

Logix for Dogs



Logix is the acronym for *Livestock Operational and Genetic Information Exchange*, a free internet based programme whereby registered breeders have 24 hour access. This access enables the dog breeder to communicate with SA Stud Book for animal information queries, birth notifications, cancellations, inbreeding calculation, etc. The success of any breeder can significantly be improved by applying all the tools at his disposal to make informed decisions about breeding. Logix enables breeders to have direct access to the most recent information on the breeding and performance information of his dogs, as recorded on the Logix system.

Access

All registered breeders with the breed Society can get Logix access as well as related persons in the industry such as consultants, veterinarians, etc. The electronic subscription procedure is easy, whereafter you will receive your login details. Access by registered breeders to Logix can be obtained by going to www.logix.org.za. Click on the **ELECTRONIC FORM** button and complete the registration screen as shown below. Start by completing your membership number as issued by SA Stud Book through the Society. Continue to complete all the applicable fields and click on **SUBMIT**.

Electronic Registration

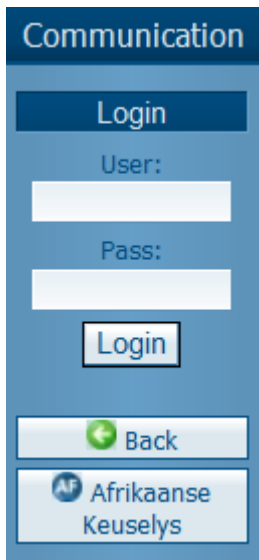
Logix Registration

Member Number: <input type="text"/> <i>(7 characters required) Add zero's ('0') in front to fill the missing characters ('leading 0s')</i>	ID Number: <input type="text"/>
Designation Mark (Not applicable to dog members): <input type="text"/>	Prefix: <input type="text"/>
Title: <input type="text"/>	Initials: <input type="text"/>
Surname: <input type="text"/>	Address: <input type="text"/>
Telephone nr: <input type="text"/>	E - mail address: <input type="text"/>
Cellphone nr: <input type="text"/>	Fax nr: <input type="text"/>
Magisterial district where your farm/home is situated: <input type="text"/>	

You will be notified by email of your acceptance as a Logix user as well as your user code and password.

An e-mail will be sent to a person at SA Stud Book who will register you as a user. You will be notified by e-mail of your acceptance as a Logix user as well as of your username and password. Ensure your e-mail address is correct.

Once you have received your login details, you can log in on the top left of the screen as shown below. Complete the username and password provided and click on **LOGIN**.



The screenshot shows a login form titled "Communication". It features a "Login" button at the top, followed by "User:" and "Pass:" labels with corresponding input fields. Below the fields is another "Login" button. At the bottom, there are two buttons: "Back" with a green arrow icon and "Afrikaanse Keuselys" with a globe icon.

Logix not only provides statistics, but gives access to extensive reports and facilities to support breeders to breed better dogs. SA Stud Book has a business rule that the data provider is the owner of the data. Various levels of access is available on the system. The Breeders' Society can decide at an Annual General Meeting on the level of access to be implemented. The programme is bilingual and will default to the breeder's choice of language.

Use the **DOG** menu for easy navigation to the relevant action you want to perform on the system.



The screenshot shows a vertical menu titled "DOG" with the following items: Participation, Dog information enquiry, Dog information, Litter information, Maintenance, Births, Birth notification, Litter waiting room, Reports, Inbreeding calculator, Per capita list, and Five generation pedigree.

Participation details enquiries:

The **PARTICIPATION DETAILS** screen can be used to verify your own information such as e-mail address, telephone number, etc. Any changes can be done through an **UPDATE** screen and the Society will be notified accordingly.

Dog information enquiry

Dog information

Dog information

Breed code

Computer number or

Prefix Name or

Alternative number

_ = any character, % = any series of characters

This screen is used to look at the information of the dog on the system such as ownership, pedigrees, progeny, championship results, photos, inspection results, history and additional information. You can use this screen to look up any dog on Logix on its computer number or its prefix or name or even part of a name. In your search in the name field you can use the “_” to search for any character or the “%” to search for any series of characters. This makes it easy to search a dogs’name even if you only know part of the name. The screen is interactive and if you click on any animal on the screen, that animal’s information will appear.

Dog information

	Animal nr.: BBD M MIOS 08 0001 Prefix: MIDDELPOS BBD BOERBOEL Identification number: Sire: BBDMLBE030003 Dam: BBD F MIOS 06 0008	Computer no. Name: 0000100488 Name: BOEL I Computer no. Name: 0000076456 - WELBEKEND KOJACK (76456)Brown Computer no. Name: 0000091377 - MIDDELPOS BBD ZERANTI (91377)Brown	Sex: Male Sex: M Sex: F	Date of birth: 02/05/2008 Date of birth: 14/03/2003 Date of birth: 27/02/2006	Age (months): 81 Colour: Yellow Section / subsection: SP Section / subsection: SR
	Breed: BOERBOEL Service code: Natural Register: SP(REGISTRATION REGISTER) Not for registration: No Recordingstatus: Registered Registration date: 02/05/2008 Cancellation date: - Reinstatement: - DNA-profile nr.: 109484 Alternative animalnr.: BBDM2008002048001 Medical status: - Pending reason:				Microhipnr.: 978101080130052 ID. method: - Subsection: None Classification: Birth Notification Birth status: 1(ALIVE) Inspection date: 18/09/2010 Cancel. reason: - Record created: 18/12/2012 Parent verification: - Appraisal score: 91.5% Inbreeding: 3.9%
	Breeder: 049080688D J.M. VAN DER WESTHUIZEN POSBUS 5 MIDDELPOS 8193				Owner: 061054100D V. MILANOVIC N--SBYG--RD 2; 145 65NORSBORG SWEDEN Until: 03/05/2008
	Previous owner(s): 0490806000 MNR. J.M. VAN DER WESTHUIZEN			From: 02/05/2008	

Pedigree
Progeny
Championship
Trials
Photo
Appraisal report
History
Additional information

For easy navigation to other information on the dog, use the buttons on the bottom of the page to get to the relevant information and scroll down. For your comfort you can navigate between pedigree and progeny information or even Championship results or Appraisal reports. The **PHOTO** is a very popular button to view a photo of the dog.

Litter information

Use this screen to view the litter from the sire and dam's side. Click on the **LITTER NUMBER** and the whole litter will appear on screen.

Litter information

Litter details BOERBOEL

Dam: MIOS060008 Name: ZERANTI

Dam breeder: J.M. VAN DER WESTHUIZEN POSBUS 5 MIDDELPOS 8193

Reg. dat. Born: 27/02/2006

Litter																			
Parity	Born:	Sire:	Male	Female	CRP	CLF	WHT	STB	OTR	D	IIF	PRO	CAR	IJD	MAS	CAL	Reg date:	Stud ID	Litter ID
1	2007/11/09	63708	0	5	0	0	0	0	0	0	N	N	N	N	N	N	09-NOV-07	ES06996	EL28002
2	2008/05/02	76456	3	1	0	0	0	0	0	0	N	N	N	N	N	N	02-MAY-08	ES06997	EL28003
3	2008/10/12	70782	1	1	0	0	0	0	0	0	N	N	N	N	N	N	12-OCT-08	ES06998	EL28004
4	2008/10/23	70782	1	0	0	0	0	0	0	0	N	N	N	N	N	N	23-OCT-08	ES06999	EL28005
5	2011/05/08	82863	2	0	0	0	0	0	0	0	N	N	N	N	N	N	08-MAY-11	-	EL28006
6	2012/08/07	101496	1	0	0	0	0	0	0	0	N	N	N	N	N	N	07-AUG-12	ES08794	EL34691

Maintenance

Use the **MAINTENANCE** menu to go to the **CANCELLATION** screen if a dog has to be cancelled for any reason as listed. First look up the dog and choose the reason and record the date and submit. This will cancel the animal and it will no longer be on the active dog list (Per capita list).

Dog cancellation

Cancel animal

Cancelling (BDBFMIOS090017 - MIDDELPOS BBD TRIX)

Status : **REG**

Owner : 0490806000 - VAN DER WESTHUIZEN

Reason

Cancellation date :

Data input

Births

Birth notification

The system was developed to enable the breeder to record litters and births on line, live on Logix in 7 steps. The process is easy and convenient and the intention is that the breeder can record the litters and in the comfort of his/her own home without sending paperwork. The feedback is also much sooner than with the paper option. The transaction will be submitted to the Society first to be accepted and only then will Stud Book record the litter and births. **It is important to note that the whole litter be recorded at the same time, even if you are not going to register some of the puppies.** This is to record the full litter for the dam's reproductive information.

Step 1 The process begins by choosing the **DAM** from the list of females currently in your possession and inspected. Click on the arrow and select the female. If the dam is in your possession but not on the list, make sure the inspection is on the system. If the dam is not in your possession, please do the transfer prior to the birth through the Society. If you have no female animals in your name, you cannot use this facility.

Birth Notification New	
LITTER REGISTRATION	
Breeder :	
Breeder: Participant number :	0490806BBD
Breeder: Name :	J.M. VAN DER WESTHUIZEN
Breeder: Address :	POSBUS 5 MIDDELPOS 8193
Kennel prefix :	MIOS
STEP 1 of 7: Select Dam in your possession	

Dam :	<input type="text" value=""/>	(Click on arrow)
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Step 2 Next, choose the **SIRE** from the list. Multi sires can also be used if the Society allows the practice. You need to choose a dam first before you can obtain a list of males.

STEP 2 of 7: Select Sire in your possession	
Sire :	MULTI SIRE / VEELVULDIGE VAAR (Click on arrow)
Sire not listed :	Yes (Click on `Yes` if male dog does not belong to you)

If the sire is not in your possession click **YES** to select the sire using the computer number or search on part of the name using the % sign. Once selected, you will get the comformation as shown below.

Name:	JACK 1
Computer number :	0000218340
Birth date :	19-APR-13
Colour :	Brown
Owner: Number :	0490806000
Owner: Name:	MNR. J.M. VAN DER WESTHUIZEN
Owner: Address :	POSBUS 5 8193 MIDDELPOS
DNA-profile:	

Step 3 Make sure you selected the correct sire and dam for this litter. The **LITTER INFORMATION** is next to be completed. Start by entering the birth date and advance to calculate the mating date by using the **TAB** key. It is important to enter the amount of male and female puppies in the whole litter and continue to complete the relevant information on the litter. Enter **0** if no animals of that sex were born. Once completed click on **SAVE AND ADVANCE TO STEP 4** to proceed.

STEP 3 of 7: After selection of Sire and Dam fill in the necessary information regarding the litter

Birth date:	01/10/2014	(Choose date and press 'TAB' to continue)	Mating: Ended :	03/08/2014
Mating: Started :	02/08/2014		Female :	3
Number born Male :	2		Multi sex :	?
Number Still born:	1		Caesarean required :	No
Not enough milk:	No		Vaginal prolapse:	No
Birth type :	Natural		Calcium deficiency:	No
Induction required :	No		Cause of death :	
Mastitis:	No		Cause of death :	
Infection:	No		Cause of death :	
Dam died :	No			
Number of puppies died within two weeks after birth :				
Number of puppies died after 2 wks but before 12 wks :				
Document reference :				

* Use TAB function to move to the next field

Save and Advance to step 4

Step 4 Complete all the puppies' information and click on **FINALISE**. If the puppies are sold to a new breeder, the transfer can be done in step 5. As soon as the breeder has completed the recording proccess, the system will send the transaction to the Society to be verified and screened before the data is loaded onto the system. The transaction will be submitted to the **LITTER WAITING ROOM** where the breeder can view the litter.

STEP 4 of 7: Complete all the puppies' information and click on Finalize

If the puppy is sold the new owner can be selected in step5

Puppy name	Sex	Birth mass	Eye colour	Colour	Mask	DNA	Microchip number	Birth status	Pet register	Died date
			Unknown	Unknown	Unknown			Alive	No	
			Unknown	Unknown	Unknown			Alive	No	
			Unknown	Unknown	Unknown			Alive	No	
			Unknown	Unknown	Unknown			Alive	No	
			Unknown	Unknown	Unknown			Alive	No	

Finalise

Some validation is done here to prevent errors on the system, e.g. duplicate names, microchip numbers, etc. If an error occurs you will get an error message of what the error is and the message **Press back to reload data and fix errors on animal(s)**.

You need to correct the error before it is finalised. Once finalised you will receive conformation of the recording of the litter on the screen.

Litter waiting room

Once the litter is recorded, the breeder can view the recording on this screen to ensure that it was recorded correctly to be sent to the Societys' office. It can be used to follow up on the progress of the transaction.

Step 5 Check the litter information entered or edit if needed.

Litter waiting room

0654824BBD_1016_8492

LITTER REGISTRATION

STEP 5 of 7: Check the litter information

Breeder:

Breeder: membership number: 0654824BBD
 Breeder: name: ME. E.H. SCHOLTZ
 Breeder: address: POSBUS 9616 VERWOERDPARK 1450 ALBERTON
 Kennel prefix: ROB

Dam						
Dam name:	Comp. Nr.:	Birth date:	Colour:	Owner: Nr.:	Owner:	DNA-pro.
MARVELL ZAHARA	0000245020	01-OCT-12	Brown	0654824000	ME. E.H. SCHOLTZ	

Sire						
Sire name:	Comp. Nr.:	Birth date:	Colour:	Owner: Nr.:	Owner:	DNA-pro.
MARVELL MAX	0000245000	15-MAY-11	Brindle	0654824000	ME. E.H. SCHOLTZ	

Litter

Date of whelping :	24/08/2014		Mating ended :	26/06/2014	Calculate
Mating started :	25/06/2014		Female :	0	
Number born: Male :	3		Bisexual:	<input type="checkbox"/>	?
Still born:	<input type="text"/>		Caesarean required:	<input type="checkbox"/>	
Not enough milk ?	<input type="checkbox"/>		Vaginal prolapse?	<input type="checkbox"/>	
Birth type:	Natural		Calcium deficiency?	<input type="checkbox"/>	
Induction required:	<input type="checkbox"/>		Ektopion free:	<input type="checkbox"/>	
Mastitis ?	<input type="checkbox"/>		Entropion free:	<input type="checkbox"/>	
Infection ?	<input type="checkbox"/>		Cause of death:	<input type="text"/>	
Vaginal HP free:	<input type="checkbox"/>		Cause of death:	<input type="text"/>	
Dam died :	<input type="checkbox"/>		Cause of death:	<input type="text"/>	
Number that died within two weeks after birth:	<input type="text"/>				
Number that died > 2 wks but < 12 wks :	<input type="text"/>				

Step 6 Check each puppy's information and choose the new owner should the puppy be sold.

STEP 6 of 7: Check each puppy's birth information and choose the new owner if sold. Choose 'Save changes' to send the transaction to the Society office

Litter animals:

0000251280 DUKE	Photo load
0000251240 BUXTER	Photo load
0000251260 BIN-LADEN	Photo load

Attachments

Click on the button with the puppy's name and edit the information if needed. A puppy can be added or removed if you made a mistake with the first recording. Here you have the opportunity to upload a photo of the puppy for identity and aesthetic purposes. The photo will be displayed on the animal information screen as mentioned previously.

Litter waiting room

Animal litter information

Animal name	BIN-LADEN
Sex	Male
Birth mass	
Eye colour	Unknown
Colour	Brindle
Hair quality	Unknown
Mask	Unknown
Eartag R	
Eartag L	
DNA	
Microchip number	
Cryptochidism	No
Cleft Palate	No
Hair Lip	No
White	No
Other defects	No
Heart murmur %	100
Registration number:	NULL
Birth status	Alive
Pet register:	No
Death date	
New owner	<input type="text"/> <input type="button" value="Search"/>

Click on `Search` if the puppy is sold to a new owner and follow instructions

Click on the **SEARCH** button on the bottom of that screen if the puppy is sold to a new owner and you want to transfer ownership directly to the new owner. If the new owner's participant number is available to you, complete the new owner's number and continue. You can search for existing breeders and non-members through the participant code, name or e-mail address.

Litter waiting room

Choose New Owner

SA Stud Book participant code: Initial : Surname or company name : E-mail :

Create a new owner if owner details are not found in system:

A new owner can be recorded if not already on Logix, click on **CREATE NON-MEMBER** and complete the information of the new owner as shown below and click on **CREATE**.

Language: Please select
Title:
Initials: Initial :
ID No:
First name:
Surname:
Nationality: SOUTH AFRICA
Province/Country Optional:
Activation date: DD/MM/YYYY
Street / PO Box:
Home number:
Town / City:
Postal code:
Telephone number:
Cell number:
Fax number:
E-mail :
Create

If the puppies are not sold at the time of recording of the birth they will be recorded in the name of the owner of the female and can be transferred at a later stage as they are sold to new owners. It is a separate transaction and have to be done through the Societies' office with the Birth notification certificate. Once the puppies' new owners are recorded, continue to step 7.

Step 7 Save the changes or if the litter was recorded by mistake, remove the complete litter. Documents like a Vet certificate, proof of payment, service certificate, microchip identification and DNA results can be attached on line and it will be sent to the office of the Society. It means that it will not be necessary to mail documents by post that will take some time. This reduces the turn around time from the birth event, the recording thereof, to the issue of certificates. Once finished attaching documents select **NOTHING TO UPLOAD**. On this screen click on **SAVE CHANGES** to complete the process on the breeder's side.

STEP 7 of 7: Save changes or remove entire litter

Upload documents

Back Save changes Accept correct and process Remove complete litter

The SA Stud Book clerk will process the transaction and send out certificates to the Society. The system will validate the transaction regarding the Breed standards as stipulated in the Constitution of the Society to ensure data integrity.

Reports

Various reports are available on Logix and more can be developed as the needs arise. The following are already available on the system:

- Inbreeding calculator: to check the inbreeding % of a planned mating.
- Per capita list: this report lists all the dogs live and active in your possession.
- Five generation pedigree: shows the complete five generation pedigree of the dog to enable the breeder to view the ancestors.
- Birth and/or registration certificates are issued by SA Stud Book. The birth certificate is issued directly after birth to confirm the animal's recording and it is also available to accompany a sold puppy. After being successfully inspected by the Society's inspectors, a registration certificate are issued. The certificates can be issued to the Society electronically immediately after receipt of the Birth notification.



Inbreeding calculator

Inbreeding is a huge problem in some dog breeds and it is necessary to check the inbreeding % of a planned mating before deciding on the mating. This is a very useful tool to make sure that related animals are not mated. Sometimes dogs from different kennels can be related and it is always better to check first. Use this screen to calculate the inbreeding % of a planned mating with multiple animals in one exercise. This function uses all the available pedigrees on the system to calculate the inbreeding %.

Go to **INBREEDING CALCULATOR** under the **DOG** menu and select the breed. Logix will list all the females in your name and you can select all or the individual female/s you want to mate. Click **SUBMIT** and Logix will automatically list the males in your name. Select the male/s to be used in the planned mating. You can even add another sire in somebody else's name to be mated with your female. Click **ADD OTHER SIRE** and select the male by using the computer number, or use the prefix and name search. The % sign may be used to search a male's name or part of a name. All males in this criterium will be listed, and one or more can be selected. Logix will calculate the inbreeding and will show it in red if it is above 6%. This way you can manage the inbreeding in the whole breed to ensure a healthy population.

Inbreeding calculator

Print Reset

Male	MIOS130019	
	JOCK 1	
	(0000228269)	
Female	MIOS140007	
	KARA	10.60
	(0000242380)	
AVERAGE :		10.60

Per capita list

Use the **PER CAPITA** list to list all the animals currently in your name. This is a very useful list because animals must be in your name if births are to be recorded from them. The list can be sorted by animal name or birth date of the animals.

Per capita list

> Print computer numbers
 > Only active animals
 > Only Non-active animals

Language Preference: Breeder's Language Preference ▾

Order animals by Name of animal ▾

Generate offline

Reset Generate report

You can even select the list of non-active animals.



Kennel list

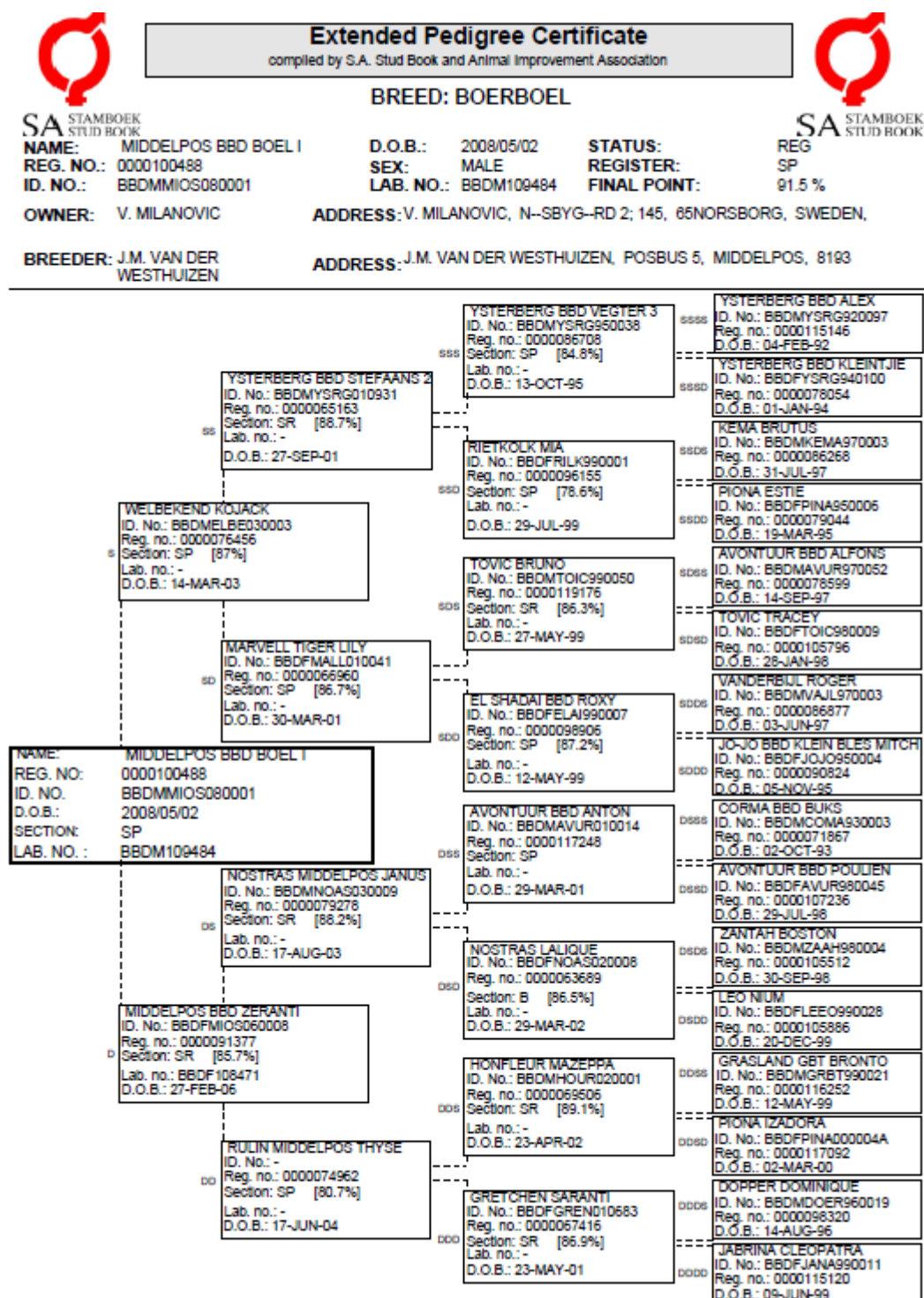
compiled by the S.A. Stud Book and Animal Improvement Association

0490806BBD
 J.M. VAN DER WESTHUIZEN
 POSBUS 5
 MIDDELPOS
 8193

Out	ID number	Name	Farmers Nr	Birth date	Computer number	Section	Status	Age	App Point Date	Reason
Breed code: BBD										
Female diere										
	AFKA110003	AFRIKA FAY		07/01/2011	0000104220	SP	REG	49	85.4	
	FIOS130020	MIDDELPOS BBD ROCKY I		01/06/2013	0000228265	SP	REG	20	82.4	
	GRRG110002	GROENBERG BBD ROXETTE		11/08/2011	0000103503	SP	REG	42	86.9	
	GRRG110006	GROENBERG BBD LULU		11/08/2011	0000103507	SP	PBK	42	80.7	
	MIOS110016	MIDDELPOS BBD KIA		25/04/2011	0000105062	SP	REG	46	90	
	MIOS120005	MIDDELPOS BBD OLA		02/02/2012	0000111856	SP	REG	36	83.7	
	MIOS120013	MIDDELPOS BBD CLARA		06/10/2012	0000124690	SP	REG	28	90.1	
	MIOS120014	MIDDELPOS BBD DIXIE		06/10/2012	0000124691	SP	REG	28	88.5	
	MIOS130030	MIDDELPOS BBD SILVE		09/12/2013	0000254401	SP	PBK	14	0	
	MIOS140004	MIDDELPOS BBD KLARA 1		10/02/2014	0000241900	SP	PBK	12	0	
	MIOS140016	MIDDELPOS BBD ALPHA		17/10/2014	0000259405	PEN	PBK	4	0	
	MIOS140017	MIDDELPOS BBD ALLIE		17/10/2014	0000259406	PEN	PBK	4	0	
	TAUS120008	TARGUS NALA		01/12/2012	0000250100	SP	REG	26	83.1	

Five generation pedigree

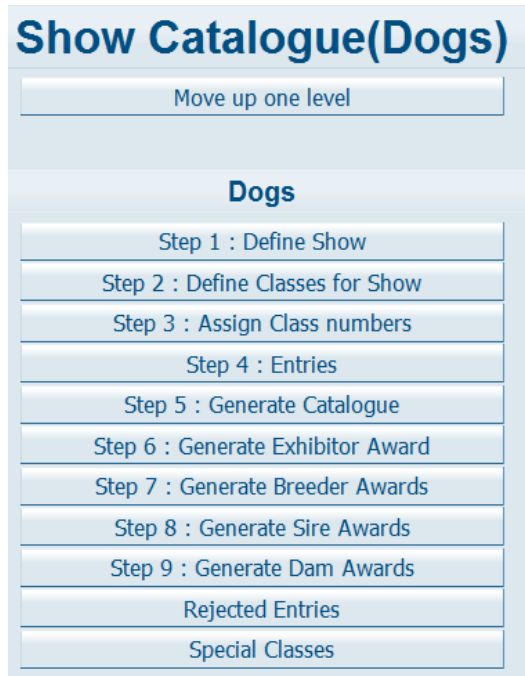
An extended five generation pedigree can be printed from Logix to do research on pedigrees if needed, as shown below.



Report version 1.003 Generated by logix

Show Catalogue

The person/s or body responsible for the administration of shows can gain access to Logix to compile any show catalogue from the Logix database. It is done in a step by step process and once the show classes are set up, it can be used for any other show.



To generate a new show the Show name is defined and the applicable classes linked. Once that is done the entries can be recorded and a catalogue generated with all the relevant information from the Logix database. The **POINTS** reports can also be generated and printed for easy use.



BOERBOEL

SA Stud Book

SABT Nasionale Boerboelskou / SABBA National Boerboel show

CLASS / KLAS 6: 6-9 MAANDE MANLIKE HONDJIES / 6-9 MONTHS MALE PUPPIES

1	OWNER: MNR. L.J. FEBRUARY				
	ANIMAL NAME: KLOPDISSSELBOOM TRIPLE-BIG-K				
	SIRE: BOGVLEI NEMO			DAM: BOGVLEI ALPHONS KOKKIE	
	REG: KDB 140055	SEX: M	BORN: 02/02/2014	BREEDER: MNR. BURGER HOON	
2	OWNER: J. ALLEN				
	ANIMAL NAME: JBS NINJA				
	SIRE: SPITSVUUR BBD RAMKAT			DAM: TARGUS FLOOI	
	REG: JB 130001	SEX: M	BORN: 08/12/2013	BREEDER: MNR. J.B.M. HERTZOG	
3	OWNER: MR. K.C. VAN DER MERWE				
	ANIMAL NAME: ELEVATION KOOSIE				
	SIRE: ELEVATION KAROOLS			DAM: MIDDELPOS BBD BIANCA	
	REG: EMB 130002	SEX: M	BORN: 19/12/2013	BREEDER: MNR. K.C. VAN DER MERWE	
4	OWNER: K. PIETERSE				
	ANIMAL NAME: MES ASKAM				
	SIRE: CABARET SON OF A GUN			DAM: TREBLA LULU	
	REG: MEES130044	SEX: M	BORN: 21/12/2013	BREEDER: K. PIETERSE	
	Results 1st _____ 2nd _____ 3rd _____ 4th _____				

KINDERS HANTEERDER KOMPETISIE / CHILDREN HANDLER COMPETITION

No. _____

Results 1st _____ 2nd _____ 3rd _____ 4th _____

JUNIOR HANTEERDER KOMPETISIE / JUNIOR HANDLER COMPETITION

No. _____

Results 1st _____ 2nd _____ 3rd _____ 4th _____

TIENER HANTEERDER KOMPETISIE / TEEN HANDLER COMPETITION

No. _____

Results 1st _____ 2nd _____ 3rd _____ 4th _____

BESTE IN SKOU TOEKENNING / BEST IN SHOW AWARD

Best Puppy/Beste Hondjie _____ BOG Puppy/BOG Hondjie _____

Points Award Male/Punte Toekening Manlik _____ Keenager Male/Keenager Manlik _____ Veteran Male/Veteraan Manlik _____ Laurel Wreath Male/Lourier Krans Manlik _____

Points Award Female/Punte Toekening Vroulik _____ Keenager Female/Keenager Vroulik _____ Veteran Female/Veteraan Vroulik _____ Laurel Wreath Female/Lourier Krans Vroulik _____

BEST IN SHOW/BESTE IN SKOU _____ BEST OPPOSITE SEX/BESTE TEENOORGESTELDE GESLAG _____

SPEIALE TOEKENNING / SPECIAL AWARD

Sire of the Show/Vaar van die Skou _____ Dam of the Show/Moer van die Skou _____

Breeder of the Show/Teer van die Skou _____ Exhibitor of the Show/Vertoner van die Skou _____

The **POINTS** sheet for the computer will also be generated from Logix to be sent to the club or show organisers.

SA Stud Book Services

SA Stud Book employs a team of animal scientists and world renowned geneticists. This makes it possible to render the following services:

- Population reports
- Estimation of genetic variation
- Estimation of genetic merit
- Breed improvement
- Selection of healthier animals
- Prevention of inbreeding
- Selection for temperament
- Selection for fertility
- Identification of genetic defects
- Any scientific research

Logix is the tool to take the bite out of breeding, making any dog breed a breed bred on scientific principles.

For any enquiries contact Herman Labuschagne

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