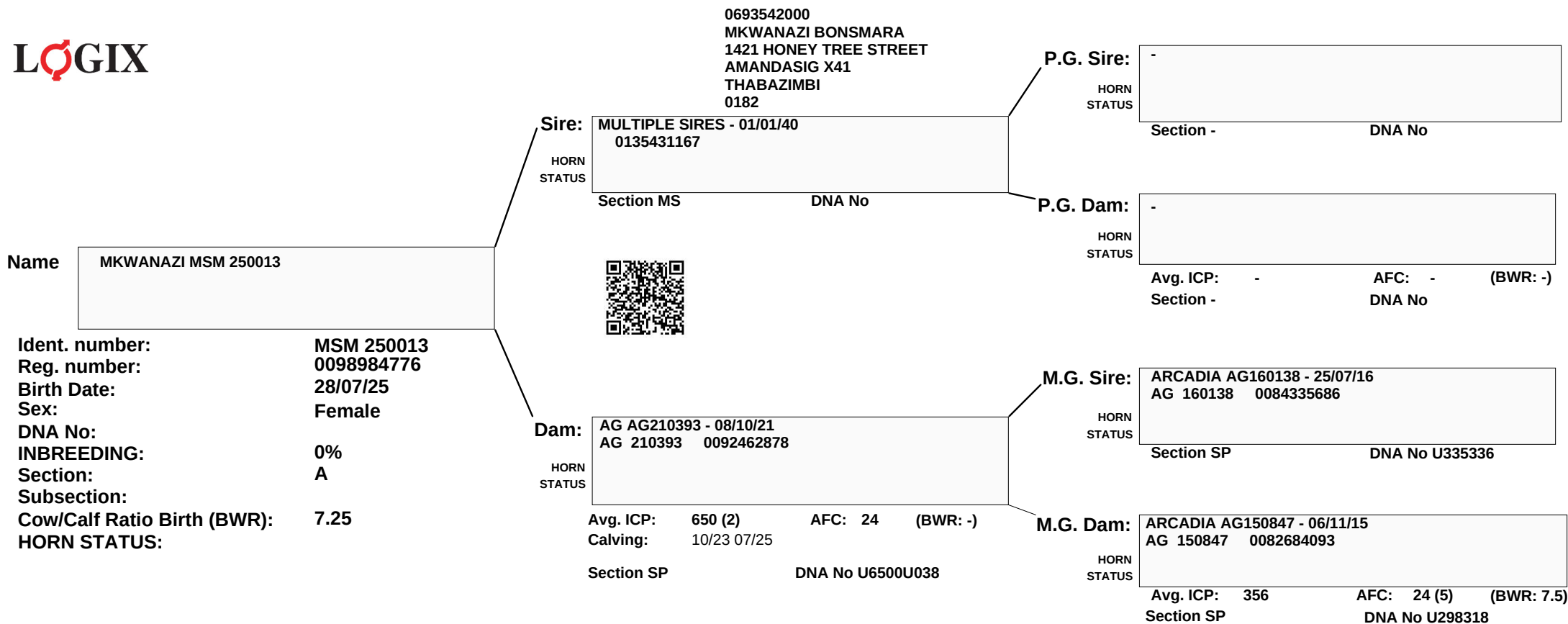


09/2026	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★	MAINTENANCE ★★★		GROWTH TEST					FERTILITY ★★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	108 ⁵⁸		94 ³⁶	93 ⁶²	90 ³⁵							104 ²³			★★★		
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	108	100	94	93	88	110	84	87	84	88	95	87	110	115	91 ⁴³	- -	- -
EBV	0.18 ⁶⁴	-.29 ³⁴	1.9 ³⁶	11.3 ⁶²	14.4 ²⁹	37.5 ³⁵	19.5 ¹⁶	12.9 ¹⁶	-9.6 ¹⁰	3.4 ¹⁶	-6.9 ¹⁷	5.3 ¹⁸	14.9 ²⁰	-3.2 ¹⁴	In Vitro		
Measurements	29(5%)			195 ⁽⁹⁷⁾	275 ⁽¹⁰²⁾	- (-)	-	-	-	-	-	-					

Three generation pedigree

compiled by the S.A. Stud Book and Animal Improvement Association

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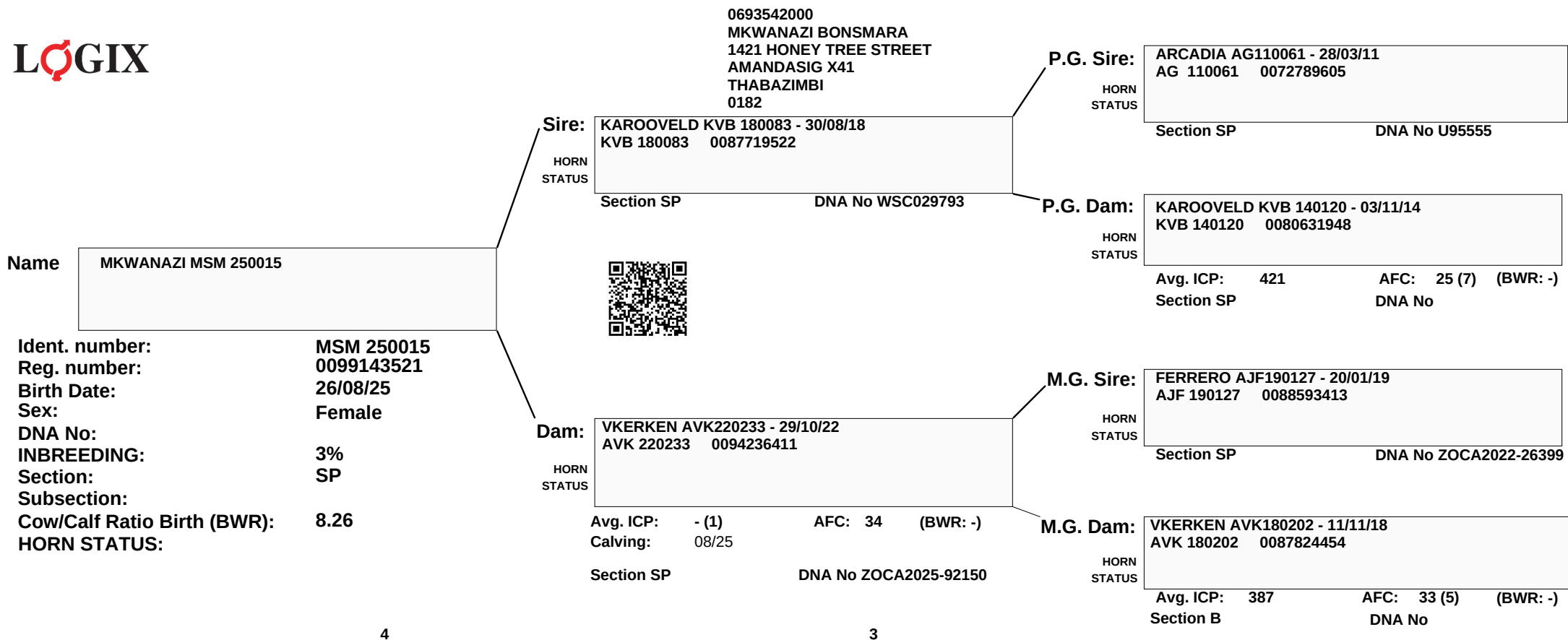


09/2026	CALVING EASE ★★★★		MILK ★★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★★		GROWTH TEST					FERTILITY ★★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	105 ⁵⁷		100 ²⁷	87 ³⁰	121 ²⁶							101 ²¹			★★★		
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	106	99	100	87	84	83	74	78	74	75	78	94	105	110	94 ³⁰	- -	- -
EBV	0.38 ⁶⁴	-.24 ³¹	3.6 ²⁷	7.7 ³⁰	10.3 ²⁸	-2.9 ²⁶	-18.7 ²²	-7.7 ²²	5.9 ¹¹	-8.3 ²²	-20.6 ²⁴	8.9 ²⁴	12.2 ²¹	-2.3 ¹²	In Vitro		
Measurements	29(7.3%)			163 ⁽¹⁰⁰⁾	259 ⁽⁹⁵⁾	- (-)	-	-	-	-	-	-					

Three generation pedigree

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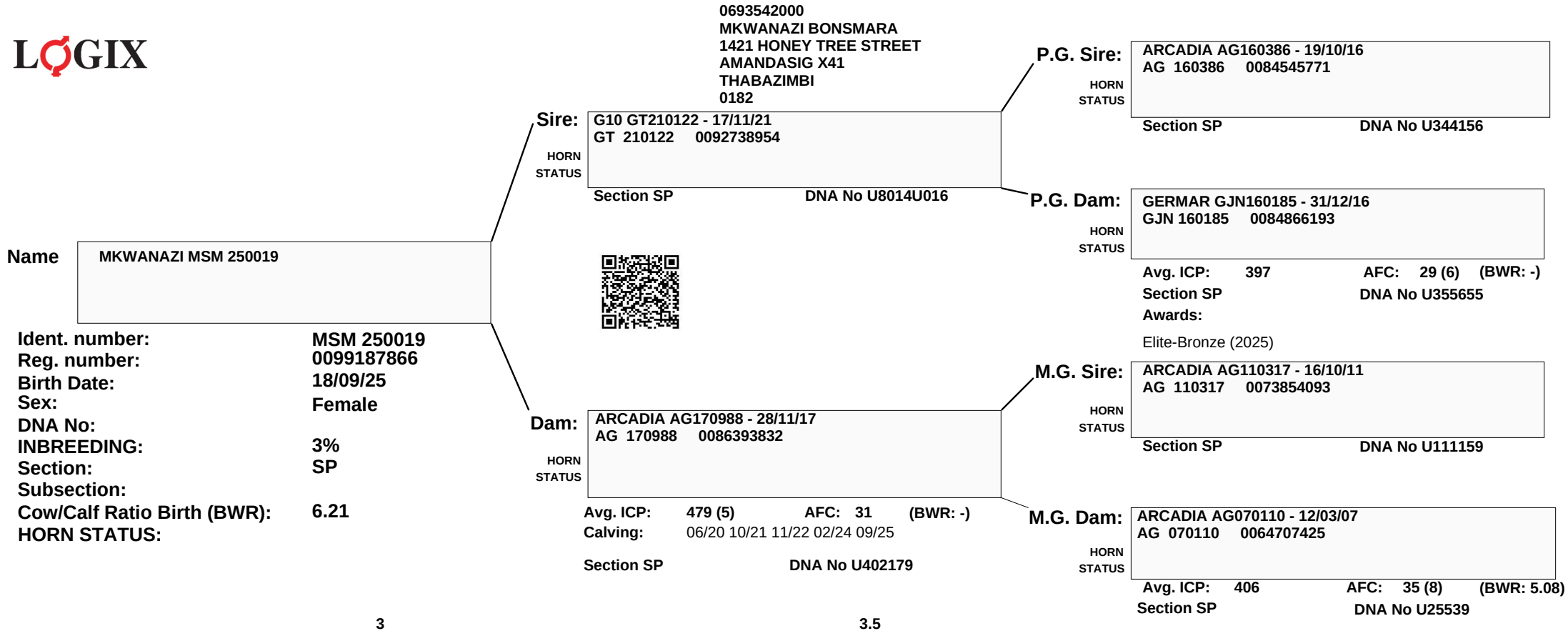


09/2026	CALVING EASE ★★★		MILK ★★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	87 ⁶⁸		114 ⁵³	99 ⁷⁰	105 ⁵³							94 ³⁴			★★★	★★★★	★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	89	91	114	99	104	92	112	112	103	106	93	99	96	96	96 ⁵³	115 ³⁴	99 ⁴⁹
EBV	2.1 ⁷³	0.14 ⁴⁷	7.9 ⁵³	14.5 ⁷⁰	28.7 ⁶⁴	10.9 ⁵³	126.1 ⁵⁰	69.9 ⁵⁰	41.5 ¹⁷	18.8 ⁵¹	-8.7 ⁵³	12.1 ⁵⁴	-6.6 ³⁶	0.2 ²⁰	In Vitro		
Measurements	38(8.3%)			194 ⁽⁹⁰⁾	248 ⁽⁸⁷⁾	- ⁽⁻⁾	-	-	-	-	-	-					

Three generation pedigree

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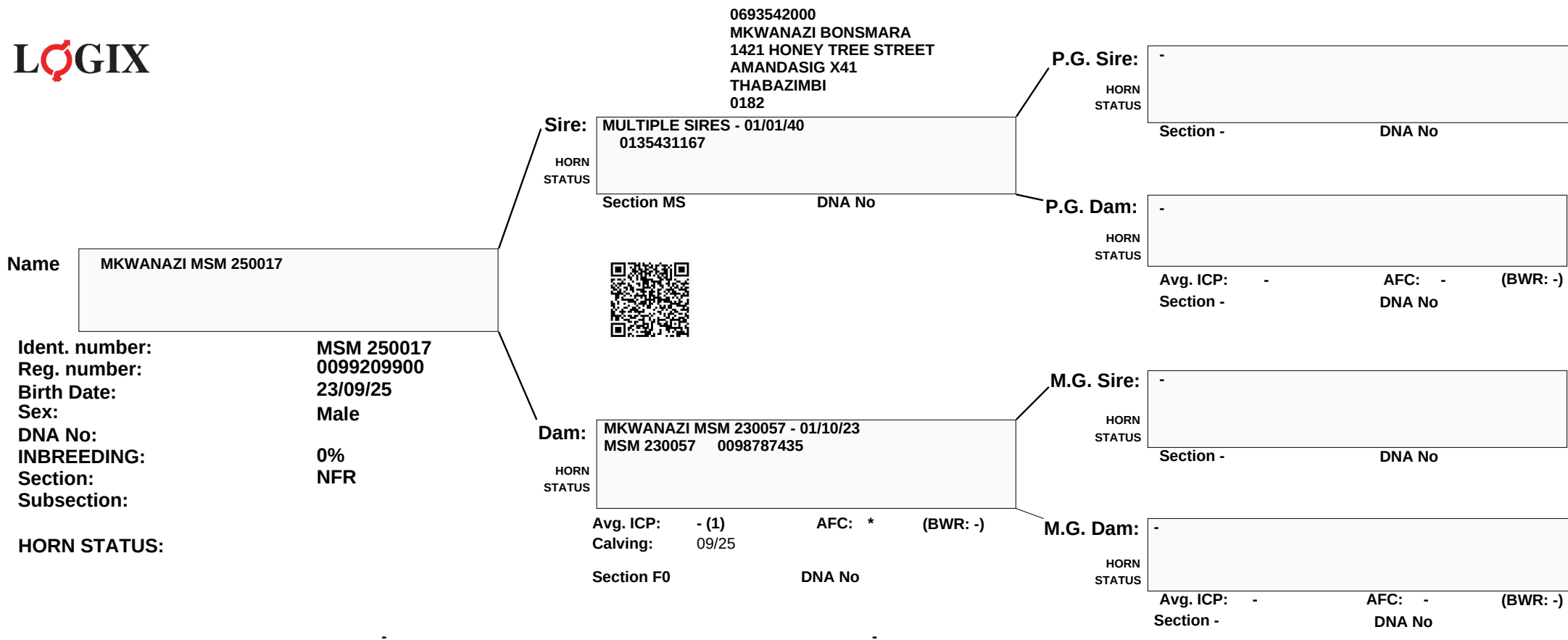


09/2026	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	115 ⁶⁶		98 ⁴⁸	104 ⁶⁷	111 ⁴⁶							83 ³⁴			★★★★	★★★	★★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	111	124	98	104	101	88	96	99	98	92	90	103	82	84	104 ⁵¹	92 ²⁶	101 ⁴⁶
EBV	-.19 ⁷¹	-1.39 ⁴⁵	3.1 ⁴⁸	16.9 ⁶⁷	26.2 ⁵⁴	4.4 ⁴⁶	64.6 ³¹	39.9 ³¹	32.6 ¹⁹	6.2 ³²	-11.3 ³⁴	14.7 ³⁵	1.5 ³³	2.2 ²²	In Vitro		
Measurements	30(6.2%)			210 ⁽¹⁰³⁾	309 ⁽¹¹⁵⁾	- ⁽⁻⁾	-	-	-	-	-	-					

Three generation pedigree

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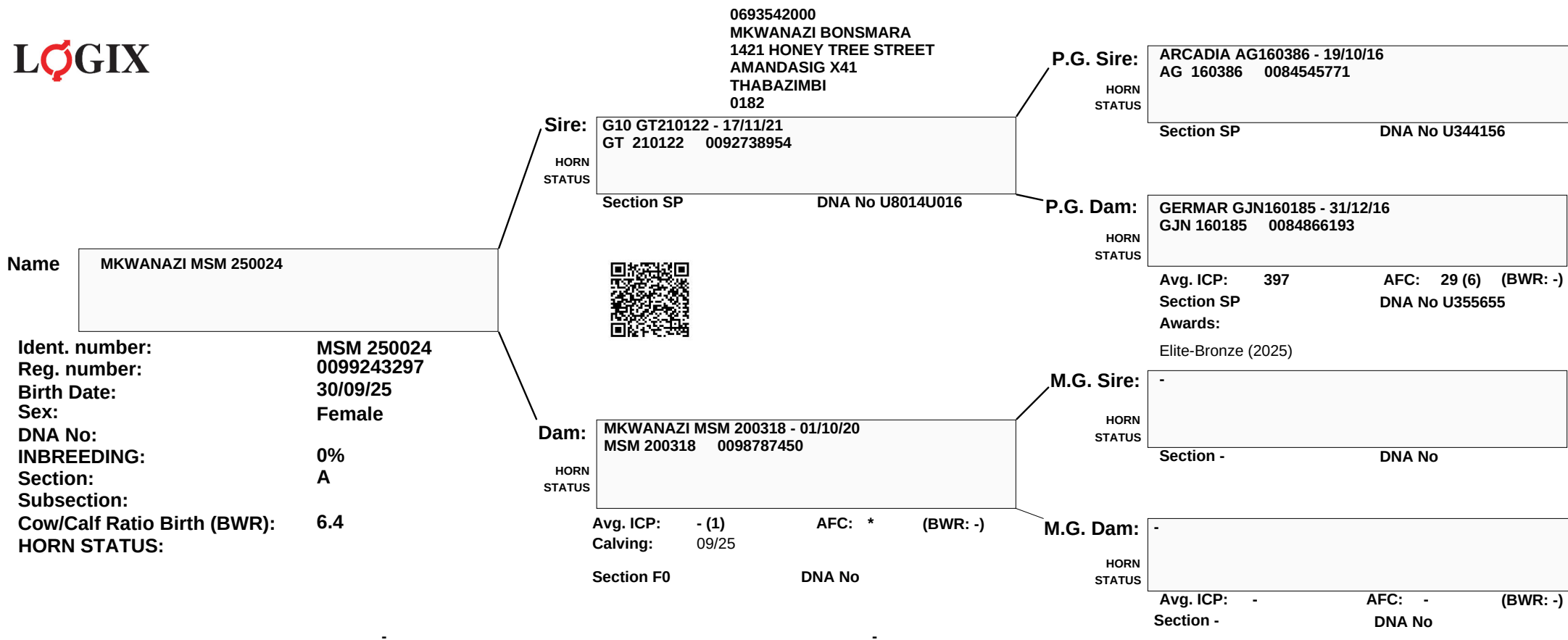


09/2026	CALVING EASE ★★★★		MILK	CALF GRWTH	MAINTENANCE		GROWTH TEST					FERTILITY			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	119 48		- -	- -	- -							- -					
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	118	103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EBV	-.93 56	-.44 19	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -			
Measurements	20(4.8%)			- (-)	- (-)	- (-)	-	-	-	-	-	-					

Three generation pedigree

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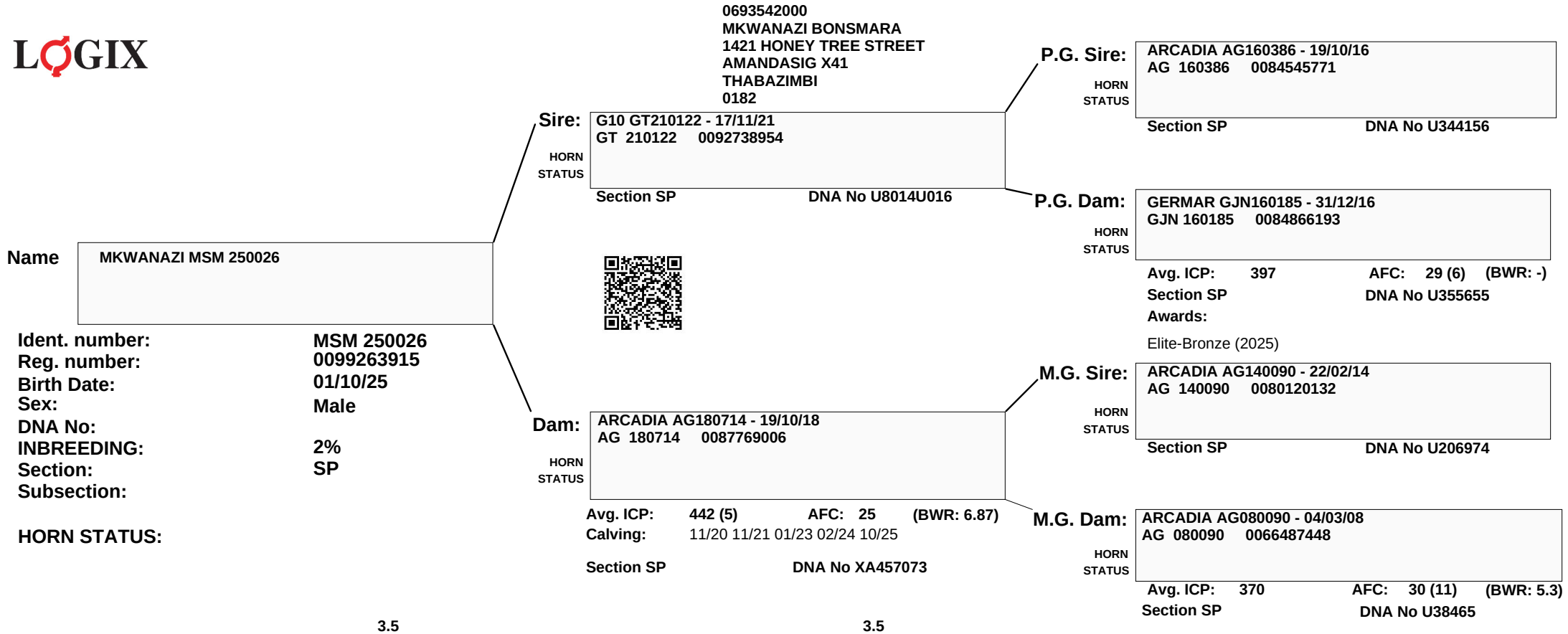


09/2026	CALVING EASE ★★★★		MILK ★★★★	CALF GRWTH ★★★	MAINTENANCE ★★★		GROWTH TEST					FERTILITY ★★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
Selection Value	106 ⁵⁷		112 ³⁵	87 ⁵⁹	96 ⁴⁰							104 ²²			★★★★		
	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	107	96	112	87	86	102	99	100	95	99	101	101	99	96	95 ⁴²	- -	- -
EBV	0.23 ⁶⁴	-.09 ³²	7.3 ³⁵	8.2 ⁵⁹	12.7 ⁴⁶	25.3 ⁴⁰	75.9 ¹⁹	42.1 ¹⁹	28.7 ¹²	13.1 ¹⁹	-2.5 ²¹	13.1 ²¹	-8.6 ²⁰	0.2 ¹²	In Vitro		
Measurements	32(6.4%)			179 ⁽⁸⁴⁾	280 ⁽¹⁰²⁾	- (-)	-	-	-	-	-	-					

Three generation pedigree

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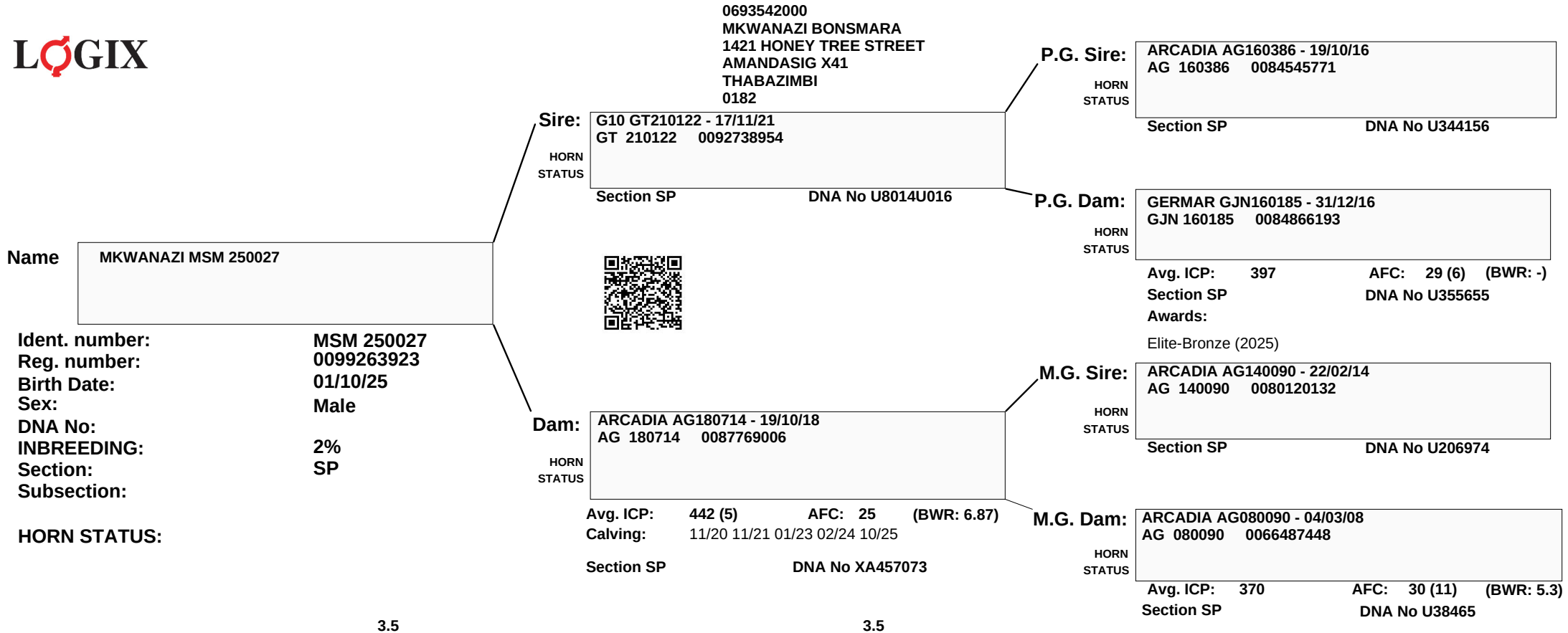


09/2026	CALVING EASE ★★★		MILK ★★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	93 ⁶⁵		106 ⁴⁴	110 ⁵²	102 ⁴⁵							86 ³⁰			★★★★	★★★★	★★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	91	104	106	110	110	95	103	101	101	104	103	96	83	88	102 ⁴⁴	102 ²⁴	102 ⁴⁰
EBV	1.9 ⁷⁰	-.49 ⁴⁵	5.5 ⁴⁴	20.4 ⁵²	34.2 ⁴⁶	15.5 ⁴⁵	92.1 ²⁹	44.3 ²⁹	37.5 ¹⁷	17.2 ³⁰	-.5 ³²	10.6 ³²	0.4 ²⁹	1.7 ¹⁸			
Measurements	33(6.6%)			150 ⁽⁹⁵⁾	- ⁽⁻⁾	- ⁽⁻⁾	-	-	-	-	-	-					

Three generation pedigree

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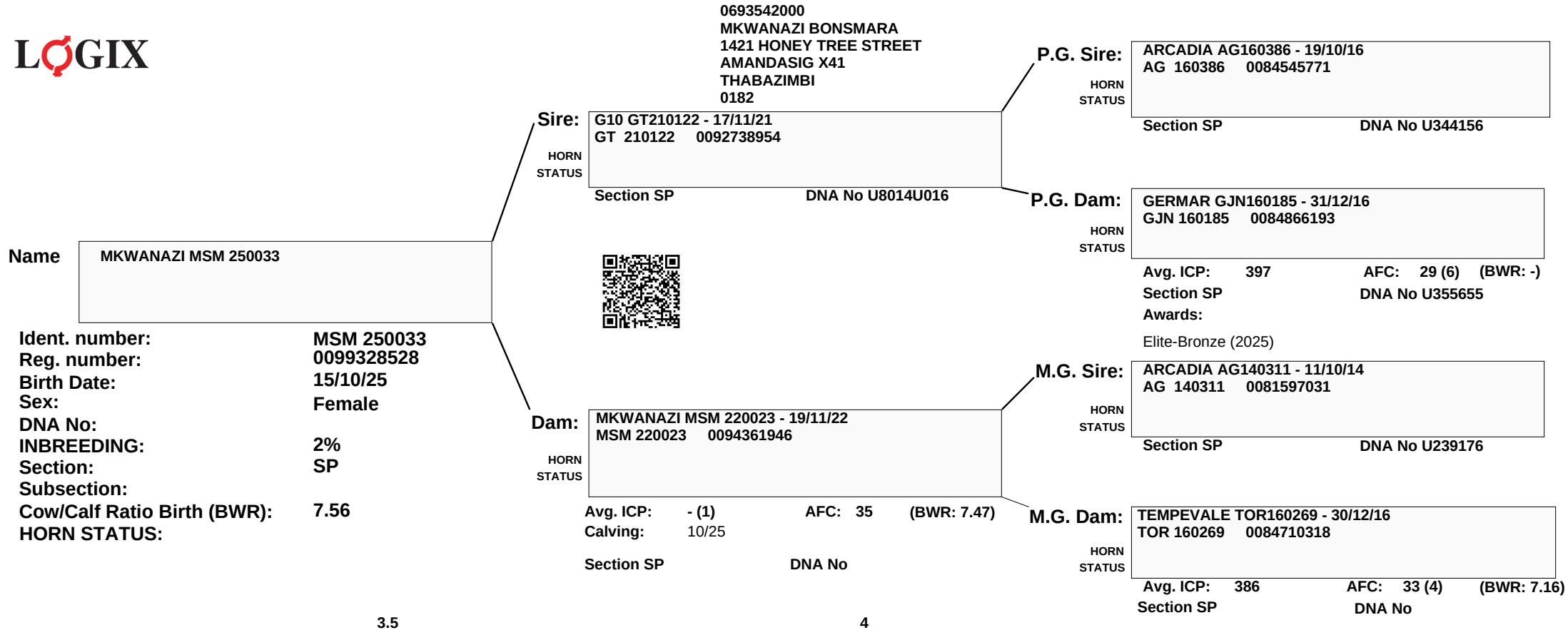


09/2026	CALVING EASE ★★★★		MILK ★★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	101 ⁶⁵		105 ⁴⁴	106 ⁵²	102 ⁴⁵							86 ³⁰			★★★★	★★★★	★★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	99	104	105	106	107	95	103	101	101	104	103	96	83	88	102 ⁴⁴	102 ²⁴	102 ⁴⁰
EBV	1.05 ⁷⁰	-.47 ⁴⁵	5.3 ⁴⁴	18.4 ⁵²	31.6 ⁴⁶	15.5 ⁴⁵	92.1 ²⁹	44.3 ²⁹	37.5 ¹⁷	17.2 ³⁰	-.5 ³²	10.6 ³²	0.4 ²⁹	1.7 ¹⁸			
Measurements	29(5.8%)			159 ⁽¹⁰⁵⁾	- ⁽⁻⁾	- ⁽⁻⁾	-	-	-	-	-	-					

Three generation pedigree

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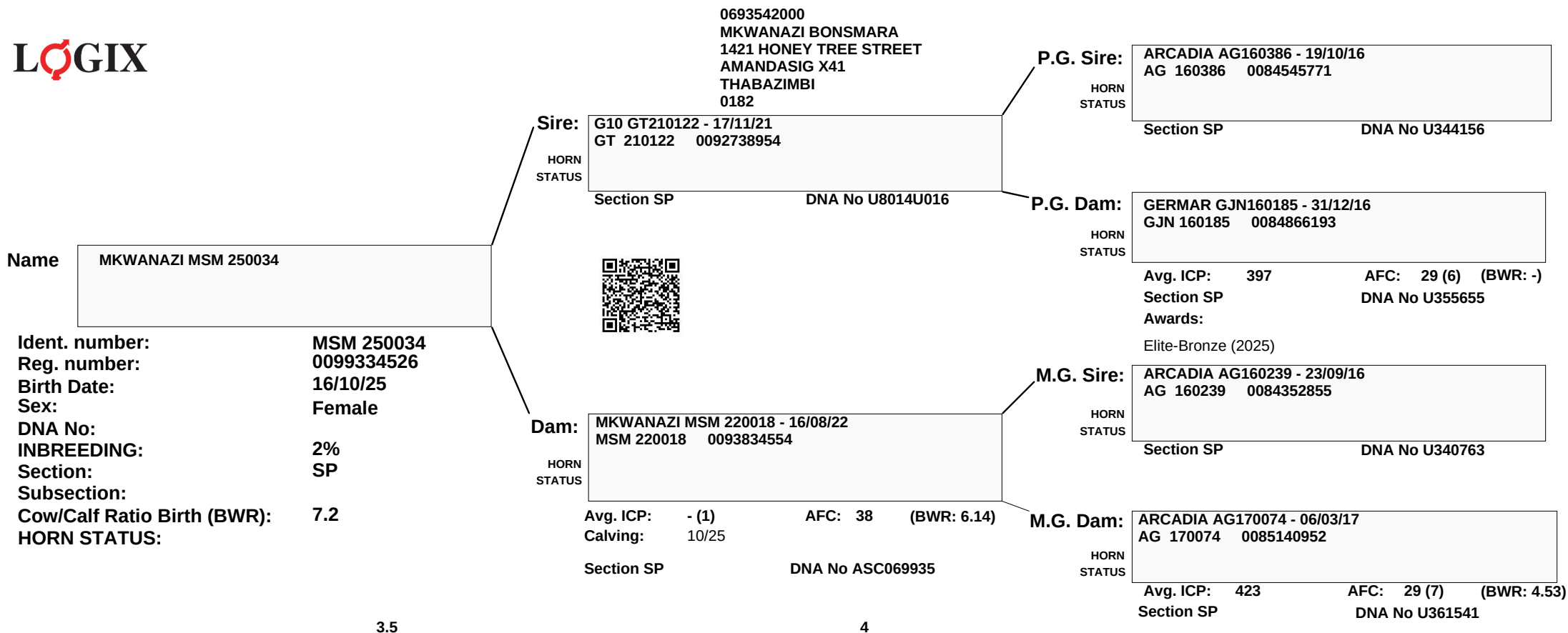


09/2026	CALVING EASE ★★★★		MILK ★★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	107 ⁶³		113 ⁴²	106 ⁶⁴	106 ⁴⁴							94 ²⁹			★★★★	★★★★	★★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	107	102	113	106	104	92	105	101	102	107	102	101	90	94	114 ⁴⁷	103 ²⁴	113 ⁴²
EBV	0.28 ⁶⁹	-.39 ⁴⁰	7.6 ⁴²	18 ⁶⁴	28.2 ⁴⁷	10 ⁴⁴	99.5 ²⁸	45.6 ²⁸	39.6 ¹⁷	20 ²⁸	-1.2 ³⁰	13.1 ³¹	-3.2 ²⁷	0.5 ¹⁷	In Vitro		
Measurements	30(7.6%)			235 ⁽¹¹⁸⁾	- ⁽⁻⁾	- ⁽⁻⁾	-	-	-	-	-	-					

Three generation pedigree

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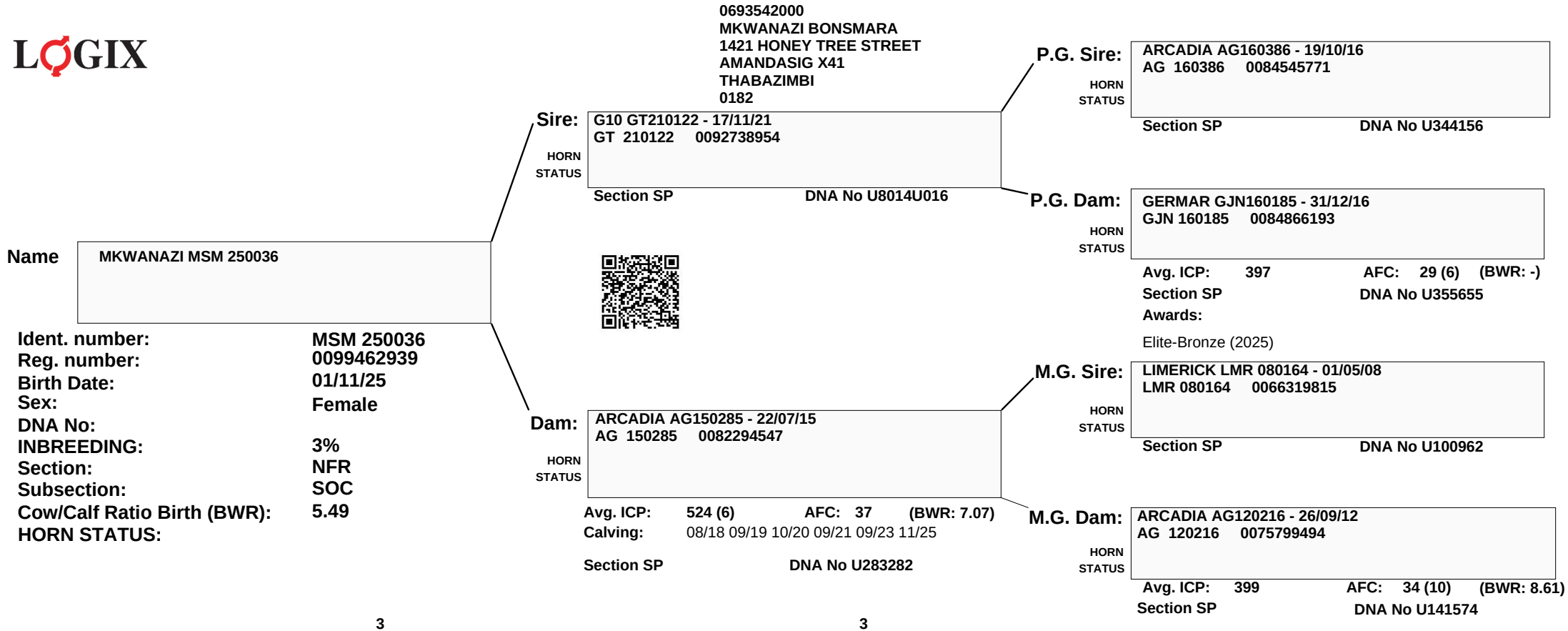


09/2026	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	112 ⁶³		94 ⁴³	105 ⁶⁵	108 ⁴³							107 ³⁰			★★★★	★★★★	★★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	110	107	94	105	102	91	105	108	100	94	85	123	96	105	114 ⁴⁸	102 ²⁴	112 ⁴³
EBV	-.07 ⁶⁹	-.63 ⁴⁰	1.8 ⁴³	17.7 ⁶⁵	26.5 ⁴⁶	8.7 ⁴³	98.9 ³⁰	60.2 ³⁰	36.4 ¹⁵	8 ³¹	-15.3 ³³	26.7 ³⁴	-6.8 ³⁰	-1.4 ¹⁸	In Vitro		
Measurements	29(7.2%)			201 ⁽⁹⁹⁾	- ⁽⁻⁾	- ⁽⁻⁾	-	-	-	-	-	-					

Three generation pedigree

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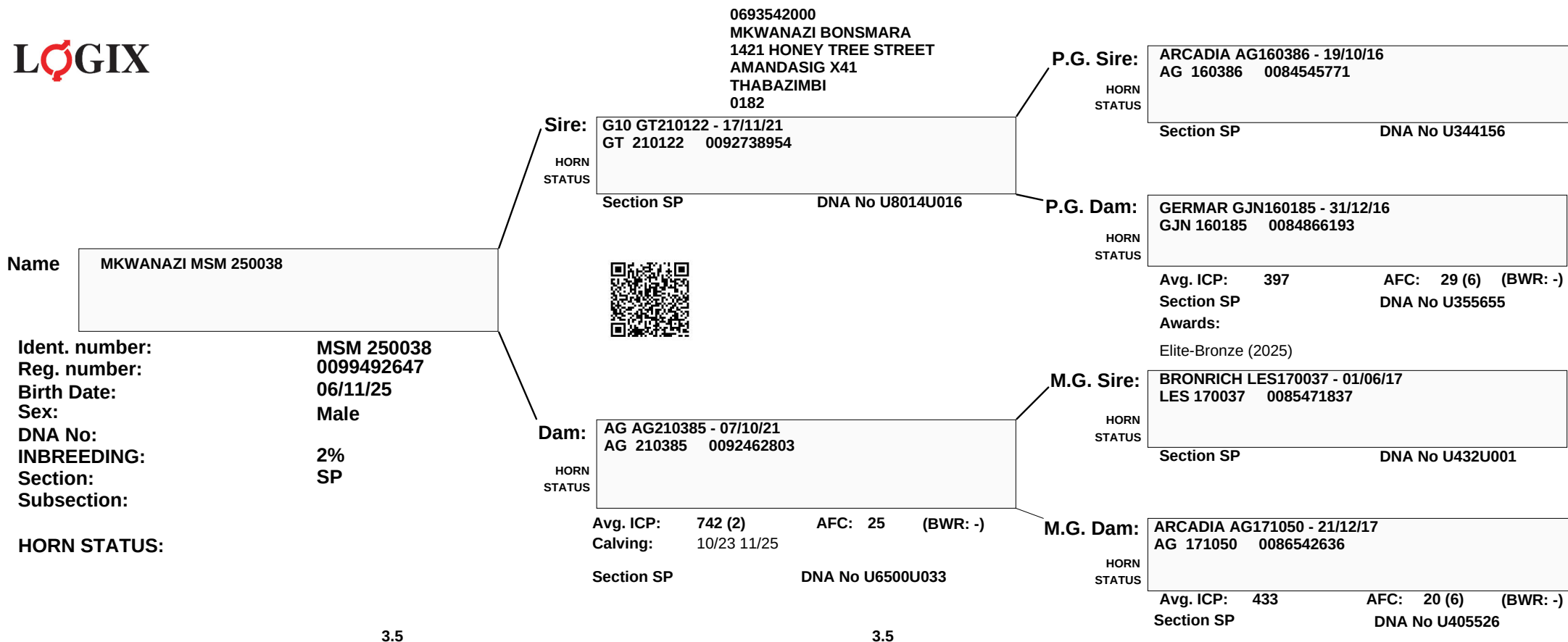


09/2026	CALVING EASE ★★★★		MILK ★★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	110 ⁶⁷		102 ⁴⁹	93 ⁶⁸	110 ⁴⁵							81 ³³			★★★	★★★	★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	109	101	102	93	94	89	96	95	92	96	96	96	76	87	91 ⁵¹	98 ²⁴	90 ⁴⁶
EBV	0.01 ⁷²	-.35 ⁴⁶	4.4 ⁴⁹	11.3 ⁶⁸	19.3 ⁴⁹	5.5 ⁴⁵	63.9 ²⁹	30 ²⁹	23.7 ¹⁹	9.7 ²⁹	-6.3 ³¹	10.4 ³²	4.7 ³³	1.8 ²⁰	In Vitro		
Measurements	28(5.5%)			199 ⁽⁹⁸⁾	- ⁽⁻⁾	- ⁽⁻⁾	-	-	-	-	-	-					

Three generation pedigree

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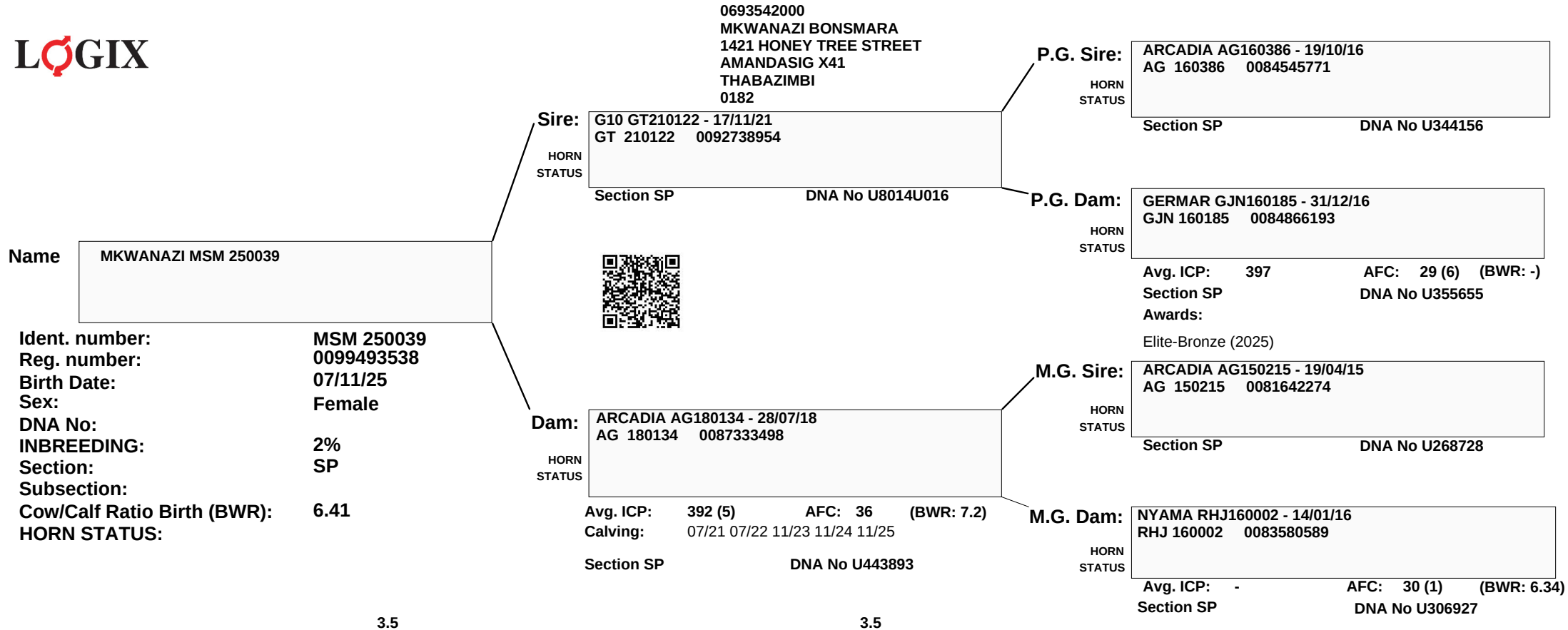


09/2026	CALVING EASE ★★★★		MILK ★★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	109 ⁶⁵		103 ⁴¹	101 ⁶⁶	114 ⁴³		ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP	★★★★	★★★★	★★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght											
EBV Index	105	115	103	101	100	86	105	107	106	98	96	112	93	87	106 ⁴⁸	104 ²²	105 ⁴³
EBV	0.48 ⁷¹	-.98 ⁴⁰	4.5 ⁴¹	15.6 ⁶⁶	24.6 ⁴⁶	1.3 ⁴³	99.1 ²⁸	59.2 ²⁸	45.7 ¹⁵	11.4 ²⁹	-6.1 ³¹	20.2 ³²	-4.9 ²⁶	1.7 ¹⁶			
Measurements	30(7.6%)			223 ⁽¹⁰⁰⁾	- ⁽⁻⁾	- ⁽⁻⁾	-	-	-	-	-	-					

Three generation pedigree

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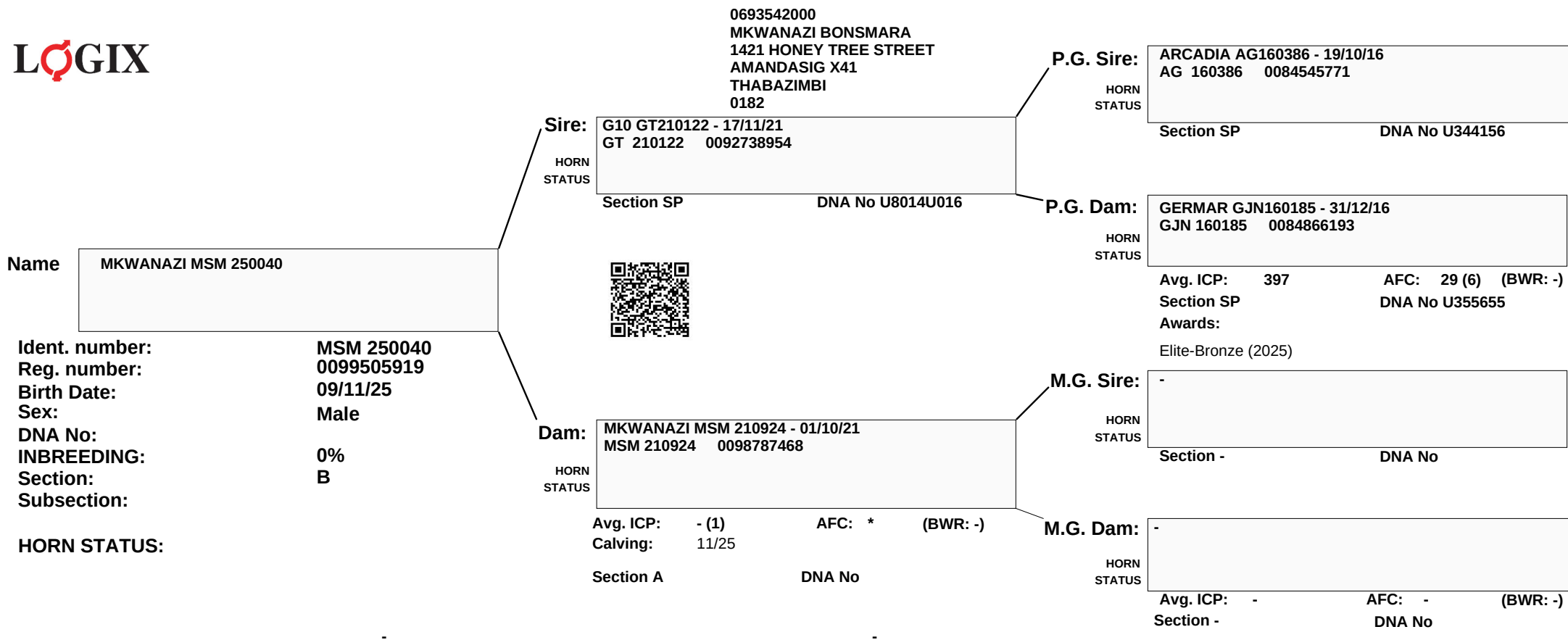


09/2026	CALVING EASE ★★★		MILK ★★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	97 ⁶⁵		105 ⁴⁶	106 ⁶⁷	108 ⁴⁴		ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP	★★★★	★★★★	★★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght											
EBV Index	96	103	105	106	101	90	102	101	103	98	97	111	87	99	107 ⁴⁹	101 ²⁴	106 ⁴⁴
EBV	1.44 ⁷¹	-.44 ⁴³	5.2 ⁴⁶	18.3 ⁶⁷	26.1 ⁴⁸	8 ⁴⁴	85.8 ³⁰	44.2 ³⁰	-41.6 ¹⁵	11.8 ³¹	-5.6 ³³	19.2 ³³	-1.8 ³¹	-4 ¹⁸	In Vitro		
Measurements	33(6.4%)			221 ⁽¹⁰⁸⁾	- ⁽⁻⁾	- ⁽⁻⁾	-	-	-	-	-	-					

Three generation pedigree

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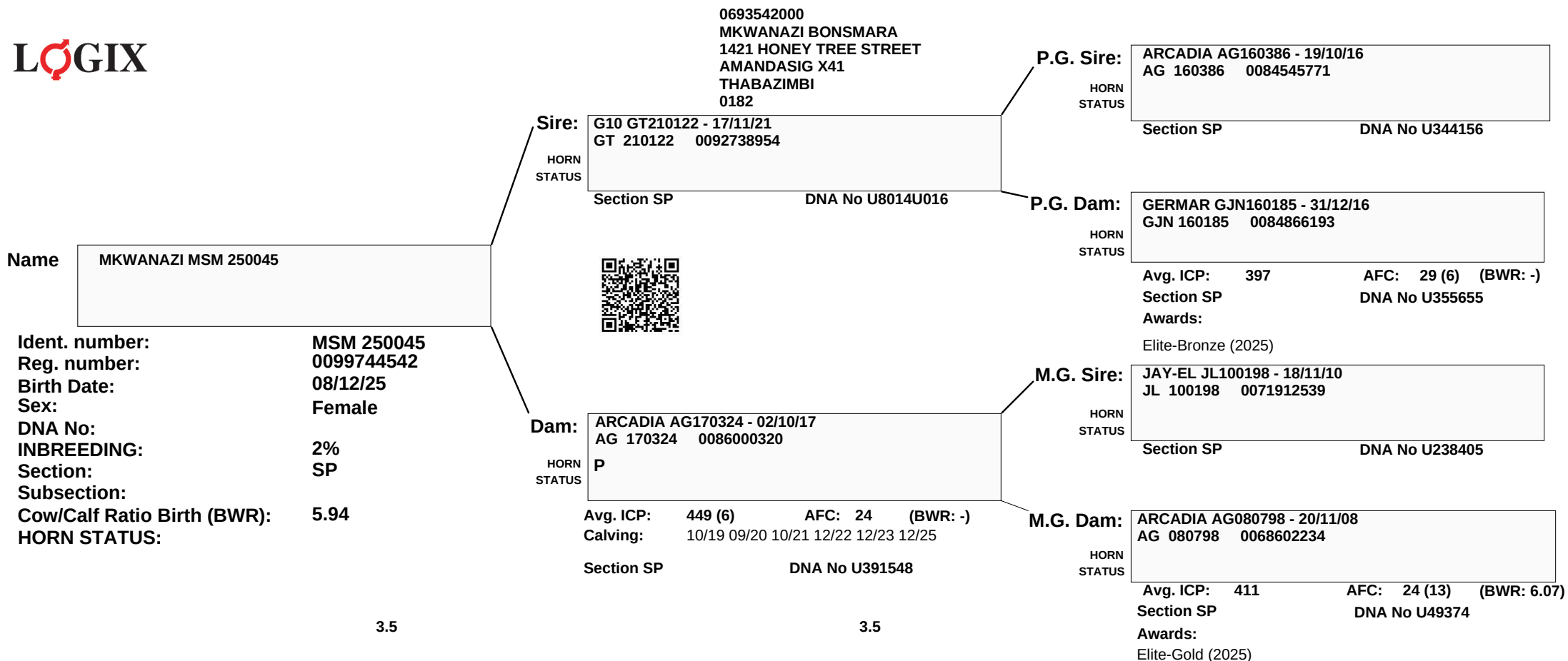


09/2026	CALVING EASE ★★★★		MILK ★★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
Selection Value	106 57		112 35	90 59	103 27							103 22			★★★★		
EBV Index	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV	107	99	112	90	86	95	101	100	96	102	103	102	98	96	100 40	- -	- -
Measurements	0.29 64	-.22 32	7.5 35	9.3 59	12.3 35	14.5 27	81.5 19	42.1 19	29.9 12	15.5 19	-.9 21	13.9 21	-8 20	0.2 12			
	30(6.6%)			222 (100)	- (-)	- (-)	-	-	-	-	-	-					

Three generation pedigree

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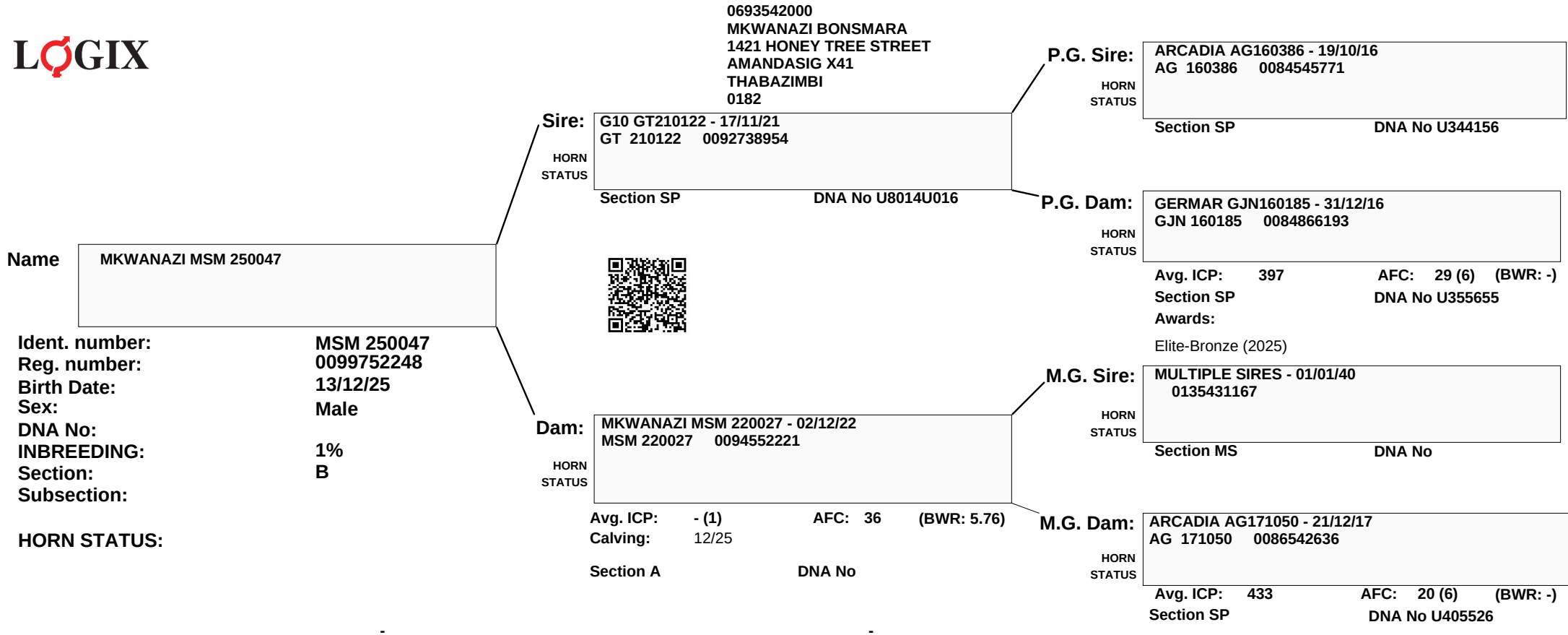


09/2026	CALVING EASE ★★★★		MILK ★★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	107 ⁶⁷		109 ⁴⁷	100 ⁶⁵	102 ⁴⁶		ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP	★★★★	★★★★	★★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght											
EBV Index	106	105	109	100	102	95	103	99	99	103	106	106	90	98	107 ⁵⁰	103 ²⁶	106 ⁴⁵
EBV	0.39 ⁷²	-.52 ⁴⁷	6.6 ⁴⁷	15 ⁶⁵	27.1 ⁵⁰	15.4 ⁴⁶	90.1 ³²	40 ³²	34.4 ²⁰	16.4 ³²	1.5 ³⁴	16.5 ³⁵	-3.6 ³⁵	-3 ²³	In Vitro		
Measurements	30(5.9%)			185 ⁽¹⁰⁰⁾	- ⁽⁻⁾	- ⁽⁻⁾	-	-	-	-	-	-					

Three generation pedigree

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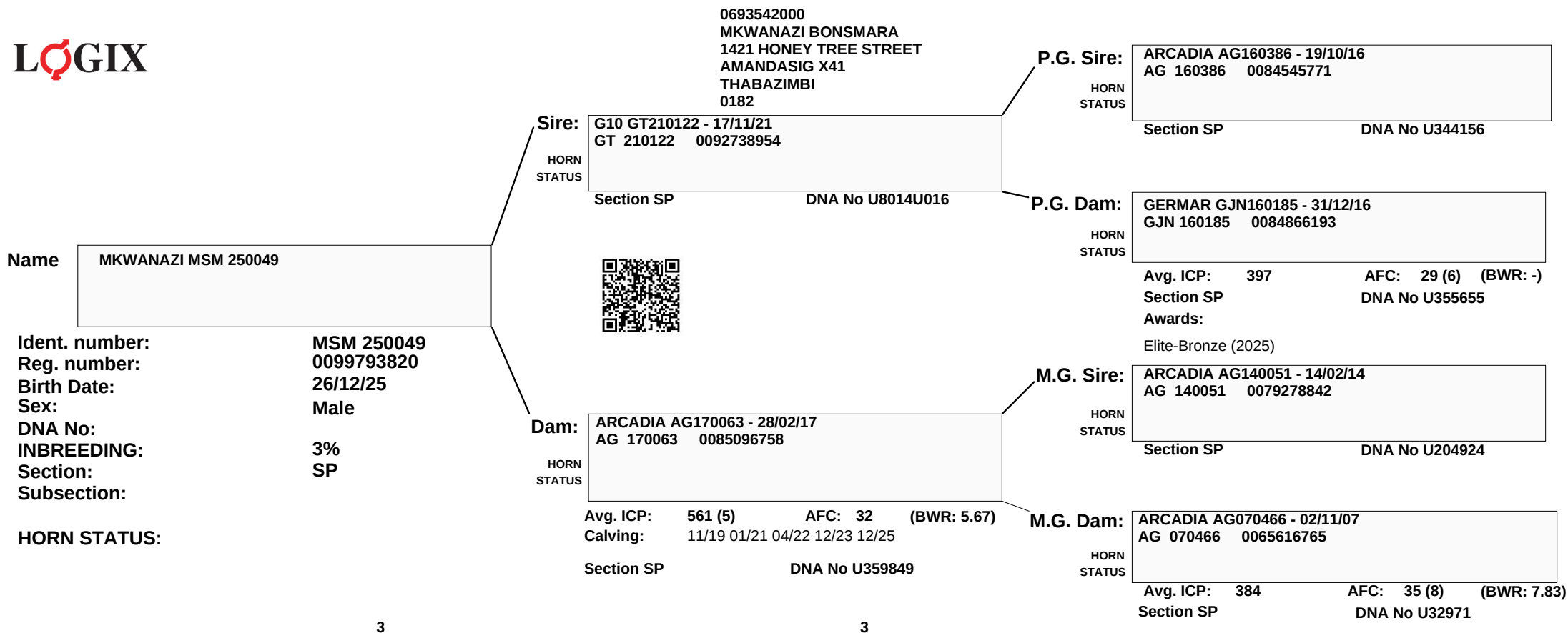


09/2026	CALVING EASE ★★★★★		MILK ★★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	127 ⁶¹		101 ³⁵	91 ⁴⁹	109 ³³							97 ²⁵			★★★★		
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	122	117	101	91	89	89	96	98	94	93	93	103	99	97	105 ³⁹	- -	- -
EBV	-1.3 ⁶⁸	-1.08 ³⁶	4.1 ³⁵	10 ⁴⁹	15.3 ⁴⁴	6.6 ³³	64.2 ²³	38.1 ²³	26.6 ¹⁴	7.2 ²³	-8.4 ²⁵	14.7 ²⁶	-8.3 ²⁵	-1 ¹⁵			
Measurements	22(5.9%)			- (-)	- (-)	- (-)	-	-	-	-	-	-					

Three generation pedigree

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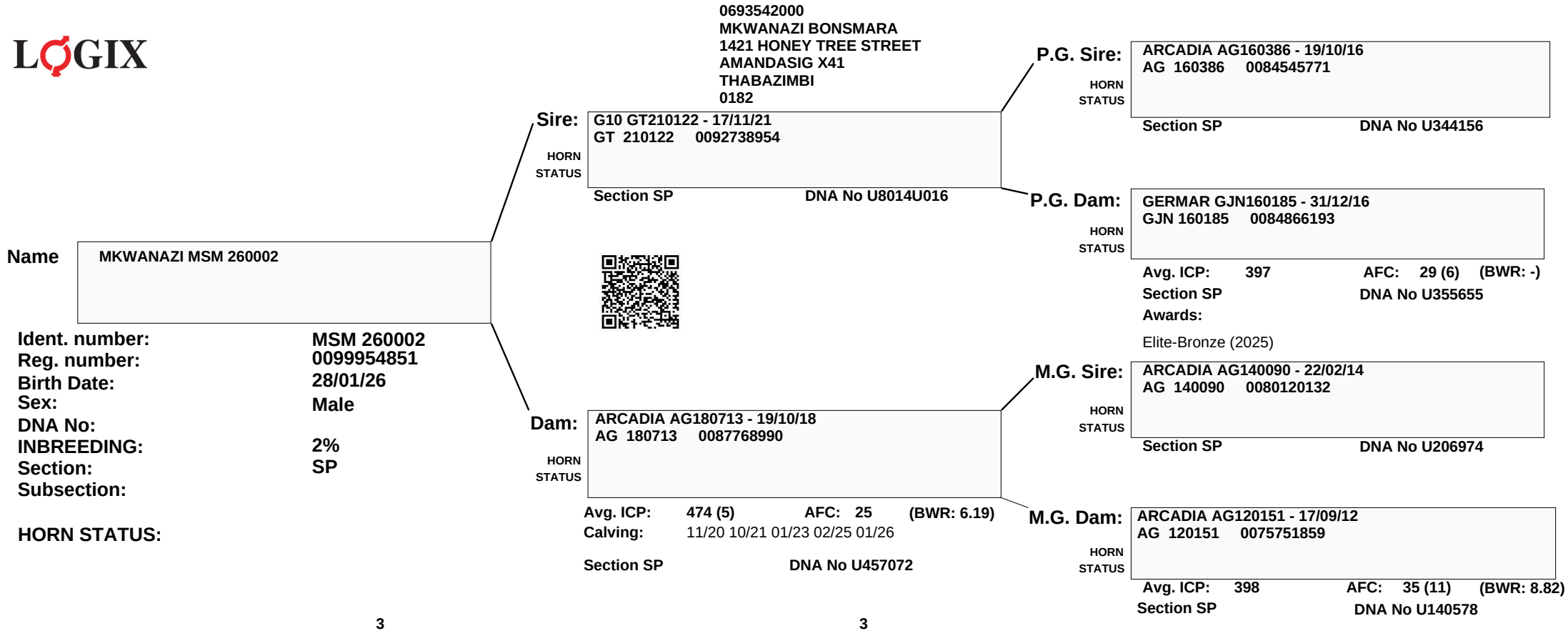


09/2026	CALVING EASE ★★★★		MILK ★★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	119 ⁶⁷		101 ⁴⁶	97 ⁶⁵	106 ⁴⁶							74 ³³			★★★	★★★	★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	117	108	101	97	96	92	98	98	87	88	87	97	71	81	94 ⁵⁰	99 ²⁶	94 ⁴⁵
EBV	-.75 ⁷²	-.65 ⁴⁶	4 ⁴⁶	13.1 ⁶⁵	21.7 ⁴⁸	10.3 ⁴⁶	70 ³²	38.2 ³²	15.5 ¹⁸	2.8 ³²	-13.5 ³⁴	10.7 ³⁵	7.6 ³⁴	2.8 ²⁰			
Measurements	27(5.2%)			202 ⁽¹⁰⁹⁾	- ⁽⁻⁾	- ⁽⁻⁾	-	-	-	-	-	-					

Three generation pedigree

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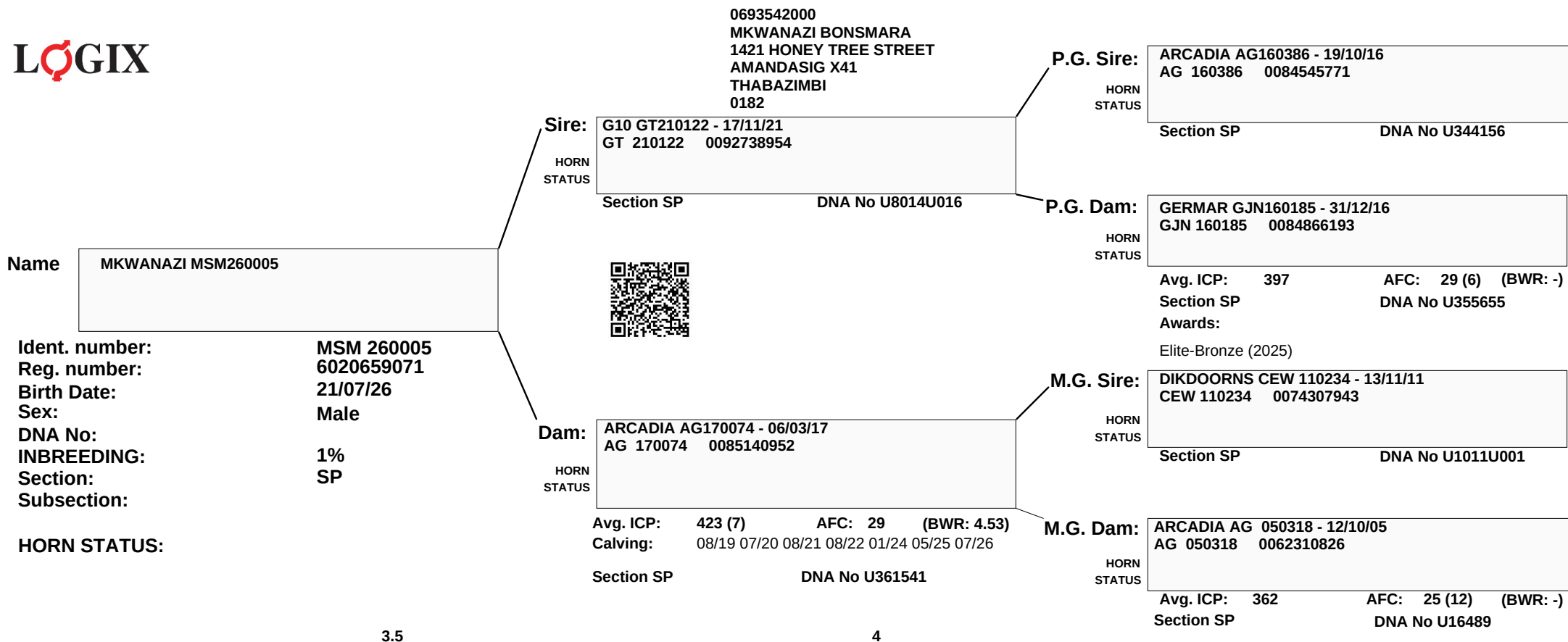


09/2026	CALVING EASE ★★★★		MILK ★★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	102 66		102 45	105 65	103 45							84 31			★★★	★★★	★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	100	108	102	105	105	95	98	99	95	98	98	96	78	86	99 49	96 22	97 44
EBV	1 72	-.64 44	4.4 45	17.5 65	29.9 48	14.2 45	71.7 27	39.3 27	28.5 16	12.1 28	-4.4 30	10.1 31	3.7 32	2 18			
Measurements	36(6.7%)			181 (91)	- (-)	- (-)	-	-	-	-	-	-					

Three generation pedigree

compiled by the S.A. Stud Book and Animal Improvement Association

BONSMARA

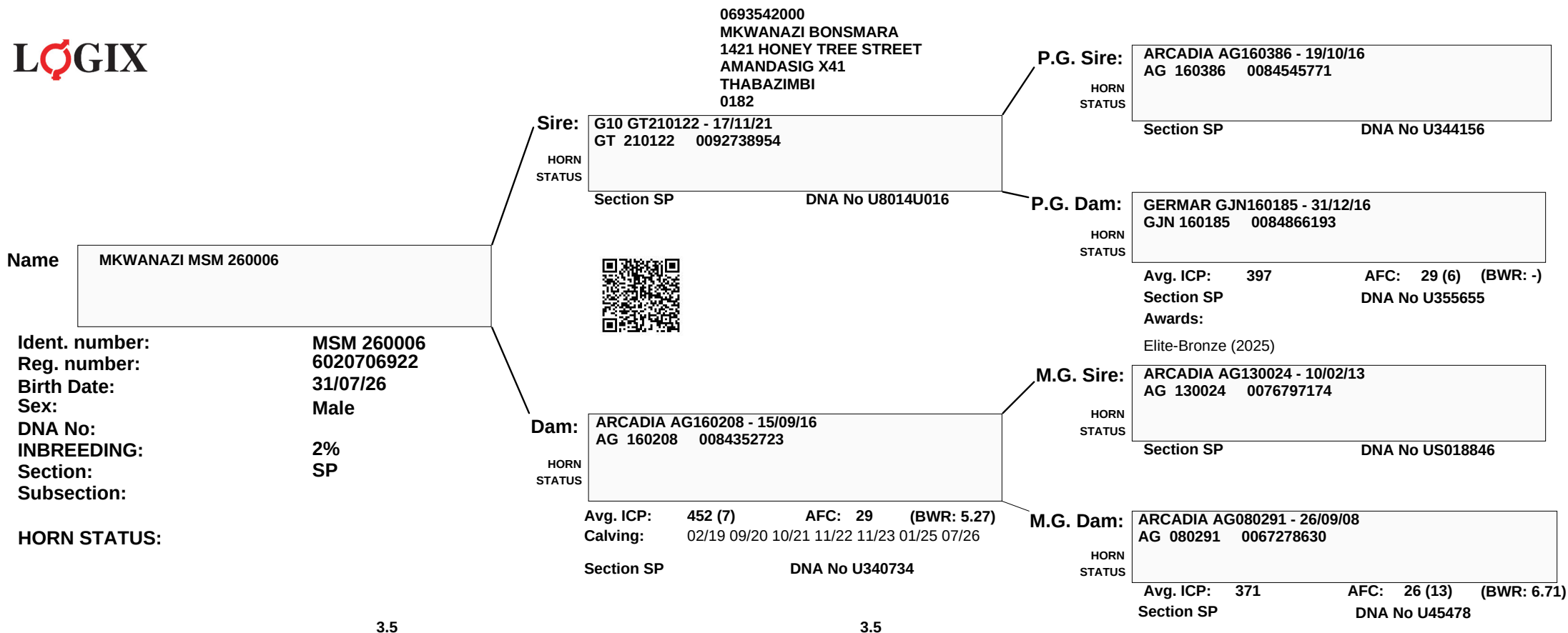


09/2026	CALVING EASE ★★★★		MILK ★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	118 ⁶⁴		97 ⁴⁸	102 ⁵⁵	102 ⁴⁶							107 ³⁴			★★★★	★★★★	★★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	114	114	97	102	99	97	101	101	98	95	92	115	98	108	113 ⁴⁶	100 ²⁶	111 ⁴²
EBV	-.47 ⁶⁸	-.96 ⁴⁷	2.7 ⁴⁸	15.9 ⁵⁵	24 ⁴⁹	17.4 ⁴⁶	82.4 ³²	43.9 ³²	-33 ¹⁹	9.4 ³²	-9.7 ³⁵	21.7 ³⁵	-8.1 ³⁵	-2 ²²			
Measurements	29(5.8%)			- (-)	- (-)	- (-)	-	-	-	-	-	-					

Three generation pedigree

compiled by the S.A. Stud Book and Animal Improvement Association

BONSMARA



09/2026	CALVING EASE ★★★★★		MILK ★★★	CALF GRWTH ★★★	MAINTENANCE ★★★★★		GROWTH TEST					FERTILITY ★★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	120 ⁶⁴		99 ⁴⁸	96 ⁵⁵	110 ⁴⁶							104 ³⁴			★★★★	★★★★	★★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	118	105	99	96	95	89	102	106	94	91	94	102	95	110	110 ⁴⁶	101 ²⁸	108 ⁴²
EBV	-.93 ⁶⁸	-.53 ⁴⁷	3.4 ⁴⁸	12.9 ⁵⁵	20.8 ⁵²	5.4 ⁴⁶	88.7 ³⁴	56.5 ³⁴	-26 ¹⁹	6.1 ³⁵	-7.7 ³⁶	14.1 ³⁷	-6.4 ³⁵	-2.4 ²²			
Measurements	30(6.1%)			- (-)	- (-)	- (-)	-	-	-	-	-	-					

Three generation pedigree

compiled by the S.A. Stud Book and Animal Improvement Association

BONSMARA



Name MKWANAZI MSM 230051

Ident. number: MSM 230051
Reg. number: 6020707706
Birth Date: 01/10/23
Sex: Female
DNA No:
INBREEDING: 0%
Section: A
Subsection:
Cow/Calf Ratio Birth (BWR): -
HORN STATUS: -

Sire: -
HORN STATUS
Section - DNA No

P.G. Sire: -
HORN STATUS
Section - DNA No

P.G. Dam: -
HORN STATUS
Avg. ICP: - AFC: - (BWR: -)
Section - DNA No

Dam: -
HORN STATUS
Section - DNA No

M.G. Sire: -
HORN STATUS
Section - DNA No

M.G. Dam: -
HORN STATUS
Avg. ICP: - AFC: - (BWR: -)
Section - DNA No

Avg. ICP: - (-) **AFC:** - **(BWR: -)**
Calving: -
Section - DNA No



09/2026	CALVING EASE		MILK	CALF GRWTH	MAINTENANCE		GROWTH TEST					FERTILITY			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
Selection Value	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EBV Index	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EBV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	In Vitro	-	-
Measurements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Three generation pedigree

compiled by the S.A. Stud Book and Animal Improvement Association

BONSMARA



Name MKWANAZI MSM 240071

Ident. number: MSM 240071
Reg. number: 6020707714
Birth Date: 01/10/24
Sex: Female
DNA No:
INBREEDING: 0%
Section: A
Subsection:
Cow/Calf Ratio Birth (BWR): -
HORN STATUS: -

Sire: -
HORN STATUS
Section - DNA No

P.G. Sire: -
HORN STATUS
Section - DNA No

P.G. Dam: -
HORN STATUS
Section - DNA No
Avg. ICP: - AFC: - (BWR: -)
Section - DNA No

Dam: -
HORN STATUS
Section - DNA No

M.G. Sire: -
HORN STATUS
Section - DNA No

M.G. Dam: -
HORN STATUS
Section - DNA No
Avg. ICP: - AFC: - (BWR: -)
Section - DNA No

Avg. ICP: - (-) **AFC:** - **(BWR: -)**
Calving: -
Section - DNA No



09/2026	CALVING EASE		MILK	CALF GRWTH	MAINTENANCE		GROWTH TEST					FERTILITY			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
Selection Value	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EBV Index	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EBV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	In Vitro	-	-
Measurements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Three generation pedigree

compiled by the S.A. Stud Book and Animal Improvement Association

BONSMARA



Name MKWANAZI MSM 230120

Ident. number: MSM 230120
Reg. number: 6020707722
Birth Date: 01/10/23
Sex: Female
DNA No:
INBREEDING: 0%
Section: A
Subsection:
Cow/Calf Ratio Birth (BWR): -
HORN STATUS: -

Sire: -
HORN STATUS
Section - DNA No

P.G. Sire: -
HORN STATUS
Section - DNA No

P.G. Dam: -
HORN STATUS
Section - DNA No
Avg. ICP: - AFC: - (BWR: -)
Section - DNA No

Dam: -
HORN STATUS
Section - DNA No

M.G. Sire: -
HORN STATUS
Section - DNA No

M.G. Dam: -
HORN STATUS
Section - DNA No
Avg. ICP: - AFC: - (BWR: -)
Section - DNA No

Avg. ICP: - (-) **AFC:** - **(BWR: -)**
Calving: -
Section - DNA No

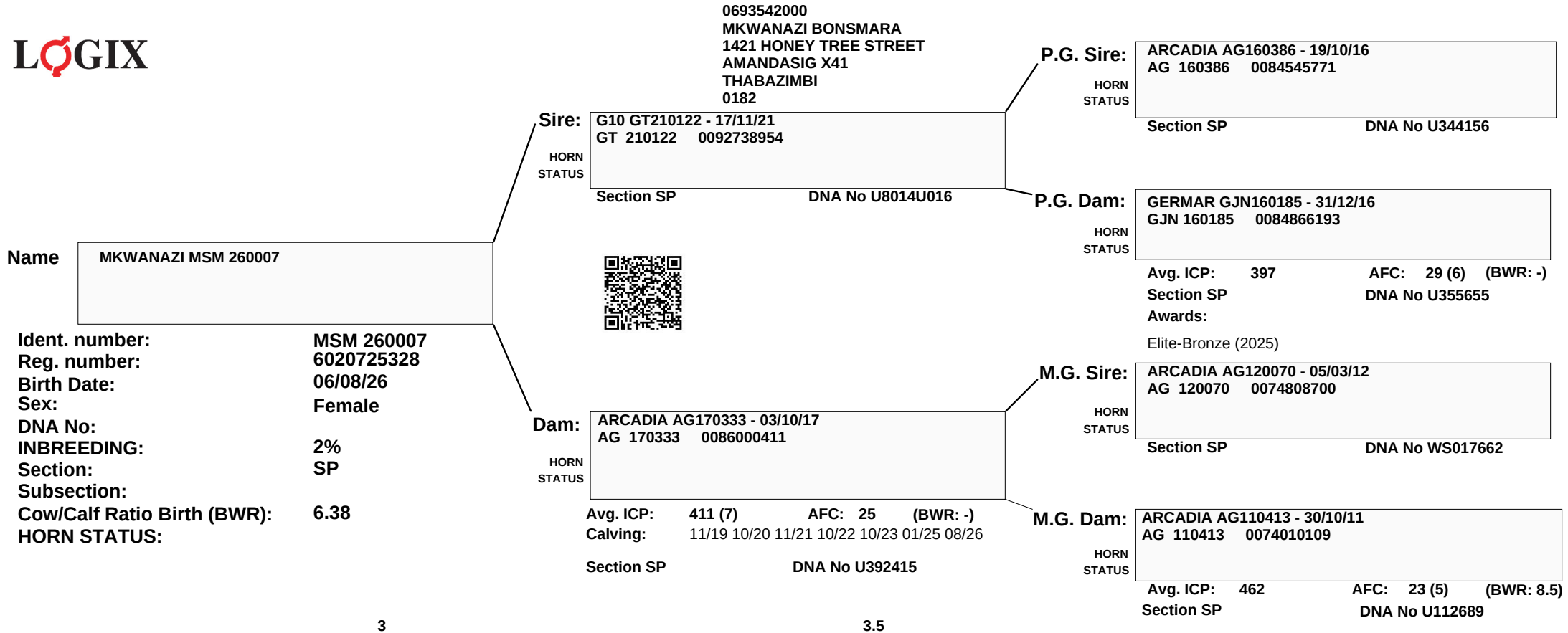


09/2026	CALVING EASE		MILK	CALF GRWTH	MAINTENANCE		GROWTH TEST					FERTILITY			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
Selection Value	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EBV Index	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EBV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	In Vitro	-	-
Measurements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Three generation pedigree

compiled by the S.A. Stud Book and Animal Improvement Association

BONSMARA

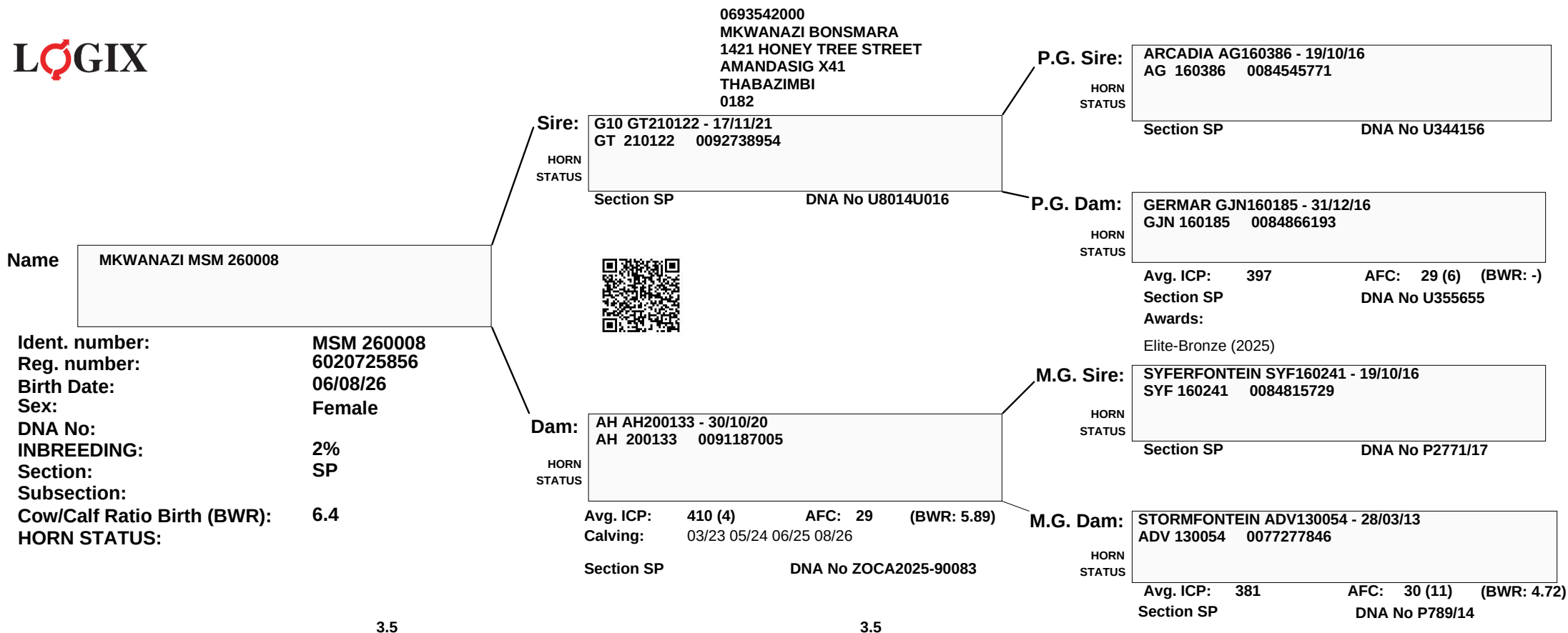


09/2026	CALVING EASE ★★★★		MILK ★★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	107 ⁶⁵		108 ⁴⁶	101 ⁵⁵	103 ⁴⁶							89 ³³			★★★★	★★★	★★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	104	110	108	101	99	95	94	92	92	92	93	102	93	86	102 ⁴⁶	94 ²⁶	100 ⁴²
EBV	0.57 ⁷⁰	-.74 ⁴⁷	6.1 ⁴⁶	15.3 ⁵⁵	24.3 ⁵⁰	14.5 ⁴⁶	57.4 ³¹	25.1 ³¹	22.8 ¹⁹	7 ³¹	-8.4 ³³	13.8 ³⁴	-5 ³⁴	2 ²¹	In Vitro		
Measurements	30(6.4%)			- (-)	- (-)	- (-)	-	-	-	-	-	-					

Three generation pedigree

compiled by the S.A. Stud Book and Animal Improvement Association

BONSMARA

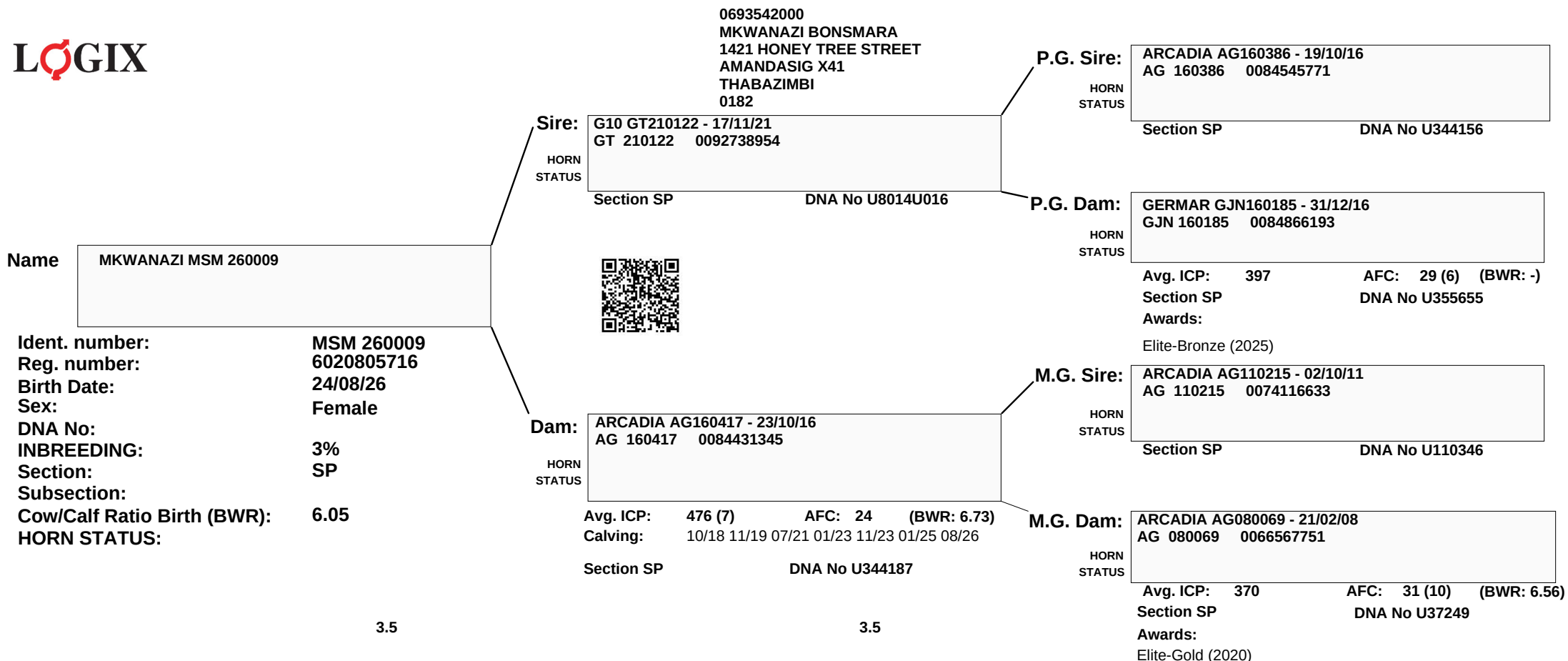


09/2026	CALVING EASE ★★★★		MILK ★★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	105 ⁶⁴		100 ⁴⁷	103 ⁵⁵	104 ⁴⁶							99 ³³			★★★★	★★★★	★★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	105	102	100	103	104	94	101	103	96	95	95	104	98	96	106 ⁴⁶	100 ²⁶	105 ⁴²
EBV	0.45 ⁶⁹	-.36 ⁴⁵	3.6 ⁴⁷	16.7 ⁵⁵	28.4 ⁵⁰	13.2 ⁴⁶	84.2 ³⁵	48.6 ³⁵	29.5 ¹⁵	9 ³⁵	-6.9 ³⁷	15.1 ³⁸	-7.7 ³⁵	0.1 ²¹	In Vitro		
Measurements	32(6.4%)			- (-)	- (-)	- (-)	-	-	-	-	-	-					

Three generation pedigree

compiled by the S.A. Stud Book and Animal Improvement Association

BONSMARA



09/2026	CALVING EASE ★★★★		MILK ★★★★	CALF GRWTH ★★★★	MAINTENANCE ★★★★		GROWTH TEST					FERTILITY ★★★			COW VALUE	GROWTH VALUE	PRODUCTION VALUE
	112 ⁶⁵		103 ⁴⁵	105 ⁵⁵	106 ⁴⁶							88 ³⁴			★★★★	★★★★	★★★★
Selection Value	Birth wght	Birth Mat.	Milk	Wean wght	Post wean	Mature wght	ADG	Kleiber	FCR	Length	Height	SC	AFC	ICP			
EBV Index	108	113	103	105	104	92	108	106	105	108	105	104	92	86	108 ⁴⁶	107 ²⁶	108 ⁴²
EBV	0.11 ⁷⁰	-.9 ⁴⁷	4.5 ⁴⁵	17.6 ⁵⁵	28.6 ⁵⁰	11.2 ⁴⁶	110.6 ³¹	55.9 ³¹	-44.3 ²¹	20.6 ³¹	0.8 ³³	15.4 ³⁴	-4.4 ³⁵	1.9 ²³	In Vitro		
Measurements	29(6.1%)			- (-)	- (-)	- (-)	-	-	-	-	-	-					