



**BTB** Bundesverband der  
Tierzucht- und  
Besamungstechniker e. V.

For European Meeting A.I. technicians Rennes/France 2022



**BTB** Bundesverband der  
Tierzucht- und  
Besamungstechniker e. V.

- A union of A.I. technicians in Germany  
(employees of AI companies and free technicians)
- Not responsible to talk about salary!
- Organisation from courses for further education
- Magazin for a.i. technicians
- Biggest success: the further education  
a.i.-technician: „the certified a.i. technician“  
(master diploma, EU accepted)





## Further education for a.i. technicians

Embryotransfer  
technician

Possible after 2  
years working as  
a.i. technician

30 hours course  
(4 days)  
Education center Berlin

Allowed to transmit  
Embryos  
(no flushing)

**The certified a.i. technician  
(with master diploma)**

Possible for:

Farmers with final examination  
+ visiting 1 year the agriculture school  
+ 3 years working as a.i. technician

Or without agriculture education:  
6 years working as ai. Technician

+  
Visiting the course „Master diploma“  
(425 hours, 50 days, 8 weeks  
Over 2 years)

**Then allowed for:  
Pregnancy checks  
Flush cows  
Transmit embryos**



# BTB-aktuell

Informationsblatt der Tierzucht- und Besamungstechniker



ISSN 0722-4540

| Nr. 202

| 51. Jahrgang

| Juni 2017

| Ausgabe: 02|17

OUR  
MAGAZIN



**ERFREULICH:**  
unser Berufsstand wird weiblicher

# Erstbesamungen nach Rassen 2016/2021

*First services by breed*

Rasse <i>Breed</i>	2016	2021	16:21 in%
Holstein	1.914.224	1.501.136	-21,58%
Holstein-Red	335.748	288.597	-14,05%
Rotvieh/Angler	16.657	14.734	-11,55%
Jersey	5.931	10.596	78,65%
Fleckvieh/Simmental	1.429.567	1.212.434	-15,19%
BrownSwiss	155.478	115.727	-25,57%
others	2.111	4.978	135,19%
<b>Σ Dairy breeds</b>	<b>3.859.716</b>	<b>3.148.202</b>	<b>-18,44%</b>
Belgian/British blue	174.948	250.200	43,01%
Limousin	32.968	29.849	-9,46%
Charolais	9.210	5.669	-38,45%
Fleckvieh-Simmental	13.825	12.953	-6,31%
Blonde d`Aquitaine	7.811	6.408	-17,96%
Angus	7.414	32.056	332,37%
Piemonteser	2.080	2.965	42,55%
Uckermärker	2.426	7.520	209,98%
Hereford	454	785	72,91%
Galloway	422	500	18,48%
Wagyu	1.788	5.451	204,87%
Sonstige	6.032	35.163	482,94%
<b>ΣBeef</b>	<b>259.378</b>	<b>389.519</b>	<b>50,17%</b>
<b>All breeds</b>	<b>4.147.366</b>	<b>3.564.326</b>	<b>-14,06%</b>

## Einsatz gesexten Spermas

*Use of sexed Semen*

Rasse	Portionen / doses			
breed	2009	2016	2021	Diff. 16/21
Holstein	53.070	105.573	116.722	10,56%
Holstein-Red	3.411	21.753	23.414	7,64%
BrownSwiss	1.172	3.701	6.581	77,82%
belgian/bri	1	2.765	7.182	159,75%
Fleckvieh	682	2.652	4.203	58,48%
Jersey	1.312	1.928	5.390	179,56%
Limousin		1.039	562	-45,91%
others	7	1.461	3.575	144,70%
<b>total</b>	<b>59.655</b>	<b>140.872</b>	<b>167.656</b>	<b>19,01%</b>

## Durchführung der Besamung 2016

### Performers of Insemination 2016

Besamerstatus-Bezeichnung	Anzahl Pers.	Erstbes.	% der EB	ØEB/Fachkraft
<i>Designation of Inseminator</i>	<i>Numb. Pers</i>	<i>first Insem.</i>	<i>% of FI</i>	<i>ØFI/Pers.</i>
Technician for a.i. coops as employee	887	1.992.252	49,1	2.246
Veterinary for a.i.coops	816	538.914	13,3	660
farmers self insemination	11.198	906.847	22,3	81
Technician free working	170	332.641	8,2	1.957
Veterinary free working	294	101.705	2,5	346
Technician working for a vet	17	10.284	0,3	605
Technician working in a farm	501	174.869	4,3	349
others	7	1.560	0	223
<b>total</b>	<b>13.890</b>	<b>4.059.072</b>	<b>100</b>	<b>292</b>

## Durchführung der Besamung 2021

### Performers of Insemination 2021

Besamerstatus-Bezeichnung	Anzahl Pers.	Erstbes.	% der EB	ØEB/Fachkraft	Inseminations:
<i>Designation of Inseminator</i>	<i>Numb. Pers</i>	<i>first Insem.</i>	<i>% of FI</i>	<i>ØFI/Pers.</i>	<i>Diff.to 2016</i>
Technician for a.i. coops as employee	795	1.701.315	47,7	2.140	-14,60%
Veterinary for a.i.coops	880	458.622	12,9	521	-14,90%
farmers self insemination	11.031	936.723	26,3	85	3,29%
Technician free working	176	310.139	8,7	1.762	-6,76%
Veterinary free working	16	2.096	0,1	131	-97,94%
Technician working for a vet	12	6.273	0,2	523	-39,00%
Technician working in a farm	442	145.299	4,1	329	-16,91%
others	14	3.859	0,1	276	147,37%
<b>total</b>	<b>13.366</b>	<b>3.564.326</b>	<b>100</b>	<b>267</b>	<b>-12,19%</b>



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**THANK YOU FOR YOUR ATTENTION!  
QUESTIONS?**