

Memo To: Kentucky Fertilizer Registrants/Licensees

Subject: Standard Application Rates for Bagged Tobacco Fertilizers

Date: November 1, 2000

From: D. L. Terry, Coordinator,
Fertilizer Regulatory Program

I have surveyed most of the companies who will be registering bagged tobacco fertilizers in Kentucky for the 2001 season and have their input on a 'Standard' application rate for tobacco grades of fertilizer. Based on this input and after consulting with Dr. Bob Pearce of the UK Department of Agronomy, I am proposing the following standard application rates for tobacco fertilizers.

Table of Standard Application Rates for Tobacco Fertilizer

Grade	Standard Application Rate, lb/A*	Maximum Chlorine Allowed in Fertilizer,%**
5-10-15	2000	2.5%
6-12-18	1700	2.9%
8-10-15	2000	2.5%
9-18-27	1100	4.5%
10-10-15	2000	2.5%
10-10-20	1500	3.3%
10-15-25	1200	4.1%
15-15-15	2000	2.5%

***Application rate is based on 300 lb K₂O per acre**
**** Note: The Max. Chlorine percentages are NOT to be placed on the bag but are guides for formulation.**

Note: For grades not listed the rate is determined using the 300 lb/A K₂O standard. For example, for a 8-12-17 the maximum rate would be: 1800 lb/A (300/.17=1765 or 1800) The rate may be rounded to the nearest 100 lbs.

These rates have been reviewed by Dr. Bob Pearce, Tobacco Specialist, and has his concurrence.

The labeling should be similar to the following (I have used 9-18-27 as an example).

9-18-27 For Tobacco	
GUARANTEED ANALYSIS	
Total Nitrogen(N)	9%
Available Phosphate(P ₂ O ₅)	18%
Soluble Potash(K ₂ O)	27%
Chlorine(Cl), Maximum	50 lb/A
Apply Not More Than	1100 lb/A

Notes
1. The words, ' For Tobacco ', must be on the label to designate its use.
2. The maximum chlorine guarantee is the same for <u>ALL</u> grades.
3. The application rate will vary with the grade.
4. You must register each tobacco grade with the 'new' label for the year 2001.
5. I have agreed to allow any 'old' 5-10-15 bags to be used without a change.

You Must Register Each Tobacco Grade You Plan to Sell for the 2001 Season and Each Label Must Show the Maximum Chlorine Guarantee and the Standard Application Rate.

Please contact me immediately if you have any questions or need assistance in designing your label.