



WORLD FEDERATION OF AYRSHIRE BREED SOCIETIES
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16th August 2021

Dear Member,

The World Ayrshire Federation inform its breeders and members that there has been a Genetic recessive discovered in the International Ayrshire population. The recessive has been identified as Arthrogyposis Multiplex (AM), or commonly referred to as Curly Calf Syndrome. The original source of this genetic defect in the Ayrshire population is Peterslund (AYSWEM91213), who was born in 1997.

Over the coming weeks we will be working with relevant bodies to identify the carriers that may affect the Ayrshire population in your Countries and will advise breeders and members the best way forward. Please see below for a list of bulls that have been tested so far provided by Semex and we will endeavor to update this list as and when we receive updated data.

We will also aim to provide information on where you can get animals in your Countries tested for the recessive.

If you wish to read more about AM, then here is a link to the information given on the Lactanet website in Canada and a link to NAV.

[Canadian Dairy Network - Curly Calf Syndrome in Ayrshires \(cdn.ca\)](http://Canadian Dairy Network - Curly Calf Syndrome in Ayrshires (cdn.ca))

<https://nordicebv.info/ntm-and-breeding-values/genetic-traits/>

If you have any questions, please direct them to myself.

Kind Regards,

Claire Kimm
Executive Secretary

Here is a list of all Tested bulls for Arthrogyrosis Multiplex (AM) known as Curly Calf Syndrome in the Ayrshire Breed as of 16/08/21

This list has been kindly given by Semex and is the only known company so far to release data on Bulls Testing for Arthrogyrosis Multiplex (AM)

AMC = Positive Carrier to Arthrogyrosis Multiplex (AM)

AMF = Negative to Arthrogyrosis Multiplex (AM)

Semen Code	Reg #	Name	AMC Status	Sire	MGS
0200AYD1086	AY840M3151876805	HAZCROFT ADOBE-ET	AMC	ARTIST	ROCKSTAR
0200AYD1085	AYCANM111196732	LA CROISEE LOTTOEXTRA	AMC	ATHENOS	DECAF
0200AYD1081	AYCANM111086936	DES CRETES FANTASTIC	AMC	ATHENOS	REVOLUTION
0200AYD1082	AYCANM110779924	DES FLEURS ARISTOTE	AMC	ATHENOS	ROCKSTAR
0200AYD1088	AYCANM13285111	VISSERDALE SWIFTCODE-ET	AMC	PARAGUAY	ORRRARYD
0200AYD1083	AYCANM111345003	DES COTEAUX RUBYWAY	AMC	PARAGUAY	POKER
0200AYD1057	AYCANM110253075	COCK ROND KILOVOLT	AMC	REVOLUTION	ROCKSTAR
0200AYD1064	AYCANM110521388	COCK ROND NIRVANA	AMC	REVOLUTION	ROCKSTAR
0200AYD1069	AYCANM110506452	DES COTEAUX ASLAN	AMC	SITTLER	VOLVO
0200AYD1102	AYCANM120415198	LA CROISEE TORONTO	AMC	TOKYO	BIGSTAR
0200AYD1087	AYCANM111214511	MARGOT PLAYER-ET	AMC	TUXEDO	CALIMERO
0200AYD1056	AYCANM109052231	DES FLEURS PARAGUAY-ET	AMC	VALPAS	ROCKSTAR
0200AYD1074	AYCANM110774630	LA CROISEE YUKON	AMC	YALE	BIGSTAR
0200AYD1095	AYCANM120046266	KAMOURASKA YELLOWSTONE	AMC	YELLOW	AMAZING
0200AYD1065	AYCANM12211602	VISSERDALE SUTTER	AMF	ADIDAS	ORRRARYD
0200AYD1089	AYCANM111608182	MARILIE MELANOS-ET	AMF	ADIDAS	REALITY
0200AYD1067	AYCANM12597161	TILECROFT LUXURY	AMF	ADIDAS	ROCKSTAR
0200AYD1097	AYCANM110368187	PLEIN SOLEIL HUNTER	AMF	AMAZING	ROCKSTAR
0200AYD1080	AYCANM13070615	TILECROFT LANDMARK	AMF	AMAZING	ROCKSTAR
0200AYD1075	AYCANM110860904	DES COTEAUX RITCHY-ET	AMF	BIGTIME	ORRRARYD
0200AYD1084	AYCANM13285103	VISSERDALE STELLAR-ET	AMF	BIGTIME	ORRRARYD
0200AYD1062	AYCANM110136291	DES ERABLES IDOL	AMF	BLINK	PATRIOTE
0200AYD1068	AYCANM110319559	KAMOURASKA POLLSTAR P	AMF	CATERPILLAR-P	ORRRARYD
0200AYD1091	AYCANM13285118	VISSERDALE SAUMURE	AMF	CHELYOTE	YRITE
0200AYD1077	AYCANM111081741	MARBRAE PREFERENCE	AMF	IMAGINE	ROCKSTAR
0200AYD1061	AYCANM110154699	RUISSEAU CLAIR AMARULA -ET	AMF	IVANHOE	BURDETTE
0200AYD1090	AYCANM13285124	VISSERDALE SOLICITOR-ET	AMF	NIRVANA	ORRRARYD
0200AYD1058	AYCANM110335711	LAROC MAXXUM	AMF	NONSTOP	PREDATOR
0200AYD1099	AYCANM120430823	DES COTEAUX ARMAGEDDON	AMF	PRETZEL	REVOLUTION
0200AYD1078	AYCANM111075900	KILDARE ALPHA	AMF	REBELLION	R FACET
0200AYD1092	AYCANM120098726	PIE X RAOUL-ET	AMF	RENOIR	YALE
0200AYD1063	AYCANM109941528	DE LA PLAINE TIMING	AMF	REVOLUTION	BURDETTE
0200AYD1059	AYUSAM67402233	ROWLEY'S REVOLUTION COMMANDER	AMF	REVOLUTION	KANSAS
0200AYD1070	AY840M3012927866	COULEE-CREST CASHTON-ET	AMF	REVOLUTION	ROCKSTAR
0200AYD1055	AYCANM109814144	SEREINE MASON	AMF	RIESLING	REALITY
0200AYD1093	AYCANM111432820	LA SAPINIERE FACYBOB	AMF	ROB	PERFECTER
0200AYD1066	AYCANM110319542	KAMOURASKA RENOIR-ET	AMF	ROMANCER	BIGSTAR
0200AYD1071	AYCANM110600027	ROI ROTATION	AMF	ROMANCER	ROCKSTAR
0200AYD1101	AYCANM120011220	DES CRETES HUGHES	AMF	ROTATION	YALE
0200AYD1079	AYCANM111214090	MARILIE HALOGEN-ET	AMF	TUXEDO	BURDETTE
0200AYD1073	AYCANM110687717	DE LA PLAINE WATERLOO-ET	AMF	VALPAS	BURDETTE
0200AYD1060	AYCANM110414101	DES COTEAUX ROB-ET	AMF	VALPAS	MORDICUS
0200AYD1054	AYCANM110154638	RUISSEAU CLAIR ATHENOS-ET	AMF	VALPAS	OBUIQUE
0200AYD1076	AYCANM110765925	MARILIE MELBOURNE-ET	AMF	VALPAS	REVOLUTION
0200AYD1100	AYCANM120253187	PIE X WOODY	AMF	WATERLOO	BIGSTAR
0200AYD1072	AYCANM110771578	PIE X YELLOW-ET	AMF	YALE	ROCKSTAR
0200AYD1096	AYCANM120234216	MARDEL YELLOMI	AMF	YELLOW	AMAZING
0200AYD1098	AYCANM120430833	DES COTEAUX STERLING-ET	AMF	YELLOW	BIGSTAR
0200AYD1094	AYCANM111618441	PLEIN SOLEIL HIGHGEAR	AMF	YELLOW	CHELYOTE