

# PLANT DISEASE AND INSECT ADVISORY



Entomology and Plant Pathology  
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Vol. 3, No. 3

Website: <http://entopl.okstate.edu/Pddl/advisory.htm>

Mar 11, 2004

## March Alfalfa Weevil Egg Populations 2004

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Alfalfa weevil egg populations for March are located in the attached table. In addition, degree days through March 3, 2004 are presented in the last column. Viabilities for these samples have been processed and will be available in about a week. As soon as we get the information we'll get it out to you. For comparison, January egg populations and viabilities are also depicted. Egg populations were somewhat lower in all but two counties compared to January numbers. These lower numbers may be attributed to cool and wet conditions on the sample dates, especially in Southwest Oklahoma.

Remember, as far as alfalfa weevil populations are concerned, 150 degree days represent the level that serves as an indicator for growers and consultants to begin scouting for larvae. Small larvae were identified in January through some of the samples, but were too small and numbers too light to justify concern. With the increase in temperature, degree days will start to accumulate faster and increased scouting will be needed.

Table 1. Alfalfa weevil egg populations and viabilities for 2004, across Oklahoma. The last column depicts degree days for 2004 in each of the counties sampled (Through March 3, 2004).

County	Mar 2004	Mar 04 % Viable	Jan 04	Jan 04 % Viable	Degree Days 2004 thru 3-3-04
Grady	107.6		206.0	34	166.8
Kay	53.6		94.8	49	106.3
Kingfisher	39.2		207.2	75	145.2
Payne	60.4		241.2	79	158.2
Pottawatomie	135.2		118.4	79	170.6
Tillman	16.0		26.8	*	214.5
Washita	137.2		486.0	69	157.9
Woods	198.0		496.0	72	132.6
Garvin	73.6		38.0	*	194.7
Tulsa	106.8		115.2	90	157.2
** Mean	92.76		202.96	54.7	160.4

\* No viability in a specific county means that egg numbers recovered was insufficient to conduct an assessment.

\*\* Means represent all areas sampled, each year, not simply those depicted.

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