



# American Dorper Sheep Breeders' Society

## Regulations and Procedures for the Registration of Dorper/White Dorper Sheep

### Section A: Classification of Dorper/White Dorper Sheep For Recordation Purposes *(ewes lambd prior to May 31, 2006)*

#### I. FULLBLOOD:

Sheep that are of full South African ancestry and that have not been upgraded from domestic stock are classified as “Fullblood”, or 100% Dorper/White Dorper. Only Fullblood rams mated to Fullblood ewes can produce Fullblood offspring. Their registration number is preceded by the prefix RF (Fullblood Ram) and EF (Fullblood Ewe).

#### II. PUREBRED:

A. Rams upgraded from domestic stock of 93% or greater Dorper/White Dorper blood, will be designated as “Purebred” and 100% will be used to calculate the percentage of their offspring. Their registration number is preceded by the prefix RP (Purebred Ram).

B. Ewes upgraded from domestic stock of 93% or greater Dorper/White Dorper blood will be designated as “Purebred” and 100% will be used to calculate the percentage of their offspring. Their registration number is preceded by the prefix EP (Purebred Ewe).

C. Ewes upgraded from domestic stock of 87% to 92% Dorper/White Dorper blood will be designated as Purebred with the recorded percentage listed on the registration certificate. (For example: “Purebred 87%) Eighty-seven percent (87%) to 92% will be used to calculated the percentage of their offspring. Their registration number is preceded by the prefix EP (Purebred Ewe).

D. Examples of matings that will produce “Purebred” Dorper/White Dorper Rams and Ewes include:

<u>Recorded Sire</u>		<u>Recorded Dam</u>	<u>Lamb %</u>
Fullblood	x	Purebred	Purebred (100%)
Purebred	x	Fullblood	Purebred (100%)
Purebred	x	Purebred	Purebred (100%)
Fullblood	x	Purebred (87%)	93%
Purebred	x	Purebred (87%)	93%
92%	x	Fullblood	Purebred (96%)
92%	x	Purebred	Purebred (96%)
87%	x	Fullblood	93%
87%	x	Purebred	93%

E. Examples of matings that will produce “Purebred (87%)” Dorper/White Dorper Ewes include:

<u>Recorded Sire</u>		<u>Recorded Dam</u>	<u>Lamb %</u>
Fullblood	x	75%	87%
Purebred	x	75%	87%
92%	x	82%	87%
87%	x	87%	87%
75%	x	Fullblood	87%
75%	x	Purebred	87%

## Section B: Classification of Dorper/White Dorper Sheep For Recordation Purposes (*ewes lambed June 1, 2006*)

### I. FULLBLOOD:

Sheep that are of full South African ancestry and that have not been upgraded from domestic stock are classified as “Fullblood”, or 100% Dorper/White Dorper. Only Fullblood rams mated to Fullblood ewes can produce Fullblood offspring. Their registration number is preceded by the prefix RF (Fullblood Ram) and EF (Fullblood Ewe).

### II. PUREBRED:

A. Rams upgraded from domestic stock of 93% or greater Dorper/White Dorper blood, will be designated as “Purebred” and 100% will be used to calculate the percentage of their offspring. Their registration number is preceded by the prefix RP (Purebred Ram).

B. Ewes upgraded from domestic stock of 93% or greater Dorper/White Dorper blood will be designated as “Purebred” and 100% will be used to calculate the percentage of their offspring. Their registration number is preceded by the prefix EP (Purebred Ewe).

C. Examples of matings that will produce “Purebred” Dorper/White Dorper Rams and Ewes include:

<u>Recorded Sire</u>		<u>Recorded Dam</u>	<u>Lamb %</u>
Fullblood	x	Purebred	Purebred (100%)
Purebred	x	Fullblood	Purebred (100%)
Purebred	x	Purebred	Purebred (100%)

### III. PERCENTAGE:

A. To be recorded in the ADSBS Flock Book as “Percentage” sheep, ewes must be at least 37% Dorper/White Dorper blood and rams must be at least 50% Dorper/White Dorper blood.

B. The registration number of percentage sheep is preceded by the prefix RX (Percentage Ram) or EX (Percentage Ewe). The actual percentage of each sheep will be listed on the registration certificate truncated to whole numbers (e.g. 87.5% becomes 87%). Rams from 50% to 92% are percentage Dorper/White Dorper sheep. Ewes from 37% to 92% are percentage Dorper/White Dorper sheep. The procedure used to compute an animal’s percentage is as follows:

1. If the sire or dam is not a recorded Dorper/White Dorper in the ADSBS Flock Book, it is considered 0% Dorper/White Dorper.
2. If the sire or dam is 93 - 100% Dorper/White Dorper it is considered to be 100% Dorper/White Dorper for percentage calculation purposes for their offspring.
3. To calculate the percentage Dorper/White Dorper blood in a lamb, the sire and dam Dorper/White Dorper percentages are added together and divided by two. The resulting figure is truncated to whole number (e.g. 67.5% becomes 67%).
4. For example:

<u>Recorded Sire</u>		<u>Recorded Dam</u>	<u>Lamb %</u>
Fullblood 100%	x	50%	75%
87%	x	50%	68%
92%	x	43%	67%
50%	x	43%	46%*
50%	x	0%	25%**

\*Rams not eligible to be recorded in the ADSBS Flock Book.

\*\*Neither rams nor ewes eligible to be recorded in the ADSBS Flock Book.

#### IV. MULTIPLE SIRES:

This program is designed for flocks where single sire mating is not possible. It encourages the use of Dorper/White Dorper rams by large commercial sheep breeders. The program works as follows:

- A. Ewes from 37% to 50% Dorper/White Dorper may be recorded. Ewe lambs recorded cannot exceed 50% Dorper/White Dorper, regardless of their actual percentage.
- B. Rams cannot be recorded.
- C. Multiple sires used must be 75% to Fullblood Dorper/White Dorper and all paternal half brothers (sired by the same ram). Multiple sires used must be recorded with the ADSBS.
- D. There will be only four percentage classifications of multiple sire rams: 75%, 87%, Purebred (100%) and Fullblood (100%). If the percentage of all rams is not the same, then all rams are considered to be the same percentage as the lowest ram in the group. Rams falling between these percentage classifications, will be considered as the next lower classification. Therefore, 82% rams would be considered as 75% in the multiple sire program. Multiple sires in a breeding group must be either all Dorper or all White Dorper.

- E. Using multiple sires on foundation ewes gives you the following ewe lamb offspring in terms of blood percentage:

<u>Recorded Multiple Sires</u>	<u>Foundation Ewe</u>	<u>Ewe Lamb Offspring</u>
75%	0%	37%
87%	0%	43%
Purebred (100%)	0%	50%
Fullblood (100%)	0%	50%

- F. Using multiple sires on recorded Dorper/White Dorper ewes gives you the following ewe lamb offspring in terms of blood percentage:

<u>Recorded Multiple Sires</u>	<u>Recorded Ewe*</u>	<u>Ewe Lamb Offspring **</u>
75%	recorded ewe	50%
87%	recorded ewe	50%
Purebred (100%)	recorded ewe	50%
Fullblood (100%)	recorded ewe	50%

\*Recorded ewes can be from 37% to 100%.

\*\*Remember, the percentage blood of the ewe lambs produced by multiple sire matings cannot exceed 50%.

- G. The multiple sire group used during each breeding season must be recorded with the ADSBS, on a "Multiple Sire Breeding Group Form" available from the ADSBS. The ADSBS will list the rams in the group, their percentage Dorper/White Dorper blood, their registration numbers and their sire. A Multiple Sire Breeding Group number will be used by the ADSBS.

- H. The sire of ewes recorded under the Multiple Sire Program will read as follows on the registration certificate:

Sire: Multiple Sire Group 1276 (100%)  
(Green Acres 3721 RF002735)

This indicates that the sire of the ewe was Multiple Sire Group Number 1276, recorded with the ADSBS, that the lowest percentage of the individual rams in that group was 100% and that they were sired by the Fullblood ram Green Acres 3721, registration number RF002735.

- I. The registration number of ewes born as a result of Multiple Sire matings is preceded by the prefix EM (Multiple-Sired Ewe).

## Section C: Procedures for Registrations of Dorper/White Dorper Sheep

- I. Registrations for Dorper/White Dorper sheep are processed by the American Dorper Sheep Breeders' Society Office in Columbia, Missouri.** The owner of the lamb at the time of birth is responsible for registering that lamb. Registrations must be submitted to the ADSBS on the appropriate form and with correct fees included. Request "Ram Application" forms, "Ewe Application" forms and "Fee List" forms directly from the ADSBS. "Applications and Fee List" forms follow. Instructions for completing the applications are on the back of each form.

*Request Forms and Mail All Work To:*  
**American Dorper Sheep Breeders' Society**  
**P.O. Box 7365, 1120 Wilkes Blvd.**  
**Columbia, MO 65205-7365**  
**Phone: 573/442-8257 Fax: 573/874-8843**

- II. Registration of lambs from sires and dams recorded with the American Dorper Sheep Breeders' Society (ADSBS).**

If the sire and dam are already registered with the ADSBS, simply fill out the "Application For Registration", following the instructions on the back of the form. Note that rams and ewes are registered on separate forms.

- III. Registration of lambs sired by recorded sires, but from foundation ewes (ewes of another breed):**

If the lamb being registered is out of a foundation ewe (ewe of another breed), record "Dam's flock name and number" in the appropriate column, and the genetic makeup of the ewe (if known) in the "Dam's Registration Number" column.

For example, if the lamb being registered is out of a Suffolk x Hampshire ewe number 37G at Smith Farms, record as follows:

"Dam's Flock Name and Number": Smith 37G

"Dam's Registration Number": SSSS x HHHH-

Eight letter breed code describing the genetic makeup of the foundation ewe. (See "Foundation Ewe Breed Codes," for details).

If the dam of the lamb being registered is a purebred ewe, registered with another breed association, send a photocopy of the ewe's registration paper along with the application for registration. In this case, the name, registration number and breed of the ewe will be listed on the ADSBS Registration Certificate.

- IV. Transfer of Ownership/Date of Sale/Name and Address of Purchaser**

If the animal has been sold, it may be transferred to the buyer upon registration, if transfer fees are included with the "Application for Registration." Record the date of sale and the name and address of the purchaser below the registration information for each animal.

- V. "Certificate of Semen Transfer"**

A "Certificate of Semen Transfer" is required to register artificially-sired lambs if you do not own the sire. When purchasing semen, be sure the owner of the ram forwards a signed "Certificate of Semen Transfer" to you. When you register lambs sired artificially with this semen, submit a photocopy of this form with each "Application for Registration." A "Certificate of Semen Transfer" form follows. You may photocopy this form for future use. Request application forms from the ADSBS Office.

- VI. Registration of Lambs Sired by a Multiple Sire Breeding Group**

In the event that you have used paternal half brothers in a multiple sire breeding group, complete the "Multiple Sire Breeding Group" form and forward to the ADSBS Office. A Multiple Sire Group name and registration number will be issued. Ewe lambs from multiple sire group matings can be recorded, using the multiple sire group name and registration number in place of the "Sires' Flock Name and Number" and "Sire's Registration Number," respectively. A "Multiple Sire Breeding Group" form follows. You may photocopy this form for future use. Request additional forms from the ADSBS Office.

## Section D: Foundation Ewe Breed Codes

Use an eight-letter breed code to describe the genetic makeup of foundation (ewes of another breed) ewes. The first four letters represent the genetic makeup of the sire of the ewe, while the last four letters represent the genetic makeup of the dam of the ewe.

*Example A:* The ewe is sired by a Polled Dorset ram and out of a Cheviot ewe:  
(DpDpDpDp) x (CvCvCvCv)

*Example B:* The ewe is sired by a Suffolk ram and out of a ewe of unknown ancestry:  
(SSSS) x (XXXX)

BREED CODE	BREED	BREED CODE	BREED	BREED CODE	BREED
Ac	Arcott - Canadian	D	Dorper	Pm	Panama
Ao	Arcott - Outauais	Dh	Dorset Horned	P	Pelibuey
Ar	Arcott - Rideau	Dp	Dorset Polled	Pr	Perendale
Bd	Barbado	E	East Friesian	Py	Polypay
By	Barbados Blackbelly	Es	Est a Laine Merino	Rb	Rambouillet
Bk	Black Sheep	F	Finnsheep	Rv	Romanov
Bl	Bleu du Maine	G	Gulf Coast Native	Ry	Romney
Bo	Booroola Merino	H	Hampshire	Sc	St. Croix
B	Border Leicester	I	Ile de France	Sb	Scottish Blackface
Ca	California Red	Ic	Icelandic	Sh	Shetland
Ch	Charollais	J	Jacob	Sr	Shropshire
Cv	Cheviot	Kk	Karakul	Sd	Southdown
Cl	Clun Forest	K	Katahdin	S	Suffolk
C	Columbia	Ky	Kerryhill	T	Taghee
Cw	Coopworth	L	Leicester	Tx	Texel
Cm	Cormo	Ln	Lincoln	TxD	Texas Dahl
Cr	Corriedale	M	Montadale	Tn	Tunis
Ct	Cotswold	Nc	Natural Colored	W	White Dorper
Dy	Dairy Sheep	Nj	Navajo	Wh	Wiltshire Horn
Db	Debouillet	N	North Country Chevoit	X	Unknown Ancestry
De	Delaine Merino	O	Oxford		