

D. APPLICATION FOR EMBRYO EXPORT BREED _____

Application for International Movement. To be submitted to breed organization in exporting country.

Exporters I.D. _____

Name of Buyer _____

Address _____

Country _____

Sale Date _____ Export Date _____ Certification of DNA Genotyping/Blood Typing needed Yes _____ No _____

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

Owner _____ Address _____

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

Service Sire _____ No. _____ CC _____ Sexed Semen X or Y _____ Breeding Date _____ Yr. Mo. Day

Service Sire _____ No. _____ CC _____ Sexed Semen X or Y _____ Recovery Date _____ Yr. Mo. Day

Signature of Seller _____
Owner of Donor Dam on Date of Recovery

Total Recovered _____
No. Cleaved/Degen. _____
No. Unfertilized _____
No. Transferred _____
No. Frozen _____

Address _____

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

CERTIFICATE OF FREEZING AND/OR IDENTIFICATION OF EMBRYOS (see reverse side for coding instructions)

Type of Container: In lieu of completing this portion of this form, certificate A-C may be attached

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.) Cryoprotectant and concentration; equilibration, final molality and cooling procedure _____

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

Recommended method of thawing and dilution _____

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

Firm _____

ET Code _____ Phone () _____

Signature _____
Exporter

Firm _____

CONDITIONS FOR COMPLETING APPLICATION FOR EMBRYO EXPORT

Application for embryo export will accommodate all embryos from one recovery. Precede registration numbers of donor dam and donor sire(s) with the International Standards Organization (ISO) three letter country codes (cc).

Application must be signed by (1) the seller who is the owner of the donor dam on date of recovery, (2) the practitioner responsible for the recovery, (3) the practitioner responsible for freezing the embryos and (4) the person responsible for exporting the embryos.

The signature of the seller is certifying to the sales of the embryos.

The signature of the person responsible for the embryo recovery is certifying to the accuracy of the information relating to the donor dam, the sire, breeding date, date of recovery and other technical aspects.

The practitioner responsible for packaging and/or freezing the embryos is attesting to the identification of each embryo, the container labeling, as set forth on the certificate, along with the accuracy of all other information called for in this portion of the application for export.

Upon receipt of application for embryo export by the breed office, a certificate will be issued that will be forwarded to the Herd Book in the receiving country. This certificate will identify the embryos and will justify providing the DNA genotyping and/or the blood type of the donor dam and donor sire.

Use the following codes to describe the embryo, identify the breed and 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 Isssel	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 - Flamand	JE - Jersey	AR - Red Angus	TL - Texas Longhorn
BH - Brahmmental	FL - Fleckvieh	KB - Kobe (Wagyu)	RB - Red Brangus	TU - Tuli
BL - Brailer	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 - Dorrner	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	