基于气象因子的烤烟香型分区模型构建及应用

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摘要： 为了明确烤烟香型与气候间的关系，以 33 个不同香型烟叶典型产区的气象数据和烟叶香型为基础，采用逐步判别分析方法，建立了烤烟香型的气象因子评价模型，并利用全国 2012 年生产的 480 个烟叶样品对模型进行了验证。结果显示，该模型的判别正确率为 86.2%。利用该模型和全国主要烤烟产区的气象因子对各产区烟叶香型的判别结果形成了全国烤烟香型分区图，明确了基于气象因子评价模型的浓香型、中间香型和清香型烟叶的分布区域。

关键词： 烤烟；香型；气象因子；评价模型

Establishment and Application of Regional Division Model for Flue-cured Tobacco Flavor Types Based on Meteorological Factors

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Abstract: In order to reveal the relationship between flavor type of flue-cured tobacco and climate, a meteorological factor-based evaluation model for flue-cured tobacco flavor types was established with stepwise discriminant analysis method involving the meteorological data of 33 typical regions of different flue-cured tobacco flavor types. The model was verified with 480 flue-cured tobacco samples planted across China in 2012. The results showed that the discriminating accuracy of the model was 86.2%. Using the meteorological factors of major flue-cured tobacco growing areas in China and the flavor type of tobacco leaves from each area discriminated by the model, a flavor type map of flue-cured tobacco was obtained, it clarified the distribution areas of flue-cured tobacco of robust, medium and fresh flavor styles.

Keywords: Flue-cured tobacco; Flavor type; Meteorological factor; Evaluation model