

# SIRE SUMMARY



**Only the %wb (Within Breed) and Acc (Accuracy) have been printed in this publication for our sire summary.** As most breeders run entire herds of Blonde cattle it becomes the most relevant for comparing the cattle within your own herd and making decisions when breeding to other Blonde animals. For those of you unfamiliar with EPD's and their meanings we have included a guide as well which describes the %ABC (Across Breed Comparison) For those who have taken part in the CBDA Performance Program, you will note that your booklet with EPDs on each of your animals contains both %wb and %ABC. The %ABC will be useful for comparing your blonde animal with animals

of other breeds, and help to show potential commercial customers the EPD advantages of your Blonde animal.

A note when reading %wb - The higher numbers mean more of the trait (ie: more CE or calving ease) except in the case of BW in which case a higher number means less of the trait (ie: lower birth weight). The numbers go on a scale from 1-100 for each category. The breed average for each trait is 50. Anything above 50 would be considered above average and anything below is considered below average.

Accuracy (Acc) is presented as a percentage from 1-100. Numbers below 15 are only pedigree estimates; numbers below 35 only include the bulls own individual performance or very few progeny records. As we are able to accumulate more information on each animal, plus animals within their pedigrees the Accuracy for those animals will improve.

We have had many reach out asking for the breed averages in raw numbers (lbs), however those numbers mean very little unless comparing them in their individual herds. There are simply too many variables from farm to farm that change the raw weights of animals for them to be used for comparing across Blonde herds. EPD algorithms take into account a number of variables including environmental, feeding, and a variety of management practices to create a data set that can be used to compare animals from various herds while keeping all other things equal.



Registration Name Registration ID	Progeny# Herds	%wb Acc	CE	BW	WG	YG	MLK	MCE
AMARYLLIS NANCY NOEL 36X R4253	87 7	%wb Acc	54 80	47 93	14 86	20 77	75 63	54 66
AMBER AXEL 11A D3798	60 3	%wb Acc	58 75	72 91	33 78	36 62	34 54	84 53
AMBER ZACHARY 21Z D2885	88 5	%wb Acc	80 83	86 94	3 83	2 66	77 65	93 70
AQUARIUS MAGNET 04H R610	61 1	%wb Acc	13 63	50 80	53 63	79 60	1 71	5 68
ARAMIS R19361	5 1	%wb Acc	12 28	3 45	42 34	54 21	78 9	54 11
ARSHAS POLLED TROOPER 67T R17922	49 5	%wb Acc	39 76	42 90	69 81	24 67	7 66	1 61
ARSHAS POLLED UMPIRE 219U R18121	82 4	%wb Acc	88 79	72 94	19 88	26 67	37 56	30 56
BAR K DIESEL 02D R19562	2 1	%wb Acc	91 34	73 64	94 53	80 52	14 30	71 23
BEAU BOIS AIME 26A R6614	36 0	%wb Acc	25 68	22 87	63 57	63 54	50 37	30 49
BEAU BOIS CAFE 26C R8616	87 10	%wb Acc	1 76	4 92	92 83	96 72	10 53	11 54
BEAUFORT JULIAN 1F R161	38 1	%wb Acc	60 48	74 75	1 37	1 31	15 48	56 52
BEAVERMEADOW EXTREME 5E D16127	24 1	%wb Acc	92 59	97 82	23 56	28 41	88 30	69 34
BEAVERMEADOW WINCHESTER 32W R18395	11 1	%wb Acc	70 39	60 51	48 41	63 40	69 49	51 42
BEAVERMEADOW X RATED 9X R18598	5 0	%wb Acc	38 35	82 57	67 31	77 28	2 34	7 33
BELLEVUE'S KENWORTH 15K R15887	81 6	%wb Acc	2 79	22 94	5 88	3 75	59 65	15 63
BFC IGHA 1E R32	229 9	%wb Acc	16 88	20 95	11 89	27 88	21 88	40 88
BLACKWATER AINSLEY R18334	2 2	%wb Acc	39 10	26 28	32 20	68 12	44 20	35 12
BLON DELL 31B R8571	45 1	%wb Acc	78 71	64 89	1 64	5 51	44 47	11 49
BOV MAJESTY OF THE ALPS 1E R127	213 24	%wb Acc	14 84	22 93	73 90	92 85	58 83	35 79
BRILEEN HILL COWBOY CLIFFORD D16038	3 1	%wb Acc	43 23	21 40	32 27	13 23	1 22	12 20
BRYDOWNS PRIORITY 168F R12413	14 2	%wb Acc	20 51	15 77	19 45	23 36	7 40	9 38
BUTTERNUT CHIEF 03C R19784	44 1	%wb Acc	99 69	99 89	2 26	1 25	60 23	67 47
BUTTERNUT SKYE KING 26S R17741	8 1	%wb Acc	66 31	60 42	19 28	25 26	81 27	90 29
CANADIAN GOLD POLLED DANDY 10G D13776	46 1	%wb Acc	9 70	19 89	33 44	27 45	29 33	6 39
CANADIAN ROCKY 01T R2992	134 6	%wb Acc	9 86	15 95	18 72	33 64	12 65	15 79
CBSU IDUSKIA 1E R95	366 33	%wb Acc	35 89	21 95	11 95	18 87	10 87	7 83
CIA HUSSARD 1D R12	382 13	%wb Acc	1 81	4 93	54 86	66 81	6 83	54 79

Registration Name Registration ID	Progeny# Herds	%wb Acc	CE	BW	WG	YG	MLK	MCE
CIA JAGUAR 1F R86	382 13	%wb Acc	1 93	4 98	54 95	66 88	7 86	5 85
CLARE ELL MAX 49C R9344	118 15	%wb Acc	9 85	21 95	9 87	39 81	18 70	49 71
CLAY 12H R365	128 5	%wb Acc	2 82	14 93	70 84	88 79	4 81	7 82
CLEARIDGE FROSTY 1F R19972	1 1	%wb Acc	39 31	22 43	22 37	25 32	33 26	22 26
COMMANDER 517C R19685	2 1	%wb Acc	27 31	24 60	93 25	99 34	14 13	23 16
CRYSTAL ACE 15A R19003	9 2	%wb Acc	38 55	39 77	25 68	38 62	75 45	73 43
CRYSTAL AMBUSH 18A R19009	113 3	%wb Acc	13 84	38 95	48 91	7 79	94 73	2 64
CRYSTAL AUSTIN 28A R19002	63 1	%wb Acc	96 78	95 93	57 87	85 70	98 55	99 54
CRYSTAL BANDIT 25B R19205	15 1	%wb Acc	91 54	91 79	67 67	66 49	97 43	96 39
CRYSTAL BLADE 6B R19203	29 1	%wb Acc	29 66	30 87	69 80	33 61	94 56	51 48
CRYSTAL CHAMP 4C R19402	43 1	%wb Acc	29 72	25 90	47 85	39 69	91 59	21 52
CRYSTAL CHARLIE 6C D15885	10 1	%wb Acc	47 47	57 75	67 56	96 52	9 35	2 33
CRYSTAL EMMETT 16E D16161	33 2	%wb Acc	62 66	69 88	29 82	33 66	68 34	67 37
CRYSTAL MR UNIVERSE 38U R18215	17 3	%wb Acc	58 59	38 81	44 73	18 65	92 54	75 48
CRYSTAL URGENT 28U D14947	1 1	%wb Acc	83 39	81 63	93 51	93 50	28 39	93 34
CRYSTAL WALDO 23W R18290	136 5	%wb Acc	77 88	89 96	82 94	93 82	82 87	93 81
CRYSTAL YOUNGBLOOD 28Y R18685	68 4	%wb Acc	4 79	1 93	96 85	97 71	48 67	15 61
CRYSTAL ZAYDEN 15Z R18862	7 0	%wb Acc	36 42	36 64	86 55	94 53	94 55	87 43
CRYSTAL ZETH 1Z R18908	4 0	%wb Acc	13 43	31 65	91 53	93 52	99 44	90 38
CRYSTAL ZIGGY 25Z D15459	5 1	%wb Acc	92 42	91 65	83 52	87 51	93 45	99 40
DALEMEAD JUDGE 9F R779	99 5	%wb Acc	96 82	91 92	1 80	1 77	67 79	67 82
DEEBRAN DARIUS 13D R19789	1 0	%wb Acc	71 24	66 36	1 29	1 25	29 28	69 22
DEEBRAN HUMMER 21W R18325	20 2	%wb Acc	15 53	13 77	56 64	68 51	34 64	49 53
DEEBRAN PLD JAIL BREAKER 28Y R18660	42 2	%wb Acc	52 72	55 90	96 82	91 76	36 69	30 61
DEEBRAN PLD KANE 19Z D15415	30 1	%wb Acc	98 63	98 86	42 78	21 54	3 54	6 46
DEEBRAN POLLED BRAVO 17B R19357	3 1	%wb Acc	56 31	51 44	22 38	6 32	26 44	17 32
DJ X RADIATION 29X R4738	60 5	%wb Acc	5 75	7 90	73 71	83 68	52 57	54 63

Registration Name Registration ID	Progeny# Herds	%wb Acc	CE	BW	WG	YG	MLK	MCE
DJ YANKEE 38Y R5752	105 7	%wb Acc	9 82	8 94	83 80	85 72	26 64	5 66
DJ YOGI 2Y R5214	49 4	%wb Acc	62 67	48 85	12 75	53 72	10 60	33 59
DJ ZAMBUCA 33Z R6642	396 18	%wb Acc	1 94	2 98	66 96	90 95	2 87	1 85
DONALEEN CHACHI 1C R19421	11 1	%wb Acc	85 37	92 66	58 16	69 19	77 13	95 22
DONALEEN DANNY BOY 1D R19572	1 1	%wb Acc	39 34	41 46	33 38	14 44	74 38	45 34
DONCOMBE AGA KHAN R19154	6 2	%wb Acc	12 19	5 48	21 20	61 15	20 14	31 10
DOUBLE ALEXANDER D3772	46 1	%wb Acc	18 71	51 89	2 71	8 61	20 58	12 55
DOUBLE K DIESEL 53D D6460	18 3	%wb Acc	22 57	14 82	42 45	71 41	3 28	7 39
DUSTY ACRE BOGART 12B R19308	9 1	%wb Acc	91 48	90 74	59 64	55 48	96 48	98 39
DOUBLE L WEE WILLY C15234	123 6	%wb Acc	98 85	94 96	5 88	33 84	21 79	87 76
DOUBLE L VVES 1Y C16397	2 1	%wb Acc	75 45	69 66	10 36	19 34	62 39	66 38
DUSTY ACRE BRISTOL 47B R19304	20 1	%wb Acc	33 58	34 84	75 74	55 58	76 39	60 38
DUSTY ACRE CAPTAIN 9C R19455	17 1	%wb Acc	91 54	89 81	33 71	4 62	61 26	96 29
DUSTY ACRE CLYDE 225C R19484	13 1	%wb Acc	59 50	31 78	11 65	3 56	61 26	79 27
DUSTY ACRE COBER 74C R19445	3 1	%wb Acc	80 41	70 68	49 56	44 55	45 35	70 31
DUSTY ACRE COLBY 129C R19448	15 1	%wb Acc	46 58	33 82	83 75	72 68	61 40	39 37
DUSTY ACRE DOCTOR PEPPER 74D R19609	26 1	%wb Acc	99 53	99 82	99 73	99 41	14 12	71 17
DUSTY ACRE DOLLAR DOCTOR 409D R19617	1 1	%wb Acc	95 41	93 64	97 55	99 52	94 27	99 25
DUSTY ACRE FINALLY 25F R19868	26 1	%wb Acc	70 61	64 86	70 78	46 64	62 28	58 32
DUSTY ACRE FRANK 410F R19985	13 1	%wb Acc	95 48	93 78	95 60	94 54	93 22	98 24
ECHO POND ICARUS 5E D16213	11 1	%wb Acc	48 38	59 67	17 13	29 9	41 4	61 12
EDK NATALIES RADAR 8R R1784	43 0	%wb Acc	4 73	9 90	77 59	87 57	44 68	1 70
ELVERNAL JUGGLER 45K R857	63 2	%wb Acc	5 66	6 83	59 67	72 63	20 67	34 69
ETANDER R11277	5 1	%wb Acc	1 18	1 47	22 30	59 17	7 8	5 8
EUROCAN FAN 01E R40	37 3	%wb Acc	10 56	36 81	37 56	25 43	16 60	28 56
FEEHAVEN COLDWATER CHROME 823C R19390	1 0	%wb Acc	15 11	30 19	71 16	61 12	67 17	28 11
FEE HAVEN DESTINATION 34D R19575	60 1	%wb Acc	18 73	8 91	78 82	69 49	78 32	26 34

Registration Name Registration ID	Progeny# Herds	%wb Acc	CE	BW	WG	YG	MLK	MCE
FEE HAVEN DONE RIGHT UP 222D R19538	26 1	%wb Acc	33 63	25 85	96 73	98 66	63 42	59 39
FEE HAVEN GENERAL 225G R19940	5 1	%wb Acc	61 40	56 57	62 35	67 42	44 29	60 30
FEE HAVEN ZEUS 21Z R18822	5 1	%wb Acc	7 28	18 47	63 39	46 29	51 22	23 22
FLAMBAR R3	148 7	%wb Acc	43 81	56 93	51 82	15 79	20 82	27 80
FLON FLON 1E R8	144 12	%wb Acc	61 79	42 83	15 86	39 79	21 78	75 75
FOREST VIEW GARTH 2G R19949	2 2	%wb Acc	22 14	42 27	31 14	33 11	46 11	51 10
FORT ELLICE SAMARAI R5050	171 13	%wb Acc	61 86	55 96	9 81	8 82	85 77	53 78
FORTY ACRE BENDER 3B R19270	1 0	%wb Acc	12 13	16 22	46 17	53 14	21 5	15 21
FORTY ACRE CASPIAN 2C D15923	44 1	%wb Acc	25 66	9 89	53 74	59 44	18 5	11 21
FORTY ACRE ETHAN 1E R19792	1 1	%wb Acc	10 10	10 21	63 16	62 12	20 8	20 7
FRANMAR WEISER 8W R18507	6 0	%wb Acc	81 21	81 34	14 15	11 12	53 23	82 19
FROSTYBRAE BLACKIE D3190	33 4	%wb Acc	16 65	28 85	8 71	25 64	7 39	2 48
GAS HARMONIEUX 4D R15	176 6	%wb Acc	15 83	14 93	32 83	76 78	4 81	2 82
GAS HERBALT 3D R16	12 1	%wb Acc	10 22	4 50	11 30	13 18	17 9	29 16
GBW LANCELOT 16L R963	72 1	%wb Acc	48 76	57 86	71 70	54 67	14 76	10 77
GELSTAR 801X R4339	225 16	%wb Acc	18 90	19 96	3 91	6 85	68 80	42 81
GELSTAR 803X R4308	110 12	%wb Acc	19 83	34 95	15 90	16 83	1 59	1 64
GELSTAR 811X R4341	135 4	%wb Acc	58 86	30 95	9 88	60 86	1 62	27 64
GELSTAR 817X R4313	291 14	%wb Acc	85 93	75 98	33 95	54 93	5 85	40 82
GRAND R2	57 2	%wb Acc	81 45	68 74	2 38	1 36	53 53	99 53
GUIDE BCAI 1C R7	95 1	%wb Acc	15 72	50 86	43 64	22 59	1 68	35 70
HALCYON ANGUS 23A R19213	5 1	%wb Acc	94 32	88 56	62 45	25 34	35 15	91 23
HALCYON EARL 50E R20056	17 1	%wb Acc	85 48	57 76	62 55	29 39	35 15	76 22
HALLFIELD ICARUS R19396	15 1	%wb Acc	93 42	98 70	3 43	9 28	35 9	86 16
HANNETON SBC 1E R18	96 2	%wb Acc	62 63	59 81	20 56	26 55	40 69	36 68
HANOVER ENCORE R11375	146 7	%wb Acc	32 88	25 96	97 92	99 85	16 76	14 72
HANOVER EXPRESS 5C R10237	34 6	%wb Acc	3 70	4 86	57 73	63 63	82 53	5 53

Registration Name Registration ID	Progeny# Herds	%wb Acc	CE	BW	WG	YG	MLK	MCE
HANOVER FOREMAN 50F R12978	0 0	%wb Acc	16 38	16 59	63 50	88 52	14 39	11 34
HANOVER SAMI BOY 64A R7487	31 2	%wb Acc	24 67	4 86	79 72	95 57	1 42	5 42
HANOVER SPECIAL 25D R10295	249 13	%wb Acc	18 92	50 98	42 96	69 91	94 87	79 83
HEARTWOODS EYECATCHER 10E R12531	129 11	%wb Acc	6 88	5 96	80 92	93 88	81 80	38 76
HEARTWOODS REINHART 17R R17620	58 3	%wb Acc	28 74	30 91	4 75	21 57	92 49	67 54
HEARTWOODS TURBOCHARGER 126T R19035	5 1	%wb Acc	8 51	18 69	10 50	36 38	52 40	29 36
HEARTWOODS ZACK 24Z R19094	89 1	%wb Acc	81 79	81 93	1 84	4 53	81 56	97 52
HFC FANTOME 9B R9	271 6	%wb Acc	17 88	20 96	30 92	10 87	3 86	30 84
HFC PET 76E R76	68 2	%wb Acc	41 59	41 77	1 58	1 57	14 68	11 66
HILLTOP ORCHARD EXTRA SPECIAL R19964	22 1	%wb Acc	27 50	65 79	46 65	32 38	38 3	40 15
HILLTOP ORCHARD YAMAHA 66Y D15307	11 0	%wb Acc	18 18	57 36	59 29	48 37	82 54	1 33
HORTON INSPECTOR R38	51 3	%wb Acc	25 51	28 72	19 48	42 45	1 57	17 54
IMP BRADBURY EVAN 7394 R7394	44 5	%wb Acc	27 66	20 86	50 65	90 55	19 64	23 58
IMP DIRU GUTI R8901	36 1	%wb Acc	7 53	1 80	27 37	49 26	19 28	9 35
IMP DRUK URIAH 6304 R6304	21 6	%wb Acc	75 52	74 75	1 61	3 46	28 31	73 34
IMP HADLEY HANK 1MP 9686 R9686	38 5	%wb Acc	43 63	25 84	40 62	58 55	86 43	92 43
IMP POLLED BLACK MAGIC C19880	0 0	%wb Acc	39 9	31 10	59 9	44 9	4 8	14 9
IMP RAVENSWORTH ULAN 3209R R3209	85 8	%wb Acc	4 77	13 92	1 81	1 77	54 48	59 54
IMP WHISTLEY DOLLAR 9183X R9183	1 0	%wb Acc	25 9	26 9	18 7	39 7	39 9	50 7
JJD RIKON 48W R4737	49 3	%wb Acc	33 65	47 86	7 68	3 60	4 53	15 48
KENDI DAGGER 13D R19795	1 0	%wb Acc	13 5	21 10	7 5	8 4	32 5	24 4
KNOX ADRIEN 6A R19039	3 1	%wb Acc	32 15	33 38	4 35	18 22	17 8	28 6
KNOX ULTIMATE 4U R18178	33 1	%wb Acc	21 40	18 70	17 53	21 33	46 67	58 51
KNOX MAN 26X R18724	80 1	%wb Acc	11 79	9 93	81 85	42 58	1 52	18 56
LAKEVIEW YOKUM 14Y R5183	58 6	%wb Acc	87 76	73 91	15 79	4 74	82 66	50 66
LANGSTAFF ABE 6A R19108	3 0	%wb Acc	55 24	47 39	31 32	19 24	67 35	70 27
LANGSTAFF BO 12B R19383	1 0	%wb Acc	56 20	72 34	31 27	40 20	41 29	31 19

Registration Name Registration ID	Progeny# Herds	%wb Acc	CE	BW	WG	YG	MLK	MCE
LANGSTAFF CHAPS 12C R19590	7 1	%wb Acc	35 40	55 64	39 35	59 30	14 38	40 36
LANGSTAFF CHEVY 11C R19693	2 0	%wb Acc	41 26	51 38	37 30	62 26	3 35	24 29
LANGSTAFF COOLCAT 15C R19587	4 0	%wb Acc	27 26	17 35	84 27	91 23	60 30	45 27
LANGSTAFF DEZ 21D R19758	9 1	%wb Acc	3 43	4 66	65 57	53 46	6 37	7 35
LANGSTAFF DUKE 18D D16191	1 1	%wb Acc	18 20	25 36	28 24	46 18	21 28	31 20
LANGSTAFF DYNAMITE 20D R19752	24 1	%wb Acc	32 55	34 82	32 74	42 46	93 31	53 28
LANGSTAFF EB 26E R19864	6 1	%wb Acc	10 37	9 68	99 45	99 31	18 17	15 16
LANGSTAFF FRANK 8F R19944	6 1	%wb Acc	66 47	62 71	28 61	55 41	93 29	75 28
LANGSTAFF GABE 9G R20012	10 1	%wb Acc	76 51	80 76	23 65	12 48	58 35	51 36
LANGSTAFF GOLD DUST 3G R20013	1 1	%wb Acc	20 36	15 61	78 51	80 32	45 20	36 20
LAVELAINES MR. DILLINGER 11D R10330	29 1	%wb Acc	79 62	65 83	4 49	1 45	21 37	74 42
LEB HECTOR BUR JO 10H R340	81 2	%wb Acc	15 70	44 89	11 77	26 74	8 74	22 70
LIahn CHARLIE BROWN 80C R9201	67 4	%wb Acc	66 78	55 92	87 71	66 60	68 62	79 65
LIahn POLL CAT 31C D6041	784 30	%wb Acc	14 97	31 99	65 98	91 96	15 91	7 88
LITTLE CREEK ALADDIN 11A R19081	6 1	%wb Acc	45 45	26 72	76 49	75 36	40 37	44 33
LITTLE CREEK FEEDIBRILATR 911F R19920	27 1	%wb Acc	60 63	48 86	44 76	62 56	8 38	16 39
MAPLE BROOK SUPER STAR 8S R2303	74 3	%wb Acc	59 77	51 92	1 59	1 52	25 55	24 68
MAPLE CREST SUPREME 1B R7268	332 9	%wb Acc	12 93	31 98	33 95	59 86	76 84	58 83
MAPLE VALLEY BAXTER 19H R14004	20 3	%wb Acc	46 44	65 69	16 39	9 32	6 22	59 30
MAPLE VALLEY POLLED BILL 17H R14578	25 1	%wb Acc	43 56	34 79	70 56	84 57	34 48	18 47
MARKWOOD WOODROW T LUKE 1Y R5812	80 0	%wb Acc	62 79	81 93	20 23	39 22	7 42	15 57
MARMAC S MR CLAUDE 10X R4266	197 18	%wb Acc	56 89	56 96	12 93	17 87	8 78	45 78
MARMACS CAGNEY R9021	113 6	%wb Acc	13 85	22 95	69 88	57 83	77 68	54 68
MBRHEO HEART THROB R14008	20 3	%wb Acc	18 60	23 82	95 66	85 57	13 47	23 45
MCGILLIS ACRES DAKOTA 11D R19568	3 1	%wb Acc	72 30	57 50	52 35	63 24	71 18	65 18
MISTY MEADOW DUKE R2187	24 0	%wb Acc	87 54	50 79	16 66	11 53	8 45	32 47
MR WW CORBY 1R R4575	375 25	%wb Acc	43 94	25 98	72 96	90 95	54 89	27 88

Registration Name Registration ID	Progeny# Herds	%wb Acc	CE	BW	WG	YG	MLK	MCE
MVF CRACKER JACK 80E R12602	67 7	%wb Acc	36 77	38 92	1 75	1 73	4 59	30 57
MVF GRANDEUR 04G R13248	38 1	%wb Acc	33 70	30 88	8 47	13 41	2 39	8 46
MVF STRAW BUSTER 25F R13133	22 2	%wb Acc	54 57	31 81	36 56	67 40	8 15	42 26
NAJ GALANTE 10W R4687	137 10	%wb Acc	7 84	9 94	33 86	17 82	54 73	72 74
NAJ NOR GEO AUTEUR 01T R3080	98 4	%wb Acc	9 87	9 95	12 85	19 80	8 79	19 81
NANTUCKET R17084	30 3	%wb Acc	78 54	45 82	92 68	77 58	8 41	85 33
OLYMPUS 9F R406	36 1	%wb Acc	33 57	69 71	6 62	5 54	48 65	5 56
OVER THE TOP DRILLER 6D D15963	12 1	%wb Acc	93 37	94 68	8 7	7 6	23 11	5 16
PASSO R18240	6 1	%wb Acc	95 13	97 37	23 13	55 12	67 11	83 8
PCC YEAGER 82Y D3874	17 1	%wb Acc	86 37	81 55	47 62	50 60	4 41	53 36
PLB MR MAGNUM R3188	234 4	%wb Acc	4 89	15 97	24 92	21 87	57 81	35 80
PLEASANT VALLEY BATMAN 7B R19257	39 1	%wb Acc	2 67	1 88	35 28	43 26	2 20	2 43
PLEASANT VALLEY WINCHESTER 32W R18357	6 2	%wb Acc	67 35	51 50	22 43	6 38	5 33	40 32
POP JA 20Y R5038	529 26	%wb Acc	50 95	47 99	59 97	83 96	48 92	38 90
RHEO ALL INCLUSIVE 32A R19231	2 1	%wb Acc	13 23	15 39	68 19	90 19	3 14	7 15
RHEO BENEDICT 46B R19230	2 0	%wb Acc	18 25	22 24	56 19	71 31	2 21	5 22
RHEO LANCASTER 113L R16923	85 9	%wb Acc	74 82	65 93	91 89	93 81	2 74	33 70
RHEO YABBA DABBA DOO 19Y R19234	2 2	%wb Acc	45 18	45 38	36 15	81 15	21 19	30 15
ROM GAI 003EC R5	97 2	%wb Acc	35 68	60 84	1 69	1 64	33 75	86 70
ROM GRIFON 1C R1	8 1	%wb Acc	25 24	14 41	22 31	33 21	69 32	68 21
ROSENEATH WILLIAM 4W R3791	234 15	%wb Acc	76 92	70 97	52 94	86 91	98 91	99 88
ROYAL TRADITION TWO 5B R7895	86 7	%wb Acc	31 80	15 93	22 83	16 72	52 71	46 72
SANDBROOK NIALL 10J R2253	132 3	%wb Acc	22 88	22 95	32 83	82 81	18 77	50 82
SANDBROOK VINCENT 440S R2255	269 19	%wb Acc	25 92	23 97	54 91	49 90	1 86	6 86
SANDGAARDS BLUE JAY 1X R4362	327 32	%wb Acc	86 92	85 98	4 95	5 85	32 80	58 79
SANDHILL FANTOM 22F D9024	8 2	%wb Acc	27 46	25 72	45 25	49 18	10 13	21 32
SAUVEUR R19566	8 3	%wb Acc	38 24	25 59	1 32	3 18	11 8	26 8

Registration Name Registration ID	Progeny# Herds	%wb Acc	CE	BW	WG	YG	MLK	MCE
SCS GAINER 18E R57	35 1	%wb Acc	49 42	41 51	1 46	7 45	2 57	7 48
SIR ZAR ZEUS 13Z D3387	170 12	%wb Acc	61 89	59 96	32 90	52 86	1 76	1 77
SJF AXEL 3A R19067	17 1	%wb Acc	58 53	47 78	37 68	31 49	42 40	83 36
SJF FROSTIE 4F R19815	1 1	%wb Acc	59 9	69 24	22 14	10 10	56 12	56 6
STINEHAVEN XBOX 1X R18495	4 2	%wb Acc	43 31	36 58	45 33	61 36	10 29	40 30
SUNDANCE ZEPHYR 43Z R6050	141 10	%wb Acc	29 85	42 95	6 82	12 75	95 68	49 71
SUNDANCE ZEPPELIN 41Z R6049	81 5	%wb Acc	25 79	13 93	33 83	49 78	93 40	43 49
THE BOMBER 6T R3341	706 30	%wb Acc	41 96	39 99	88 98	93 96	5 92	1 90
TITO R18237	10 1	%wb Acc	32 23	20 54	52 42	11 37	28 8	36 11
TRIPLE C CHANCELLOR 70U R3424	181 8	%wb Acc	66 89	42 96	26 80	55 78	15 79	10 83
TRIPLE C INVICTUS 292A R6714	156 7	%wb Acc	12 87	25 96	42 79	59 69	39 64	11 68
TRIPLE SIX TSS 7M R1420	260 17	%wb Acc	39 88	34 96	8 93	13 88	99 85	97 81
USUS R18242	8 1	%wb Acc	14 28	6 47	32 35	58 20	43 4	3 12
VAN ALTA LUCKY BOY PVT 167S R2252	86 3	%wb Acc	25 82	48 94	71 70	70 60	1 68	3 76
VAN BAKEL BLONDES AWESOME 1A R19117	1 1	%wb Acc	39 27	31 42	93 31	94 25	30 36	45 28
VAN BAKEL BLONDES 83D D16196	17 2	%wb Acc	5 51	1 75	56 44	73 36	25 32	12 35
VDH SIMON 8A R19092	1 0	%wb Acc	24 19	44 32	20 24	25 16	35 6	36 9
VOB OK NORTHERN JUSTIN 1M R1146	240 13	%wb Acc	4 90	7 97	78 90	91 86	97 89	8 88
WEST WINDS ADEN 76A R18952	4 2	%wb Acc	88 43	75 68	52 59	30 47	54 36	89 31
WEST WINDS ADMIRAL 47A R18949	2 1	%wb Acc	89 39	78 66	40 52	6 53	55 38	95 32
WEST WINDS BEAU 9B R19185	2 1	%wb Acc	91 37	93 64	85 53	76 53	82 30	98 26
WEST WINDS BREAKER 36B R19140	7 2	%wb Acc	78 46	55 73	86 60	46 58	8 38	45 33
WEST WINDS GERSHWIN 147G D9578	23 4	%wb Acc	74 56	68 82	95 65	95 66	9 35	58 37
WEST WINDS HERDSMAN 32H R14287	115 2	%wb Acc	43 86	41 95	77 92	21 90	8 85	56 79
WEST WINDS TOMMY 40T R17835	11 0	%wb Acc	45 41	39 63	62 50	34 50	1 34	20 43
WEST WINDS XPO 310X R18531	101 1	%wb Acc	98 83	95 95	92 92	77 77	98 70	99 63
WEST WINDS YANKEE 47Y R18706	6 3	%wb Acc	94 48	80 73	54 63	8 60	50 40	96 36

Registration Name Registration ID	Progeny# Herds	%wb Acc	CE	BW	WG	YG	MLK	MCE
WEST WINDS ZEKE 152Z R18856	68 1	%wb Acc	96 78	89 93	96 88	87 76	40 67	95 61
WEST WINDS ZEPHYR 22Z R18843	52 1	%wb Acc	96 73	95 91	87 85	78 69	69 68	93 58
WEST WINDS ZEUS 341Z R18840	23 2	%wb Acc	46 60	64 85	45 77	38 70	69 45	85 40
WILLOW CREEK COMMANDER 26C DS942	174 8	%wb Acc	49 89	56 97	24 92	21 75	99 63	98 68
WINSTON DUKE 6F R67	70 0	%wb Acc	92 60	81 77	2 57	1 54	4 63	27 65
WSS CELEBRATION 2C R19480	93 3	%wb Acc	61 82	53 94	81 89	94 66	68 49	82 50
WSS DESPERADO 2D R19580	1 1	%wb Acc	3 45	5 64	22 41	67 38	60 35	15 37

Registration Name Registration ID	Progeny# Herds	%wb Acc	CE	BW	WG	YG	MLK	MCE
WSS EARTHQUAKE 55E R19740	47 1	%wb Acc	20 68	4 89	55 84	69 49	46 17	15 27
WSS MIGHTY DIO 43M R1166	337 15	%wb Acc	89 95	89 98	5 94	1 93	47 93	89 93
WSS PETER 9P R1591	56 3	%wb Acc	76 74	73 90	57 66	12 59	41 60	46 67
WSS REX 6R R1921	109 10	%wb Acc	36 86	21 95	1 89	4 83	37 84	62 83
WSS WARDEN 21W R18475	28 2	%wb Acc	22 64	9 86	31 55	44 52	9 35	10 42
ZORO 25Z R18934	61 1	%wb Acc	28 72	13 91	2 79	7 50	1 53	17 49

## EXPLAINING THE

# EPDs

### WHAT ARE AGSIGHTS EPDs?

An animal's observed performance for a trait is known as a phenotype. The phenotype (or performance) is influenced by the environment the animal is subjected to or raised in, as well as the genetic contribution of the animal's parents (dam and sire).

### Phenotype = Genotype + Environment

Genetic evaluation (GE) attempts to determine and remove the environmental influence, so genetic potential of the animal can be estimated. It's impossible to determine the environmental influence versus the genetic influence on the performance of one animal. That is why we evaluate multiple animals of the same age living in the same environment (a contemporary group) to determine the common environmental influence on performance. AgSights produces across breed comparisons (ABC's) that are expressed in the same units as expected progeny differences (EPD's).

**Across Breed Comparison Percentile (%ab)** AgSights calculates percentile ranking for all traits. With percentile rankings, 100 is the best possible rank. For an animal that ranks 95 for a trait, they are in the top 5% for that trait. With ABC's one breed can be compared to another using %ab, a purebred can be compared to percentage cattle and percentage cattle can be compared, regardless of their breed composition.

**Within Breed Percentile (%wb)** These are calculated within breed for animals greater than 7/8 one breed. With percentile rankings, 100 is the best possible rank for the animal breed. As with ABC%, or %wb of 100 is the best for animals in the breed possible. For an animal that ranks 95 for a trait, they are in the top 5% for that trait. With "% wb" one animal can only be compared to another animal within their breed.

**Calving Ease (CE)** Calving ease ABC is a prediction of the ease with which a bull's calves are born. This number represents the difference from the average percentage of unassisted births calculated across all beef breeds. Example: Bull A has a CE of +5% and Bull B has a CE of -0.5%. From this 5% more of the calves born to first-calf heifers of off Bull A will be born unassisted than the average from all beef breeds. Bull B would have 0.5% less unassisted births than average. Comparing the two bulls we predict that Bull A will have 5.5% more unassisted births than Bull B.

**Birth Weight (BW)** Birth weight ABC is a prediction of the effect a bull will have on the birth weight of its calves. This number represents the difference in the effect on birth weight in lbs from the average birth weight that would be expected across all beef breeds. Example: Cow A has a BW ABC of -1.0 and Cow B has a BW ABC of +6.0. From this information we predict that Cow A will have calves with birth weights that are 1 lbs less than we would expect on average. We would predict Cow B to have calves with birth weight 6 lbs greater than expected on average. Compared to each other, we would expect Cow B to produce calves that have a birth weight 7 lbs greater on average than Cow A.

**Weaning Gain (WG)** Weaning Gain ABC is a prediction of the ability of an animal's calves to grow from birth to weaning. This number represents the difference in gain from birth to weaning from the average expected gain across all beef breeds. WG numbers are expressed in lbs of gain. Example: Bull A has a WG ABC of +25 and Bull B has a WG ABC of +75. We predict that Bull A will have calves that gain 25lbs more from birth to weaning than we expect across all beef breeds. Bull B will have calves that gain 75lbs more than we expect on average. Compared to each other, Bull B will produce calves that gain 50lbs more than those of Bull A.

**Milk** Milk ABC indicates the ability of an animal's daughters to provide their calves with milk and mothering ability as measured by heavier calves than expected on average across breeds. This number is expressed in lbs. Example: Cow A has a Milk ABC of +50 and Cow B has a Milk ABC of +20. Cow A is predicted to raise calves that are 50lbs heavier than expected on average across all breeds. Cow B is predicted to raise calves that are 20 lbs heavier than average. Compared to each other Cow A will raise calves 30 lbs heavier on average than Cow B.

**Post Weaning Gain (PWG)** Post weaning gain ABC is a prediction of an animal's calves' ability to grow from weaning to yearling. This number is expressed in lbs and represents the difference in gain expected on average for calves from weaning to yearling across all breeds.

**Yearling Gain (YG)** Yearling gain ABC is a prediction of an animal's calves ability to grow from birth to yearling. This number represents the difference in gain in lbs of calves off this animal as compared to the average gain that would be expected from calves across all breeds