

**Country**

**Czech Republic**

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**Trait category:**

**Individual trait(s):**

**Growth & beef**

**Daily gain**

**Kidney fat**

**Percentage dressing**

State Breeding Organization

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**CZECH REPUBLIC**

<b>Growth &amp; beef traits</b>	<b>Daily gain</b> <b>Kidney fat</b> <b>Percentage dressing</b>
<b>Breed(s)</b>	Fleckvieh, Simmental Cattle
<b>Trait definition and unit(s) of measuring</b>	Average daily gain considering liveweight between 150 and 500 days Proportion of fat in the kidney measured at slaughter house Percentage dressing is the percentage of useful parts in carcass halves
<b>Type of recording and evaluation</b>	Progeny test (male) at special stations
<b>Time period for data inclusion</b>	Data from the last 4 years of slaughters
<b>Genetic parameters</b>	$h^2_{\text{daily gain}} = 0.40$ $h^2_{\text{kidney fat}} = 0.40$ $h^2_{\text{percentage dressing}} = 0.40$
<b>Sire categories evaluated</b>	Test bulls
<b>Environmental effect pre-adjustment evaluation model</b>	None Station x year x season, breeding groups of sires, breeding groups of dams
<b>Base for age adjustment</b>	None
<b>Method (model) of genetic evaluation</b>	ST BLUP SM
<b>Evaluation system validation</b>	Data quality control, maximizing of heritability
<b>Expression of proof</b>	RBV with $M = 100$ and $SD = 10$
<b>Genetic (reference) base</b>	Rolling base, calculated from all the slaughtered young bulls just entering the calculation
<b>Criteria for official publication of sire proofs</b>	$\geq 12$ fattened bulls in progeny test stations
<b>Number of evaluations/publications per year</b>	4 evaluations; January, April, July, October 1 publication; August
<b>Use in total merit index</b>	No
<b>Key reference on methodology applied</b>	Internal material of the State Breeding Organization