Canadian Simmental Association – NEW Embryo Procedures

A) Online Procedures

When entering embryos using your Online System, please refer to the Embryo Transplant / Flush forms to input the required information for each embryo calf record. This is very important, as when this information is missing, it results in the registry system not being able to calculate any adjusted 205 or 365 day weights. IMPORTANT: Since you are responsible to enter the details below, it is no longer necessary for you to submit a copy of the Embryo Transplant / Flush form or to complete the THE Embryo Data and Registration form.

- the Breeding Date on the form should be entered in the "AI/Nat:" entry field
- the Recovery Date on the form should be entered in the "Flush Date:" entry field
- the Implantation Date on the form should be entered in the "Implant Date:" entry field
- the Recip Tag, Recip Age (in years) & Recip Breed (e.g. SMSMSMSM) entry fields should be completed (entered) in the Online System for each ET calf

**Note:** If the Recip is a registered (and enrolled) Simmental, please enter the registration number (digits only) in the appropriate entry field (see illustration below)

Once all embryos have been entered from a flush, please email us a request to order the SNP (parentage) test for the embryo that is being parentage verified from the flush - as our CSA Bylaws currently state that only one embryo has to be tested from each flush. Note: The only exception to this is when there are two sires used in a flush. When this is the case, all embryos must be parentage verified.

One of our Registry staff will then send you the SNP application form that you will send to Delta Genomics along with the hair sample that is obtained. ***Please advise us if you want the application form – emailed or sent by regular mail ***

B) THE – Registration & Performance Collection (Paper submission)

Once the CSA staff has processed the Total Herd Enrollment form that you submit prior to the December 15th deadline date, our office will forward you the Registration & Performance Collection sheet for your completion. This form is to be used to submit the birth information for natural calves born from each enrolled Dam.

When you are running an embryo program in your herd, you must also complete and submit a THE Embryo Data and Registration form. This form can be found on the CSA website under Registry | Forms – Embryo Calving Form

Complete the form, separating the embryo calves by flush. Since our CSA Bylaws state that only 1 embryo from each flush must be parentage verified (PV) - you must indicate "Y" in the DNA REQ box for the embryo you are hair sampling. The CSA staff then order the parentage kit and provide you with the required SNP Application Form and sample envelope. ***Note: DNA instructions on how to obtain the hair sample and where to send them will be provided along with your parentage kit.

Lastly, when returning the THE Embryo Data and Registration form you must send copies of the Embryo/CETA Transplant Forms. It aids the CSA staff greatly if you write the tattoo of the resultant embryo calf beside the appropriate Recipient Dam on the form (as this easily enables the CSA registry staff to manually track the embryo activity for that particular flush).

If you have any other enquiries regarding these procedures please feel free to contact the CSA office using our toll-free number: 1 866 860 6051. You may also email us directly at cansim@simmental.com

FORMS:

- Transfer of Embryo Ownership (purchased embryos)
- Embryo Calving Form
- Formulaire Pour les Embryons

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