



EUROPEAN HOLSTEIN AND RED HOLSTEIN CONFEDERATION

The consequences of the implementation of EU-regulation 2016-1012

The main consequences of the 2016-1012 EU Regulation are two fold for EHRC Members; changes in the rules for assigning a Purebred status and the additional fields required when printing a Pedigree Certificate.

Purebred Status

For herdbook organisations the most relevant parts of the regulation are Article 18 and 19 and Annex II.

- a. Article 18 and Annex II
 - i. To be registered in the Main Section, the animal must be born of parents and grandparents registered in the main section
 - ii. Male animals - cannot be upgraded
 - iii. Upgrading is possible for female animals with dam and grand dam registered in supplementary section of the herd book plus sire and both grandsires must be in main section.
 - iv. The first generation offspring of the upgraded female with dam and maternal grand dam in a supplementary section of the herdbook shall likewise be regarded as a purebred breeding animal
 - v. There can now be animals with less than 87.5% pure breed in main section of the herd book
- b. Article 19
 - i. New breed – this is only relevant if no other breed program is there for the animals, it may be more relevant for beef or horses. Crossbreeds now can be in a new herd book, so we may end up with many 'breeds'.
- c. Note that Herd Books use classes ABC in various ways, for example one may denote 'A' as a main section class while another Herd Book will have 'A' denoting a class in the supplementary section of the herd book.
- d. It is important to harmonise the implementation of this Regulation because of the exchange of animals' data between EHRC and WHFF Members.
- e. There will be no retrospective change of which section animals are in.
- f. Some examples (see below)
 - i. Animals 1 to 4, starting in a non-registered herd, showing that upgrading from the male side is not allowed
 - ii. Animals 5 to 8, some examples of Purebred animals with different pedigrees
 - iii. Registration system is based on 8 blood parts of 12,5 % each
 - iv. 'Breed' column is the main registered animal
 - v. 'UG' means Upgrading
 - vi. Example Animal 2 shows a female with 75% Purebred which using the new rules is in the main section.



EUROPEAN HOLSTEIN AND RED HOLSTEIN CONFEDERATION

Nr	Breed	Sex	Sire	Pat-sire	Pat-dam	Dam	Mat-dam	Mat-Sire	Status	Section	Remarks
1	50% HF	m	100% HF	100% HF	100% HF	0% HF	0% HF	0% HF			UG not allowed
	50% HF	f	100% HF	100% HF	100% HF	0% HF	0% HF	0% HF		sub	MSire not Main
2	75% HF	m	100% HF	100% HF	100% HF	50% HF	0% HF	100% HF			UG not allowed
	75% HF	f	100% HF	100% HF	100% HF	50% HF	0% HF	100% HF	Pure	main	UG allowed
3	87,5%HF	m	100% HF	100% HF	100% HF	75% HF	50% HF	100% HF	Pure	main	
	87,5%HF	f	100% HF	100% HF	100% HF	75% HF	50% HF	100% HF	Pure	main	
4	100%HF	m	100% HF	100% HF	100% HF	100% HF	100% HF	100% HF	Pure	main	
	100%HF	f	100% HF	100% HF	100% HF	100% HF	100% HF	100% HF	Pure	main	
Other examples of Purebred animals:											
5	76,56%HF	m	78,12%HF	81,25%HF	75% HF	75% HF	50% HF	100% HF	Pure	main	
	76,56%HF	f	78,12%HF	81,25%HF	75% HF	75% HF	50% HF	100% HF	Pure	main	
6	78,12%HF	m	81,25%HF	87,5%HF	75% HF	75% HF	50% HF	100% HF	Pure	main	
	78,12%HF	f	81,25%HF	87,5%HF	75% HF	75% HF	50% HF	100% HF	Pure	main	
7	81,25%HF	m	87,5%HF	100% HF	75% HF	75% HF	50% HF	100% HF	Pure	main	
	81,25%HF	f	87,5%HF	100% HF	75% HF	75% HF	50% HF	100% HF	Pure	main	
8	81,25%HF	m	100% HF	100% HF	100% HF	62,25%HF	25%HF	100% HF			UG not allowed
	81,25%HF	f	100% HF	100% HF	100% HF	62,25%HF	25%HF	100% HF	Pure	main	UG allowed

Pedigree Certificate changes

In the new legislation are some changes in pedigree certificate reporting. The following are new fields that must be present on Pedigree Certificates:

- For each animal in the Pedigree, state the section of the Herd Book it is in
- Country of birth of main animal
- Date of breeding value publications
- Email of owner and breeder (if available)

The EU already has published a draft of model forms of zootechnical certificates for breeding animals (https://ec.europa.eu/info/law/better-regulation/initiatives/ares-2016-6974589_en)

In addition the EHRC Committee recommends that

- The percentage purebred is printed for each animal in the Pedigree – this will help prevent confusion in the meaning of the Herd Book class and will provide transparency when importing animals.

EHRC Proposal / Recommendation:

- To use as few Classes as possible thus avoiding possible confusion.
- To print the section on the certificate
- To print the percentage pure on the certificate showing more transparent when importing animals

Notes:

Link to EU legislation



EUROPEAN HOLSTEIN AND RED HOLSTEIN CONFEDERATION

<http://eur-lex.europa.eu/search.html?qid=1490265764839&text=bovine%202016-1012&scope=EURLEX&type=quick&lang=en>