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[1]时新瑞,赵云彤,王克勤.吸虫塔监测中有翅蚜迁飞数量动态及其与气象因子的关系[J].大豆科学,2014,33(06):949-952.  
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### 吸虫塔监测中有翅蚜迁飞数量动态及其与气象因子的关系

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摘要: 2011~2013年在黑龙江省牡丹江市通过建立昆虫吸虫塔对蚜虫迁飞的种群动态及其与气象因子的关系进行观察分析。结果表明:蚜虫迁飞期一般在5月中下旬至10月中下旬,迁飞历期为150~160 d,每周的迁飞量变化很大,每年约有6~7周为大量迁飞期;吸虫塔监测结果对田间蚜虫的发生可以起到预警的作用;蚜虫的迁飞与气象因子密切相关,前期温度是影响蚜虫羽化迁飞的重要因素,而强降水的天气可以造成迁飞蚜虫数量的大幅减少。

Abstract: From 2011 to 2013,the population dynamics of aphid migration and its relationship to meteorological factors were observed and analyzed in Mudanjiang city of Heilongjiang province.The results showed that aphid migration period occurred generally in the mid-to-late May to late October,and the migration period last 150-160 days.The change of migratory amount was very big per week,the period of large migration amount was 6-7 weeks each year.The monitoring results of suction trap plays a warning role for the occurrence of aphids in the field.The aphid migration and meteorological factors were closely related.In the early period,temperature was an important factor that affecting the emergence and migration of aphid,and the strong precipitation could reduce the migration amount of aphid greatly.

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