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SENATE BILL NO.1055

FLOOR AMENDMENT IN THE NATURE OF A SUBSTITUTE

(Proposed by Senator Stuart
on February 4, 2011)

(Patron Prior to Substitute—Senator Stuart)

A BILL to amend and reenact §§ 3.2-3600, 3.2-3602, 3.2-3602.1, 3.2-3607, 3.2-3611, 10.1-104.2, 10.1-603.7, and 15.2-924.1 of the Code of Virginia and to amend the Code of Virginia by adding sections numbered 3.2-3607.1 and 3.2-3607.2 and by adding in Article 1 of Chapter 1 of Title 10.1 a section numbered 10.1-104.5, relating to fertilizer; regulation of application and labeling; penalty.

Be it enacted by the General Assembly of Virginia:

1. That §§ 3.2-3600, 3.2-3602, 3.2-3602.1, 3.2-3607, 3.2-3611, 10.1-104.2, 10.1-603.7, and 15.2-924.1 of the Code of Virginia are amended and reenacted and that the Code of Virginia is amended by adding sections numbered 3.2-3607.1 and 3.2-3607.2 and by adding in Article 1 of Chapter 1 of Title 10.1 a section numbered 10.1-104.5 as follows:

§ 3.2-3600. Definitions.

As used in this chapter, unless the context requires a different meaning:

"Brand" means a term, design, trademark or product name under which a regulated product is distributed.

"Bulk" means in nonpackaged form.

"Bulk fertilizer" means a fertilizer distributed in a nonpackaged form.

"Commercial fertilizer" means a fertilizer distributed for farm use, or for any other use, other than any specialty fertilizer use.

"Compost" means a biologically stable material derived from the composting process.

"Composting" means the biological decomposition of organic matter. It may be accomplished by mixing and piling so as to promote aerobic decay, anaerobic decay, or both aerobic and anaerobic decay.

"Contractor-applicator" means any person required to hold a permit to distribute or apply any regulated product pursuant to § 3.2-3608.

"Custom medium" means a horticultural growing medium that is prepared to the exact specifications of the person who will be planting in the medium and delivered to that person without intermediate or further distribution.

"Deficiency" means the amount of nutrient found by analysis to be less than that guaranteed, which may result from a lack of nutrient ingredients, or from lack of uniformity.

"Distribute" means to import, consign, manufacture, produce, compound, mix, blend, or in any way alter, the chemical or physical characteristics of a regulated product, or to offer for sale, sell, barter, warehouse or otherwise supply regulated product in the Commonwealth.

"Distributor" means any person who distributes.

"Fertilizer" means any substance containing one or more recognized plant nutrients, which is used for its plant nutrient content, and which is designed for use, or claimed to have value, in promoting plant growth. Fertilizer does not include unmanipulated animal and vegetable manures, marl, lime, limestone, and other products exempted by regulation.

"Fertilizer material" means a fertilizer that: (i) contains important quantities of no more than one of the primary plant nutrients: nitrogen (N), phosphate (P205) and potash (K20); (ii) has 85 percent or more of its plant nutrient content present in the form of a single chemical compound; or (iii) is derived from a plant or animal residue, a by-product, or a natural material deposit that has been processed or conditioned in such a way that its content of plant nutrients has not been materially changed, except by purification and concentration.

"Grade" means the percentage of total nitrogen (N), available phosphate (P205) and soluble potash (K20), stated in whole numbers in the same terms, order, and percentages as in the guaranteed analysis, except that fertilizer materials, specialty fertilizers, bone meal, manures and similar raw materials may be guaranteed in fractional units.

"Guaranteed analysis" means that information required by this chapter to be displayed on the label of a regulated product.

"Guarantor" means the person whose name appears on the label of a regulated product.

"Horticultural growing medium" means any substance or mixture of substances that is promoted as or is intended to function as an artificial soil for the managed growth of horticultural crops.

"Industrial co-product" means a product derived from an industrial process that meets the definition of fertilizer, soil amendment, soil conditioner or horticultural growing medium.

"Investigational allowance" means an allowance for variations, inherent in the taking, preparation, and analysis of an official sample.

60 "Label" means the display of all written, printed, or graphic matter, upon the immediate container, or
61 a statement accompanying a regulated product, including an invoice.

62 "Labeling" means all written, printed, or graphic matter, upon or accompanying any regulated
63 product, including invoices, advertisements, brochures, posters, and television and radio announcements,
64 used in promoting the sale of the regulated product.

65 "*Lawn fertilizer*" means any fertilizer intended for nonagricultural use on newly established turf
66 areas from sod or seed during their first growing season, turf areas being repaired or renovated, and
67 turf areas where soil tests performed within the past three years indicate a nutrient deficiency.

68 "*Lawn maintenance fertilizer*" means any fertilizer intended for the nonagricultural routine
69 maintenance of turf.

70 "Licensee" means the person who receives a license to distribute any regulated product under the
71 provisions of this chapter.

72 "*Manipulated manure*" means animal or vegetable manure that is ground, pelletized, mechanically
73 dried, packaged, supplemented with plant nutrients or other substances other than phosphorus, or
74 otherwise treated in a manner to assist with the sale or distribution of the manure as a fertilizer or soil
75 or plant additive.

76 "Manufacturer" means any person who manufactures, produces, compounds, mixes, blends, or in any
77 way alters the chemical or physical characteristics of any regulated product.

78 "Mixed fertilizer" means a fertilizer containing any combination or mixture of fertilizer materials.

79 "Official analysis" means the analysis of an official sample, made by the Commissioner.

80 "Official sample" means the sample of regulated product taken by the Commissioner, and designated
81 as "official" by the Board.

82 "Percent" or "percentage" means the percentage by weight.

83 "Primary nutrient" includes total nitrogen (N), available phosphate (P205), and soluble potash (K20).

84 "Quantity statement" means the net weight (mass), net volume (liquid or dry), count or other form of
85 measurement of a commodity.

86 "Registrant" means the person who registers regulated products, under the provisions of this chapter.

87 "Regulated product" means any product governed by this chapter, including any fertilizer, specialty
88 fertilizer, soil amendment, soil conditioner, and horticultural growing medium.

89 "Soil amendment" means any substance or mixture of substances, imported, manufactured, prepared
90 or sold for manurial, soil enriching, or soil corrective purposes, or intended to be used for promoting or
91 stimulating the growth of plants, increasing the productivity of plants, improving the quality of crops, or
92 producing any chemical or physical change in the soil. The following are exempt from the definition of
93 "soil amendment": fertilizer, unmanipulated or composted animal and vegetable manures, soil
94 conditioners, horticultural growing media, agricultural liming materials, unmixed mulch and unmixed
95 peat.

96 "Soil conditioner" means any substance or mixture of substances imported, manufactured, prepared or
97 sold for soil corrective purposes including polyelectrolytes such as complex vinyl and acrylic compounds
98 and certain cellulose and lignin derivatives.

99 "Specialty fertilizer" means a fertilizer distributed for nonfarm use, including use on home gardens,
100 lawns, shrubbery, flowers, golf courses, municipal parks, cemeteries, greenhouses and nurseries.

101 "Stop sale, use, removal, or seizure order" means an order that prohibits the distributor from selling,
102 relocating, using, or disposing of a lot of regulated product, or portion thereof, in any manner, until the
103 Commissioner or the court gives written permission to sell, relocate, use or dispose of the lot of
104 regulated product or portion thereof.

105 "Ton" means a unit of 2000 pounds avoirdupois weight.

106 "*Turf*" means nonagricultural land that is planted as closely mowed, managed grass and includes
107 golf courses, parks, cemeteries, publicly owned lands, and residential, commercial, or industry property.

108 "Unmanipulated manure" means substances composed of the excreta of domestic animals, or
109 domestic fowls, that has not been processed or conditioned in any manner including processing or
110 conditioning by drying, grinding, pelleting, shredding, addition of plant food, mixing artificially with any
111 material or materials (other than those that have been used for bedding, sanitary or feeding purposes for
112 such animals or fowls), or by any other means.

113 § 3.2-3602. Local government regulation of fertilizer.

114 No Except for §§ 10.1-603.7 and 15.2-924.1, no locality shall regulate the registration, packaging,
115 labeling, sale, use, application, or distribution of fertilizers. The provisions of this section shall not
116 preempt the adoption, amendment, or enforcement of the Statewide Fire Prevention Code pursuant to
117 § 27-97 and the Uniform Statewide Building Code pursuant to § 36-98.

118 § 3.2-3602.1. Board authorized to adopt regulations for the application of regulated products to
119 nonagricultural property; civil penalty.

120 A. The Board shall adopt regulations to certify the competence of (i) contractor-applicators and, (ii)
121 licensees, and (iii) employees, representatives, or agents of state agencies, localities, or other

governmental agencies who apply any regulated product to nonagricultural lands.

B. The regulations shall establish (i) training requirements ~~and~~; (ii) proper nutrient management practices in accordance with § 10.1-104.2, ~~and~~ including soil analysis techniques, equipment calibration, and the timing of the application; *and (iii) reporting requirements, including the submission of an annual report as specified by the Commissioner regarding the location of lawn fertilizer applications. The annual report shall be submitted by contractor-applicators and licensees who apply lawn fertilizer to more than a total of 100 acres of nonagricultural lands annually and by employees, representatives, or agents of state agencies, localities, or other governmental agencies who apply lawn fertilizer to nonagricultural lands. The annual report shall include the total acreage or square footage by zip code of the land receiving lawn fertilizer in the preceding calendar year. The annual report shall be submitted in a form prescribed by the Commissioner on or before February 1. The Department shall provide for optional reporting by electronic methods. The Department shall make publicly available every year the total acreage or square footage by zip code. Any personal information collected pursuant to this section shall be exempt from the Virginia Freedom of Information Act (§ 2.2-3700 et seq.), except that the Commissioner may release information that has been transformed into a statistical or aggregate form that does not allow identification of the persons who supplied, or are the subject of, particular information.*

BC. The Board may impose a civil penalty of up to \$250 on any contractor-applicator or licensee who fails to comply with the regulations. The amount of the civil penalty shall be paid into the special fund established in § 3.2-3617.

CD. The Board shall form a technical advisory committee of stakeholders. The Board shall consult with the technical advisory committee of stakeholders and the Department of Conservation and Recreation in the development of the regulations.

~~D. Contractor-applicators and licensees~~ E. Any person who ~~apply~~ is subject to regulation and who applies any regulated product to nonagricultural lands shall comply with the regulations within 12 months of the effective date of the regulations.

§ 3.2-3607. Product registration and label requirements; exemptions.

A. In addition to licensing requirements:

1. Any person whose name is on the label of and who distributes in the Commonwealth any specialty fertilizer packaged in containers of 50 pounds or less dry net weight, or five gallons or less liquid net volume, shall: (i) apply for registration for such specialty fertilizer with the Commissioner on forms furnished or approved by the Commissioner; (ii) pay to the Commissioner by July 1 of each registration year a registration fee of \$50 for each grade under a given brand prior to distributing the fertilizer in the Commonwealth; and (iii) provide labels for each grade under a given brand with the application.

2. Any person who distributes in the Commonwealth a soil amendment, soil conditioner, or horticultural growing medium shall: (i) apply for registration for such soil amendment, soil conditioner, or horticultural growing medium with the Commissioner on forms furnished or approved by the Commissioner; (ii) pay to the Commissioner by July 1 of each registration year a registration fee of \$100 for each product name or brand of soil amendment, soil conditioner or horticultural growing medium prior to distributing the product in the Commonwealth; and (iii) provide labels for each product name or brand with the application.

B. The Commissioner shall furnish a copy of the registration to the applicant after approval of the registration.

C. Any person applying for registration of a specialty fertilizer, soil amendment, soil conditioner, or horticultural growing medium shall include with the application a label that includes the following information:

1. For specialty fertilizer, the grade under a given brand; for soil amendments, soil conditioners, or horticultural growing media, the product name or brand;

2. The guaranteed analysis;

3. The name and address of the registrant; and

4. The quantity statement.

D. The Commissioner may require verification of any labeling claims for any regulated product.

E. Custom-media and horticultural growing media planted with live plant material are exempt from labeling and registration requirements and inspection fees.

F. *Beginning December 31, 2013, no lawn maintenance fertilizer containing more than zero percent phosphorus or other compounds containing phosphorus, such as phosphate, shall be registered with the Commissioner or offered for sale, distribution, or use in the Commonwealth. This prohibition does not include lawn fertilizer, manipulated manure, yard waste compost, products derived from sewage sludge, soils containing fertilizer, fertilizer products intended primarily for gardening, tree, shrub, and indoor plant application, including nurseries, or reclaimed water. The provisions of this section shall not*

183 *restrict the continued sale by retailers of any prohibited fertilizer from any existing inventories in stock*
184 *on December 31, 2013.*

185 G. The Commissioner shall give the guarantor or manufacturer of any unregistered regulated product
186 in commerce in the Commonwealth, a grace period of 15 working days from issuance of notification
187 within which to register the regulated product. Any person required to register any regulated product
188 who fails to register the regulated product within the grace period shall pay to the Commissioner a \$50
189 late fee in addition to the registration fee. The Commissioner may issue a stop sale, use, removal or
190 seizure order upon any regulated product until the registration is issued.

191 § 3.2-3607.1. *Consumer education.*

192 A. *The Department, in consultation with representatives of the fertilizer industry, fertilizer retailers,*
193 *and statewide turf and lawn care organizations, and other interested parties, may develop consumer*
194 *information and recommended best practices for the application of lawn fertilizer.*

195 B. *The Department shall provide a public listing of contractor-applicators who apply fertilizer on*
196 *nonagricultural lands and have met the training requirements of § 3.2-3602.1. The Department shall*
197 *encourage consumers to consult the listing when hiring a lawn care professional.*

198 § 3.2-3607.2. *Sale of deicing agents.*

199 *Beginning December 31, 2013, it is unlawful for any person to offer for sale any deicing agent*
200 *containing urea or other forms of nitrogen or phosphorus intended for application to parking lots,*
201 *roadways, and sidewalks or other paved surfaces in the Commonwealth. The provisions of this section*
202 *shall not restrict the continued sale by retailers of any deicing agent from any existing inventories in*
203 *stock on December 31, 2013.*

204 § 3.2-3611. *Labeling.*

205 A. The manufacturer or guarantor of any regulated product distributed in the Commonwealth shall
206 affix a label to the container or provide an invoice at the time of delivery for a bulk regulated product
207 that states in clear, legible and conspicuous form, in the English language, the following information:

208 1. The quantity statement;

209 2. The grade under a given brand. The grade shall not be required when no primary nutrients are
210 claimed;

211 3. The guaranteed analysis, which shall:

212 a. For fertilizers, conform to the following, with the percentage of each plant nutrient stated as
213 follows:

214 (1) Total Nitrogen (N) %

215 Available Phosphate (P205) %

216 Soluble Potash (K20) %

217 (2) For unacidulated mineral phosphate materials and basic slag, bone, tankage, and other organic
218 phosphate materials, the available phosphate (P205), or the degree of fineness, or both, may also be
219 guaranteed;

220 (3) Guarantees for plant nutrients other than nitrogen (N), phosphate (P205), and potash (K20) shall
221 be expressed in the form of the element. A statement of the sources of nutrients including oxides, salt,
222 and chelates, may be required on the application for registration of specialty fertilizers, and may be
223 included as a parenthetical statement on the label. Degree of acidity or alkalinity (pH), beneficial
224 substances, or compounds determinable by laboratory methods also may be guaranteed by permission of
225 the Commissioner and with the advice of the Director of the Virginia Experiment Station. When any
226 degree of acidity or alkalinity (pH), beneficial substances, or compounds are guaranteed, they shall be
227 subject to inspection and analysis in accord with the methods and regulations prescribed by the Board;

228 b. For soil amendments, consist of a list of ingredients, and may include a statement of naturally
229 occurring nutrient levels;

230 c. For soil conditioners, including polyelectrolytes, contain the following information in the following
231 form:

232 (1) Name of active ingredient %

233 (name and list all)

234 (2) Total other ingredients %

235 d. For horticultural growing media, include a list of ingredients and other guarantees as required by
236 regulation;

237 e. When compost derived from sewage sludge, hazardous materials, unrendered animals or poultry or
238 their parts, or other source material specified in regulations established by the Board is used as an
239 ingredient, identify the source material of the compost; and

240 f. Include a list of such other ingredients as may be required by the Board through regulation.

241 4. The name and address of the registrant or licensee.

242 B. A commercial fertilizer that is formulated according to specifications provided by a consumer
243 prior to mixing, or any fertilizer formulated for a consumer, shall be labeled to show: (i) the quantity
244 statement; (ii) the guaranteed analysis; and (iii) the name and address of the distributor or the licensee.

C. For horticultural growing media, a statement of added fertilizers, if any, shall be listed on the registration document and customer sales invoice.

D. Beginning December 31, 2013, lawn fertilizer shall be labeled as follows:

"DO NOT APPLY NEAR WATER, STORM DRAINS, OR DRAINAGE DITCHES. DO NOT APPLY IF HEAVY RAIN IS EXPECTED. APPLY THIS PRODUCT ONLY TO YOUR LAWN/GARDEN, AND SWEEP ANY PRODUCT THAT LANDS ON THE DRIVEWAY, SIDEWALK, OR STREET, BACK ONTO YOUR LAWN/GARDEN."

§ 10.1-104.2. Voluntary nutrient management training and certification program.

A. The Department shall operate a voluntary nutrient management training and certification program to certify the competence of persons preparing nutrient management plans for the purpose of assisting ~~land owners~~ landowners and operators in the management of land application of fertilizers, municipal sewage sludges, animal manures, and other nutrient sources for agronomic benefits and for the protection of the Commonwealth's ground and surface waters.

B. *The Department shall develop a flexible, tiered, voluntary nutrient management training program to assist landowners and operators in preparing their own property nutrient management plans that meet the nutrient management specifications developed by the Department. These plans shall be approved by the local soil and water conservation district in which the property is located. The Department shall convene a stakeholder group composed of individuals representing agricultural and environmental organizations and soil and water conservation districts to assist in the development of this program.*

C. The Department shall ~~promulgate~~ with the approval of the Virginia Soil and Water Conservation Board adopt regulations:

1. Specifying qualifications and standards for individuals to be deemed competent in nutrient management plan preparation, and providing for the issuance of documentation of certification to such individuals;

2. Specifying conditions under which a certificate issued to an individual may be suspended or revoked;

3. Providing for criteria relating to the development of nutrient management plans for various agricultural and urban agronomic practices;

4. Establishing fees to be paid by individuals enrolling in the training and certification programs;

5. Providing for the performance of other duties and the exercise of other powers by the Director as may be necessary to provide for the training and certification of individuals preparing nutrient management plans; and

6. Giving due consideration to relevant existing agricultural certification programs.

~~B.D.~~ There is hereby established a special, nonreverting fund in the state treasury to be known as the Nutrient Management Training and Certification Fund. The fund shall consist of all fees collected by the Department pursuant to subsection A. No part of the fund, either principal or interest, shall revert to the general fund. The fund shall be administered by the Director, and shall be used solely for the payment of expenses of operating the nutrient management training and certification program.

§ 10.1-104.5. *Nutrient management plans required for golf courses; penalty.*

A. *On or before July 1, 2017, all persons that own land operated as a golf course and upon which fertilizer, manure, sewage sludge, or other compounds containing nitrogen or phosphorous are applied to support turf, plant growth, or other uses shall develop and implement nutrient management plans for such land pursuant to § 10.1-104.2 and regulations adopted thereunder. However, such lands shall be exempt from the application rate and timing provisions contained in any regulations developed pursuant to § 10.1-104.2 if research involving nutrient application rate and timing is conducted on such lands.*

B. *Nutrient management plans developed pursuant to this section shall be submitted to the Department. The Department shall approve or contingently approve such nutrient management plans within 30 days of submission. Such nutrient management plans shall be revised and resubmitted for approval to the Department every five years thereafter or upon a major renovation or redesign of the golf course lands, whichever is sooner.*

C. *Golf courses shall maintain and properly implement approved nutrient management plans, planning standards, and specifications on all areas where nutrients are applied.*

D. *Nutrient management plans shall be made available to the Department upon request.*

E. The Department shall (i) provide technical assistance and training on the development and implementation of nutrient management plans, planning standards, and specifications and (ii) establish, prior to July 1, 2015, a cost-share program specific to golf courses for implementation of this section.

F. Any information collected pursuant to this section shall be exempt from the Virginia Freedom of Information Act (§ 2.2-3700 et seq.).

G. A golf course found to be in violation of this section after July 1, 2017, shall be given 90 days to submit a nutrient management plan to the Department for approval before a \$250 civil penalty is

306 *imposed. All civil penalties imposed under this section shall be deposited in the Nutrient Management*
307 *Training and Certification Fund.*

308 § 10.1-603.7. Authorization for more stringent ordinances.

309 A. Localities are authorized to adopt more stringent stormwater management ordinances than those
310 necessary to ensure compliance with the Board's minimum regulations, provided that the more stringent
311 ordinances are based upon factual findings of local or regional comprehensive watershed management
312 studies or findings developed through the implementation of a MS4 permit or a locally adopted
313 watershed management study and are determined by the locality to be necessary to prevent any further
314 degradation to water resources or to address specific existing water pollution including nutrient and
315 sediment loadings, stream channel erosion, depleted groundwater resources, or excessive localized
316 flooding within the watershed and that prior to adopting more stringent ordinances a public hearing is
317 held after giving due notice. *Localities shall report to the Board when more stringent stormwater*
318 *management ordinances are determined to be necessary pursuant to this section.*

319 B. Any local stormwater management program in existence before January 1, 2005, that contains
320 more stringent provisions than this article shall be exempt from the requirements of subsection A.

321 § 15.2-924.1. Regulation of nonpoint source pollution; fertilizer.

322 A. No locality shall regulate the use, application, or storage of fertilizers, as defined in Chapter 36
323 (§ 3.2-3600 et seq.) of Title 3.2, ~~except~~ by (i) *contractor-applicators who are in compliance with*
324 *Chapter 36 (§ 3.2-3600 et seq.) of Title 3.2, (ii) golf courses that have nutrient management plans as*
325 *required in § 10.1-104.5, or (iii) agricultural operations that have either a resource management plan or*
326 *a nutrient management plan developed in accordance with the standards and specifications of the*
327 *Department of Conservation and Recreation.*

328 B. *Except as provided in subsection A, localities may regulate the use, application, or storage of*
329 *fertilizer by ordinances consistent with the requirements of the Chesapeake Bay Preservation Act*
330 *(§ 10.1-2100 et seq.), the Erosion and Sediment Control Law (§ 10.1-560 et seq.), the Stormwater*
331 *Management Act (Article 1.1 (§ 10.1-603.1 et seq.) of Chapter 6 of Title 10.1), or other nonpoint source*
332 *regulations promulgated by the Department of Conservation and Recreation or the Soil and Water*
333 *Conservation Board.*

334 BC. The provisions of this section shall not preempt the adoption, amendment, or enforcement of the
335 Statewide Fire Prevention Code pursuant to § 27-97 and the Uniform Statewide Building Code pursuant
336 to § 36-98.

337 CD. Any person aggrieved by any development condition prohibiting or restricting the use,
338 application, or storage of fertilizers imposed as a condition of approval of a land use application
339 submitted shall have the right to contest any such development condition by filing an action pursuant to
340 § 15.2-2285 or 15.2-2314, as the case may be, with the circuit court having jurisdiction of the land
341 affected by the imposed development condition.

342 2. That the Department of Agriculture and Consumer Services shall provide, no later than
343 December 15, 2011, a report to the House Committee on Agriculture, Chesapeake and Natural
344 Resources and the Senate Committee on Agriculture, Conservation and Natural Resources
345 concerning the use of slowly available nitrogen in lawn fertilizer. The report shall (i) conduct an
346 assessment of the most effective means to encourage the use of slowly available nitrogen in lawn
347 fertilizer, (ii) determine the most appropriate percentages of slowly available nitrogen to be
348 included in lawn fertilizers, (iii) recommend the most appropriate effective date for any change,
349 (iv) calculate the costs to the manufacturer and consumer, and (v) provide a review of any other
350 issues related to the use of slowly available nitrogen in lawn fertilizers. The Department shall
351 consult with the Department of Conservation and Recreation and the Chesapeake Bay Commission
352 and, at the Department's discretion, may convene a technical advisory committee of stakeholders
353 concerning the development and content of the report.