

A1. CERTIFICATE OF EMBRYO RECOVERY or Oocyte Aspiration and IVM/IVF
 ACCOMMODATES NUCLEAR TRANSFER

Breed _____ Date of Aspiration _____
 Ear Tag _____ Yr. Mo. Day
 Donor Name _____ No. _____ or Tattoo _____
 CC
 Owner _____ Address _____
 Onset _____ AM
 Estrus Date _____ PM
 (Invitro Fert.) Yr. Mo. Day
 Service Sire _____ No. _____ Breeding Date _____
 CC (Out of Culture) Yr. Mo. Day
 ID Code _____ Freeze Date or Batch No. _____ Sexed Semen X or Y _____ Recovery Date _____
 Service Sire _____ No. _____ Total Recovered _____
 CC
 ID Code _____ Freeze Date or Batch No. _____ Sexed Semen X or Y _____ No. Cleaved/Degen. _____
 No. Unfertilized _____
 No. Transferred _____
 Signature _____ Firm _____ No. Frozen _____
 Practitioner or Team Leader recovering Embryos or Oocytes and responsible for IVF/IVM ET Code _____ No. Cloned _____

B1. CERTIFICATE OF EMBRYO TRANSFER (see reverse side for coding instructions)

IF FROZEN

Date of Embryo Transfer _____ Surgical _____ Non-surgical _____ Other _____ Freeze Date _____
 Days since _____ Yr. Mo. Day on straw _____
 Estrus of Donor _____ IVF _____ IVM _____ IN VIVO _____ Practitioner I.D. _____
 (Please Check) Straw No.'s _____

One Embryo was transferred to each of the following recipients unless it is noted that more than one was transferred.

RECIPIENT IDENTIFICATION	Breed Code	Days Since Estrus	Stage Code	Quality Code	Embryo Manipulated N,D,F,M or U	Straw No.	-----For NT Embryos-----			Comments*
							ETN No.	Recovery No.	NT Line	
1. _____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
2. _____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
3. _____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
4. _____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
5. _____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
6. _____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
7. _____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
8. _____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
9. _____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
10. _____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
11. _____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
12. _____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

Signature _____ Firm _____
 Technician/Practitioner or Team Leader that transferred the Embryos
 ET Code _____ Phone () _____

*Use comment column for any special notations and/or identify the location of the opposite half of a divided embryo. Pregnancy can be noted.

CONDITIONS FOR COMPLETING EMBRYO CERTIFICATES

- A1. Complete one or more Certificates of Embryo Recovery/Oocyte Aspiration for each recovery. Precede registration numbers of donor dam and donor sire(s) with the International Standards Organization (ISO) three letter country codes (cc). The responsible practitioner or leader of the embryo production team signing this certificate is attesting to the fact that the donor dam was identified with her certificate of registration, that the service sire information was taken from a written record of services or IVF and all the information is true and correct.
- B1. Certificate of Embryo Transfer will be completed to the extent that is necessary and/or appropriate to identify each recipient into which an embryo is transferred. If frozen embryos are transferred, the Certificate of Embryo Recovery will be completed by the responsible practitioner or by transferring from the original Certificate of Embryo Recovery or by attaching a copy. The practitioner or embryo production team leader signing the Certificate of Embryo Transfer is attesting to the accuracy and completeness of the identification of the embryos being transferred and the identity of the recipients into which the embryos are being transferred. Days since estrus will be expressed in ½ day increments.

One copy of a complete Certificate of Embryo Transfer with Certificate of Embryo Recovery will be submitted to the appropriate breed office as required by the respective breed organization, which may require the record before resulting offspring can be registered or officially identified. One copy should be provided to the owner.

Should any embryo in a recipient as identified hereon change ownership, it is important that the requirements of the respective breed organization for recording the identification of the new owner be followed. This may be required before resulting offspring can be registered or officially identified. This would normally be the responsibility of the owner of record.

1. **NT Line** - A two-digit number that identifies an originally recovered parent embryo. These will be numbered sequentially with two digits within a numbered recovery.
2. **Recovery Number** - Recoveries will be numbered sequentially by each practitioner or embryo transfer company regardless of breed. This is a four- or five-digit number, that could go to five, and the word "recovery" will be used in preference to the word "flush". No other word can be used in its place, such as "certificate number".
3. **ETN Number** - Is the number assigned each embryo in the sequence of production through nuclear transfer within one NT line regardless of generation.
4. **Unique Number of Straw for NT embryos** - This will include the ETN number followed by the letter "N" in turn followed by the Recovery Number and with this followed by the NT line. The ETN number will be at the top of the straw reading from left to right. The remainder of the existing recommended straw-labeling procedure will remain in place.

Use the following codes to describe the embryo, identify the breed and identify the month in all dates.

STAGE OF DEVELOPMENT	QUALITY OF EMBRYOS	MANIPULATION OF EMBRYOS	January	JA
No. Stage	Code 1. Excellent or Good	N - Not Manipulated	February	FE
1 Unfertilized	Code 2. Fair	D - Divided	March	MR
2 2- to 12-cell	Code 3. Poor	F - Female by Biopsy	April	AP
3 Early Morula	Code 4. Dead or degenerating	M - Male by Biopsy	May	MY
4 Morula		U - Sex Undetermined by Biopsy	June	JN
5 Early Blastocyst	Refer to IETS Manual, Third		July	JY
6 Blastocyst	Edition, Chapter 9, for	Use comment column to describe	August	AU
7 Expanded Blastocyst	description of codes.	other biopsies.	September	SE
8 Hatched Blastocyst			October	OC
9 Expanded Hatched Blastocyst			November	NO
			December	DE

SEXED SEMEN

X - Female Y - Male

BOVINE					
AN - Aberdeen Angus	BZ - Bonsmara	GS - Gascone	MR - Marchigiana	RO - Rotbunte	
AB - Abundance	CP - Campine Red Pied	GV - Gelbvieh	ME - Maremmana	SA - Salers	
AF - Afrikaner	CN - Canadienne	GI - Gir	MI - Meuse Rhine Issel	SG - Santa Gertudis	
AK - Ankole	CB - Charbray	GR - Groninger	MO - Montbeliard	SE - Senapol	
AY - Ayrshire	CH - Charolais	GU - Guernsey	MG - Murray Grey	MS - Shorthorn (milking)	
BA - Barzona	CA - Chianina	GZ - Guzera	NE - Nelore	SS - Shorthorn (beef - Scotch)	
BE - Beefalo	DB - Danish Black & White	HC - Hays Converter	NG - Nguni	SP - Shorthorn (polled)	
BF - Beef Friesian	DJ - Danish Jersey	HH - Hereford (horned)	NM - Normande	IS - Shorthorn (Illawarra)	
BM - Beefmaster	RW - Danish Red & White	HP - Hereford (polled)	NR - Norwegian Red	SI - Simbrah	
BB - Belgian Blue	DE - Devon	SH - Highland (Scotch Highland)	PA - Parthenais	SM - Simmental	
BG - Belted Galloway	DR - Dexter	HO - Holstein	PI - Piedmont	DS - South Devon	
BD - Blonde D'Aquitaine	DZ - Drakensberger	DZ - Drakensberger	PR - Pie Rouge	SX - Sussex	
BX - Boran	FP - East FLEMISH Red Pied	HY - Hybrid (Alberta Hybrid)	PZ - Pinzgauer	TA - Tarentaise	
BO - Braford	ER - Eringer	IB - Ibage	RA - Ranger	TG - Tasmanian Grey	
BR - Brahman	FA - Flamand	IN - Indu Brasil	AR - Red Angus	TL - Texas Longhorn	
BH - Brahmental	FL - Fleckvieh	JE - Jersey	RB - Red Brangus	TU - Tuli	
BL - Brailer	FR - Fribourg	KB - Kobe (Wagyu)	RD - Red Dane (Red Danish, Danish Red)	WB - Welsh Black	
BN - Brangus	FB - Friesian (Belgian)	LU - Luing	WW - Red Holstein	WF - West FLEMISH Red	
BU - Braunvieh	DF - Friesian (Dutch)	LM - Limousin	RP - Red Poll	XX - Crossbreds	
SB - Brown Swiss (beef)	GA - Galloway (beef)	LR - Lincoln Red	MA - Maine-Anjou		
BS - Brown Swiss (dairy)	GD - Galloway (dairy)				

CAPRINE					
AL - Alpine	AG - Angora	CH - Cashmere	KR - Kalahari Reds	NU - Nubian	
TO - Toggenburg	SA - Saanen	BG - Boer	LN - La Mancha	SG - Savanna Goat	

EQUINE					
AS - American Saddlebred	CL - Clydesdale	MN - Morgan	QH - Quarter Horse	SF - Suffolk Punch	
AP - Appaloosa	HA - Hackney (Horse)	PL - Palomino	SE - Shetland	TW - Tennessee Walking	
AB - Arabian	HK - Hackney (Pony)	PE - Percheron	SI - Shire	TH - Thoroughbred	
BL - Belgian	HU - Hunter	PN - Pinto	SN - Standardbred	WE - Welsh	

PORCINE					
YO - Yorkshire	DU - Duroc	BK - Berkshire	PE - Pietrain	LW - Large White (British)	
LA - Landrace	LC - Lacombe	SO - Spotted	TM - Tamworth	LB - Large Black (British)	
HA - Hampshire	PC - Poland Chine	CW - Chester White	WS - Wessex Saddleback		

OVINE					
AN - Afrino	DM - Dohne Merino	IL - Ile de France	OX - Oxford	MM - S. African Mutton Merino	
BP - Blackhead Persian	DO - Dorset	LE - Leicester	SP - Persian (Speckled/Skilder)	ST - Southdown	
BC - Border Cheviot	DR - Dormer	LI - Lincoln	RA - Rambouillet	SU - Suffolk	
CO - Columbia	DP - Dorper	ME - Merino	RM - Romnelet	VR - Van Rooy	
CR - Corriedale	FN - Finnish Landrace	MT - Montadale	SB - Scottish Blackface	WD - White Dorper	
DA - Damara	HA - Hampshire	NC - N. Country Cheviot	SR - Shropshire		