

Preliminary results of this year's winter losses in Poland

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2009/2010 SURVEY

- ✗ Questionnaire published in beekeeping journal "Pszczelarstwo", (May)
- ✗ 86 letters posted and e-mailed to different beekeeper associations,
- ✗ 130 e-mails sent to individual beekeepers
- ✗ and a presentation during two beekeepers meetings.

DISTURBING CIRCUMSTANCES

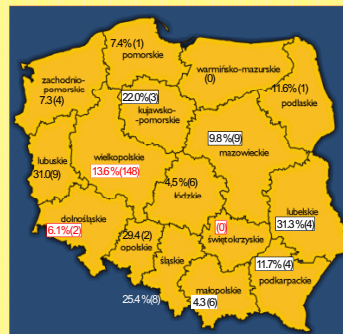
- ✗ 10 April - the crash of the president's plain in which 96 of the most important in country people died
- ✗ and enormous flood in May
- ✗ followed by the next enormous flood in June

Survey in 2009



Colony loss (no of questionnaires)

Survey in 2010 (29 May)



Colony loss (no of questionnaires)

Survey in 2010

Coloss questionnaire

Winter	Questionnaires (No)	Represent. (%)	Colonies before winter (No)	Represent. (%)	Loss (%)
2009/2010 (29 May)	202	0.5	8871	0.8	17.0
2009/2010 (11 June)	226	0.6	9330	0.9	19.0

Survey in 2009 and 2010

Coloss questionnaire

Winter	Questionnaires (No)	Represent. (%)	Colonies before winter (No)	Represent. (%)	Loss (%)
2008/2009	333	0.9	15290	1.5	11.0
2009/2010 (29 May)	202	0.5	8871	0.8	17.0
2009/2010 (11 June)	223	0.6	9253	0.9	19.0

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Survey in 2007 and 2008

(Anonymous questionnaire)

Winter	Questionnaires (No)	Represent. (%)	Colonies before winter (No)	Represent. (%)	Loss (%)
2006/2007	431	1	24790	3	9,9
2007/2008			26710		15,3

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BEEKEEPERS OPINION ON CAUSES

- ✗ varroosis (20%)
- ✗ weak colonies in autumn (14%)
- ✗ nosemosis (13 %)
- ✗ poor queens (12%)
- ✗ and starvation (9%)

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THE OTHER DATA

- ✗ Most often used bee: *A. carnica* (99%),
- ✗ Accepted losses in apiary: 10 %
- ✗ Accepted losses in region: 10 %

- ✗ Problem with the question:
 - ✗ E3 How many production colonies did you have at **October 1 2009**?
 - ✗ E4 How many production colonies did you have at **April 1 2010**?
 - ✗ E5 How many splits or increases did you make/buy between **October 1 2009** and **April 1 2010**?

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