

A. CERTIFICATE OF EMBRYO RECOVERY

Breed _____

Donor Name _____ No. _____
CC Ear Tag or Tattoo _____

Owner _____ Address _____
 Onset _____ AM
 Estrus Date _____ PM
Yr. Mo. Day

Service Sire _____ No. _____ Breeding Date _____
CC Yr. Mo. Day
 ID Code _____ Freeze Date or Batch No. _____ Sexed Semen X or Y ____ Recovery Date _____
Yr. Mo. Day

Service Sire _____ No. _____ Total Recovered _____
CC No. Cleaved/Degen. _____
 ID Code _____ Freeze Date or Batch No. _____ Sexed Semen X or Y ____ No. Unfertilized _____
 No. Transferred _____
 No. Frozen _____

Signature _____ Firm _____
Practitioner or Leader of the Embryo Production Team Recovering Embryos ET Code _____

C. CERTIFICATE OF FREEZING (see reverse side for coding instructions)

Type of Container: Straw ____ Other ____ Each container labeled to show firm code, breed, reg. no. of donor, freeze date and straw no.

Cane No.	Straw No.	No. Embryos/ Straw	No. X Washed	Trypsin Treated	Code Stage	Code Quality	Zona Intact	Embryo Manipulated		Comments
								N, D, F, M or U		
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

Time from recovery to onset of freezing _____ (hrs.) Cyroprotectant and concentration, equilibration, final molality and cooling procedure _____

How Frozen: Seed Temp. _____ Cooling Rate _____ Plunge Temp. _____ Other _____

Recommended method of thawing and dilution _____

Signature _____ Firm _____
Practitioner or Leader of the Embryo Production Team Freezing the Embryos

ET Code _____ Phone () _____

CONDITIONS FOR COMPLETING EMBRYO CERTIFICATES

- A. Complete one or more Certificates of Embryo Recovery 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, and all the information is true and correct.
- C. The Certificate of Freezing will be completed with the Certificate of Embryo Recovery, whenever embryos are frozen. The practitioner or leader of the embryo production team signing the certificate is attesting to the identification of each embryo, with container labelling, as set forth within the Certificate, along with the accuracy of all other information.

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

When a frozen embryo changes 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.

When frozen embryos are exported, a special application for embryo export will be submitted to the respective breed office, with the appropriate fee.

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		
No.	Stage	Code 1. Excellent or Good	N - Not Manipulated	January	JA
1	Unfertilized	Code 2. Fair	D - Divided	February	FE
2	2- to 12-cell	Code 3. Poor	F - Female by Biopsy	March	MR
3	Early Morula	Code 4. Dead or degenerating	M - Male by Biopsy	April	AP
4	Morula		U - Sex Undetermined by Biopsy	May	MY
5	Early Blastocyst	Refer to IETS Manual,		June	JN
6	Blastocyst	Chapter 9, for	Use comment column to describe	July	JY
7	Expanded Blastocyst	description of codes.	other biopsies.	August	AU
8	Hatched Blastocyst			September	SE
9	Expanded Hatched Blastocyst			October	OC
				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	HY - Hybrid (Alberta Hybrid)	PR - Pie Rouge	SX - Sussex	
BX - Boran	FP - East FLEMISH Red Pied	IB - Ibage	PZ - Pinzgauer	TA - Tarentaise	
BO - Braford	ER - Eringer	IN - Indu Brasil	RA - Ranger	TG - Tasmanian Grey	
BR - Brahman	FA - Flamanad	JE - Jersey	AR - Red Angus	TL - Texas Longhorn	
BH - Brahmental	FL - Fleckvieh	KB - Kobe (Wagyu)	RB - Red Brangus	TU - Tuli	
BL - Braier	FR - Fribourg	LU - Luig	RD - Red Dane (Red Danish, Danish Red)	WB - Welsh Black	
BN - Brangus	FB - Friesian (Belgian)	LM - Limousin	WW - Red Holstein	WF - West FLEMISH Red	
BU - Braunvieh	DF - Friesian (Dutch)	LR - Lincoln Red	RP - Red Poll	XX - Crossbreds	
SB - Brown Swiss (beef)	GA - Galloway (beef)	MA - Maine-Anjou	RN - Romagnola		
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		