



Natural Resources Conservation Service

3381 Skyway Drive
Auburn, Alabama 36830

October 10, 2014

ALABAMA TECHNICAL GUIDE – SECTION IV - NOTICE AL76

This notice transmits revisions to the eFOTG.

The following are updates to the nutrient management standard, filter strip standard and supporting documents. These supporting documents will assist Field Offices to communicate practice specifications to clients and to make risk assessments.

CONSERVATION PRACTICE STANDARD:

Nutrient Management, Code 590 – REVISED – A new purpose was added – “To protect air quality by reducing odors, nitrogen emissions (ammonia, oxides of nitrogen), and the formation of atmospheric particulates”. As part of the criteria, there is increased emphasis on the 4 R’s of nutrient management (right rate, right time, right place and right source). Also the criteria reinforces avoid, control, trap and/or treat methodologies to protect water quality. This revision clarifies that all nitrogen sources (commercial, litter or manure) shall be applied within 30 days prior to the beginning of growth (perennial crops) or within 30 days prior to the planting of a crop (annual crops). Surface application of manure or litter on soil subject to very frequent or frequent flooding is revised to prohibit these surface applications only in the specific months that are listed as very frequent or frequent flooding as posted on the Web Soil Survey.

Statement of Work – REVISED - Updated to conform to the National Standard

Filter Strip, Code 393 – REVISED – Significant changes to this draft standard are the following: General rewording to reflect the formatting and flow of the national standard; Purposes have been consolidated; Minimum filter strip width will be based on a calculation that includes erosion rate and area contributing to sediment load; To better reflect national standard and surrounding states the minimal filter strip width to treat dissolved contaminants will be 30 ft. or the calculated with based on treating sediment whichever is greater. In the considerations section, there is an increased emphasis on using a system of conservation practices and increasing width to further reduce potential of contamination from runoff.

Statement of Work – REVISED - Updated to conform to the National Standard

TECHNICAL NOTES:

Phosphorus Index for Alabama: A planning tool to assess & manage P movement, Agronomy Technical Note AL- 72 – REVISED – Revised to incorporate the latest in technology available to producers and the current scientific understanding of P movement. The reduced P loss risk associated with improved soil health systems, precision application of P and manure/litter additives have been incorporated into the P index.

Nitrogen Leaching Index for Alabama: A planning tool to assess & manage N leaching, Agronomy Technical Note AL- 73 – NEW – To conform to the 590 national standard, a new agronomy technical note, (AL-73) was created to evaluate the nitrogen leaching and required mitigation to offset potential adverse effects. As a result of the leaching potential in Alabama, all N containing fertilizers (commercial and manure/litter) should be applied near the period of crop demand and follow ACES recommendations on N rate and timing.

GUIDE/JOB SHEETS:

[Vegetated Filters and Application Setbacks for Applying Animal Manure and Organic](#)

[By-Products, Alabama Guide Sheet No. AL590](#) – REVISED – Revised to better communicate to producers and conservation planners the requirements and considerations for vegetated filters and application setbacks when making land applications of animal manure and other organic by-products.

[Requesting an Alabama CNMP, Alabama Job Sheet No. AL590B](#) – REVISED – Revised to capture additional information needed for the new components of the Alabama P index (precision application and litter treatments).

[Filter Strip Implementation, Alabama Job Sheet No. AL393](#) – NEW – This job sheet includes site specific planning and design specifications and a practice certification page.

SPREADSHEETS:

[Alabama Phosphorus Index, Spreadsheet](#) – REVISED – Revised to incorporate the changes to the Alabama Phosphorus index included in Agronomy Technical Note AI- 72. Replaces AL-ECS Worksheet -590A

WORKSHEETS:

[Nutrient Management \(590\) Phosphorus Index Worksheet](#) – REMOVED – This hard copy worksheet will be updated and re-posted at a future date.

FILING INSTRUCTIONS: If hard copies are maintained, file the new or revised documents. Archive or discard the outdated material.



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DIST: All Employees