

A. CERTIFICATE OF EMBRYO RECOVERY

Breed _____

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

Owner _____ Address _____

Onset Estrus Date _____ AM
PM
Yr. Mo. Day

Service Sire _____ No. _____ CC _____ Breeding Date _____ Yr. Mo. Day

ID Code _____ Freeze Date or Batch No. _____ Sexed Semen X or Y _____ Recovery Date _____ Yr. Mo. Day

Service Sire _____ No. _____ CC _____ Total Recovered _____

ID Code _____ Freeze Date or Batch No. _____ Sexed Semen X or Y _____ No. Cleaved/Degen. _____

No. Unfertilized _____

No. Transferred _____

No. Frozen _____

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

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

ACCOMMODATES DIRECT TRANSFER

IF FROZEN

Date of Embryo Transfer _____ Yr. Mo. Day _____ Surgical _____ Non-surgical _____ Other _____

Freeze Date on straw _____

Practitioner I.D. _____

Straw No.'s _____

Days since Estrus of Donor _____

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

RECIPIENT IDENTIFICATION

	Ear Tag, Registration or Tattoo No.	Breed Code	Days Since Estrus	Stage Code	Qual. Code	Embryo Manipulated N, D, F, M or U	Straw No.	Emb. Trans. Date	Comments*
1.	_____	_____	_____	_____	_____	_____	_____	_____	_____
2.	_____	_____	_____	_____	_____	_____	_____	_____	_____
3.	_____	_____	_____	_____	_____	_____	_____	_____	_____
4.	_____	_____	_____	_____	_____	_____	_____	_____	_____
5.	_____	_____	_____	_____	_____	_____	_____	_____	_____
6.	_____	_____	_____	_____	_____	_____	_____	_____	_____
7.	_____	_____	_____	_____	_____	_____	_____	_____	_____
8.	_____	_____	_____	_____	_____	_____	_____	_____	_____

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

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

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 N, D, F, M or U	Comments
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

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 _____ ET Code _____ Phone () _____
Practitioner or Leader of the Embryo Production Team Freezing the Embryos

CONDITIONS FOR COMPLETING EMBRYO CERTIFICATES

- A. Complete one or more Certificate 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 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 that all the information is true and correct.
- B. 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 leader of embryo production team 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 1/2 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.

- 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	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,		July	JY
6 Blastocyst	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
		SEXED SEMEN	December	DE
		X - Female Y - Male		

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

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

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

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

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