

## Kentucky Agricultural Experiment Station

UNIVERSITY OF KENTUCKY

### THE KENTUCKY SEED LAW\*

AN ACT to regulate the distribution and sale, the selling or exposing for sale, of agricultural seed; defining same, providing for inspection thereof and fixing penalties for violation of this act; naming the enforcing agent, prescribing his duties and empowering him to make rules and regulations necessary to carry out the intent and meaning of this act; to provide means for carrying out its provisions; and to repeal all laws or parts of laws in conflict with this act.

*Be it enacted by the General Assembly of the Commonwealth of Kentucky:*

1. That the term "agricultural seeds" or "agricultural seed", as used in this Act, shall be defined as the seeds of Canada bluegrass, Kentucky bluegrass, brome grass, fescues, millets, tall meadow oat grass, orchard grass, crested dogstail, redtop, Italian ryegrass, perennial ryegrass, grain sorghums, sweet sorghums, Sudan grass, timothy, alfalfa, alsike clover, crimson clover, red clover, sweet clover, white clover, Canada field peas, Austrian peas, cowpeas, soybeans, vetches, lespedeza sp., buckwheat, flax, hemp, tobacco, rape, seed potatoes, barley, corn of all kinds, oats, rye, wheat, lettuce, peas, tomatoes, beans, onions, cabbage, carrots, melons and other truck crop seeds, grasses, cereals and legumes which are sold, offered or exposed for sale within this State for seeding purposes.

#### *Label Requirements of Agricultural Seeds.*

2. Every lot of agricultural seeds, as defined in Section 1 of this Act except as herein otherwise provided, when in bulk, packages or other containers of one pound or more, shall have affixed thereto, in a conspicuous place on the exterior of the container of such agricultural seeds, a plainly written or printed

\* Senate Bill 265, passed at the 1932 Session of the General Assembly of Kentucky.

tag or label in the English language, in a manner prescribed by the Director of the Kentucky Agricultural Experiment Station or his agent, stating:

- (a) Commonly accepted name of such agricultural seeds.
- (b) The approximate percentage by weight of purity; meaning, the freedom of such agricultural seeds from inert matter and from other seeds distinguishable by their appearance.
- (c) The approximate total percentage by weight of weed seeds; the term "weed seeds", as herein used, being defined as the noxious weed seeds listed in Section 2, subsection (d) and all seeds not listed in Section 1 as agricultural seeds.
- (d) The name and approximate number per ounce of each kind of the seeds or bulblets of the noxious weeds provided for in Section 2, subsection (d) of this Act, which are present per ounce of agricultural seeds.

Noxious weed seeds or bulblets are defined as the seeds or bulblets of quack-grass (*Agropyron repens*), dodder (*Cuscuta* sp.), sorrel (*Rumex acetosella*), buckhorn (*Plantago lanceolata*), corn cockle (*Agrostemma githago*), wild onion (*Allium vineale*), Canada thistle (*Cirsium arvense*), and such other weeds as the Director of the Kentucky Agricultural Experiment Station or his agent may from time to time determine to be noxious and a menace to the best interests of the agriculture of Kentucky: Provided, however, that twelve months notice shall be given to the seed trade before any addition to the noxious weed seed list shall become effective.

- (e) The approximate percentage of germination of such agricultural pure seeds designated together with the month and year said seeds were tested.
- (f) Full name and address of the vendor of such agricultural seed.
- (g) Name of State where such seed was grown, and if this is unknown a statement to that effect.

*Label Requirements of Mixtures of Agricultural Seeds.*

3. Mixtures of agricultural seeds which contain two or more kinds of such seeds each present in excess of five per cent

by weight of the total mixture, when sold, offered or exposed for sale as mixtures in containers of more than one pound, shall have affixed thereto, in a conspicuous place on the exterior of the container of such mixtures of seeds, a plainly written or printed tag or label, in the English language, stating:

(a) That such seed is a mixture.

(b) The name and approximate percentage by weight of each kind of agricultural seed present in such mixture if in excess of five (5) per cent by weight of the total mixture.

(c) Approximate percentage by weight of total weed seeds as defined in Section 2-c of this Act.

(d) The name and approximate number per ounce of each kind of seeds or bulblets of the noxious weeds listed in Section 2, subsection (d) of this Act which are present.

(e) Approximate percentage of germination of each kind of agricultural seed present in such mixture if in excess of five (5) per cent by weight, together with the month and year said seed was tested.

(f) Full name and address of vendor of such mixture.

(g) Name of State where such seed was grown, and if this is unknown, a statement to that effect.

*Label Requirements of Special Mixtures.*

4. Special mixtures of agricultural seeds except as specified in Section 3 of this Act, when sold, offered or exposed for sale as mixtures in bulk, packages or other containers in excess of one pound or more shall have affixed thereto in a conspicuous place on the exterior of the container of such mixture a plainly written or printed tag or label in the English language, stating:

(a) That such seed is a mixture.

(b) The name of each kind of agricultural seed which is present in proportion of five (5) per cent or more of the total mixture.

(c) The approximate total percentage by weight of weed seeds as defined in Section 2-c of this Act.

(d) Approximate percentage by weight of inert matter.

(e) The name and approximate number per ounce of each kind of seeds or bulblets of noxious weeds listed in Section 2, subsection (d) of this Act, which are present.

(f) Full name and address of the vendor of such mixture.

*Certified Seed.*

5. Seeds, roots or tubers bearing the certified tag of any Growers' Association whose requirements for certification are in any regard lower than those of the Kentucky Seed Improvement Association, shall not be sold or offered for sale in the State of Kentucky. Standards announced by the Secretary in the printed regulations governing the Kentucky Seed Improvement Association in June of each year shall be those prevailing for that month and the eleven succeeding months.

*Exemptions.*

6. Agricultural seeds or mixtures of same shall be exempt from the provisions of this Act:

(a) When possessed, exposed for sale or sold for food or feed purposes only.

(b) When sold to merchants to be recleaned before being sold or exposed for sale for seeding purposes.

(c) When in store for the purpose of recleaning and not possessed, sold or offered for sale for seeding purposes.

(d) When the seed is grown, sold and delivered by a producer on his own premises to the purchaser himself. If, however, the seed is advertised for sale by the public press, circular or catalogue, or if the seed is delivered by a common carrier, the seller shall be deemed a vendor and said seed and seller shall be subject to all the provisions and requirements of this Act. Lawn grass seed mixtures sold in quantities of five pounds or less shall be exempt from paragraph (d) of section two, paragraph (d) section three, and paragraph (e) of section four.

*Duties and Authority of Enforcing Officer.*

7. The duty of enforcing this Act and carrying out its provisions and requirements shall be vested in the Director of the Kentucky Agricultural Experiment Station or his agents.

The said Director or his agent upon notice to the seed trade of this State, shall be empowered to adopt such rules and regulations as may be deemed necessary in order to secure the efficient enforcement of this Act; provided that the said Kentucky Experiment Station shall maintain a laboratory with the necessary equipment and shall employ such analysts, inspectors and assistants as may be necessary for the proper enforcement and carrying out of the provisions of this Act, and with the approval of the Board of Trustees of the University of Kentucky, the Director of the Kentucky Agricultural Experiment Station shall fix the salaries of said analysts, inspectors and assistants. It shall be the duty of the Director of the Kentucky Agricultural Experiment Station or his agents at his discretion, to publish, or cause to be published, the results of the examination, analysis and tests of any and all samples of agricultural seed or mixtures of such seed, drawn as provided for in Section 9, together with any other information he may deem advisable. The Director of the Kentucky Agricultural Experiment Station or his agent, is empowered to seize any seed sold in or offered for sale in Kentucky which is not properly labeled and hold same until proper labeling is effected by the shipper or seller of such seed.

8. The word "approximate" as used in this Act shall be defined in the rules and regulations provided for in this Act, by the Director of the Kentucky Agricultural Experiment Station or his agent who shall be guided by the "Rules and Methods of Testing" adopted and approved by the Association of Official Seed Analysts of North America.

*Inspection, Sampling and Testing.*

9. It shall be the duty of the Director through his authorized agents, to inspect, examine and make analysis of and test any agricultural seeds sold, offered or exposed for sale within this State for seeding purposes, at such time and place, and to such extent as he may determine. The Director, and his agents, shall have free access at all reasonable hours to any premises or structures, or any vehicle, truck, elevator or steamship company and he is hereby given authority in person or by his agents, to

take for analysis a sample of such agricultural seeds. In case a sample upon test or analysis is found to fall below the statement on the tag or label attached to the lot from which said sample was secured, or to violate any of the provisions of this Act, the vendor or consignee of said lot of seed shall be notified and a copy of said notice mailed to the person, firm or corporation whose tag or label was found affixed thereto.

*Violations Defined.*

10. It shall be unlawful for any person, firm or corporation to sell, offer or expose for sale within this State any agricultural seeds, or mixtures of agricultural seeds, as defined in this Act, for seeding purposes without complying with the requirements of this Act, or falsely to mark or label any agricultural seeds, or to interfere in any way with the inspectors or assistants in discharge of the duties herein named.

*Violations and Prosecutions.*

11. Every violation of the provisions of this Act shall be deemed a misdemeanor punishable by a fine of not less than \$25.00 and not more than \$100.00 and if the Director of the Kentucky Agricultural Experiment Station or his agent shall find upon examination, analysis or test, that any person, firm or corporation has violated any of the provisions of this Act, he or his authorized agent or agents, may institute proceedings in a court of competent jurisdiction to have such person, firm or corporation convicted therefor, or the Director or his agent at his discretion may report the results of such examination to the Attorney General of Kentucky together with the sworn statement of the analyst, duly acknowledged, and such other evidence of said violation as he shall deem necessary. Provided, however, that no prosecutions under this Act, shall be instituted except in the manner following: When the Director of the Kentucky Agricultural Experiment Station or his agent finds that the Act has been violated, he shall give notice to the person or firm in whose hands the seed was found, designating a time and place for a hearing. This hearing shall be private and the person or

firm involved shall have the right to introduce evidence either in person, or by agent, or attorney. If, after said hearing, or without such hearing, in case said person fails or refuses to appear, the said Director or his agent decides that the evidence warrants prosecution, he shall proceed as herein provided.

It shall be the duty of the Attorney General of Kentucky or at his discretion he may act through the Attorney of the Commonwealth of the County or District or City in which said violation has occurred, to institute proceedings at once in any court of competent jurisdiction against the person, or persons, firms or corporations charged with such violation.

In any prosecutions arising from this Act a certified analysis or test by the Kentucky Agricultural Experiment Station shall be considered as competent evidence in any court of this State in any proceedings instituted under this Act. But upon motion of the accused the analyst whose signature is attached to the certificate of analysis shall be required to appear as a witness and be subject to cross examination, or as a witness for the accused.

*Provisions for Free Tests.*

12. Any citizen of this State shall have the privilege of submitting to the Kentucky Agricultural Experiment Station samples of agricultural seeds for test and analysis, subject to such rules and regulations as may be adopted by said Director of the Kentucky Agricultural Experiment Station. The Director may by such regulations fix the maximum number of samples that may be tested free of charge for any one citizen in any one period of time and fix charges for tests of samples submitted in excess of those tested free of charge. In case of non-residents of Kentucky a fee for the test of purity and for germination shall be paid in advance to the Director of the Kentucky Agricultural Experiment Station, said fees to be fixed by the Director or his agent in accordance with rules and regulations set forth in Section 7 of the Act. All moneys received from such fees shall be paid over to the Treasurer of the Board of Control of said Station to be used in defraying the expenses of seed analysis.

13. For the purpose of defraying the cost of inspection and analysis of agricultural seeds, the tags or labels specified in Sections 2, 3 and 4 of this Act must be purchased from the Director of the Kentucky Agricultural Experiment Station or his agent who shall receive 8 cents each for 100 pound tags or labels, 6 cents each for 75 pound tags or labels, 4 cents each for 50 pound tags or labels and 2 cents each for 25 pound tags or labels for alfalfa, sweet clover, and all grass and clover seeds or mixtures of any of these, and 4 cents each for 100 pound tags or labels, 3 cents each for 75 pound tags or labels, 2 cents each for 50 pound tags or labels, 1 cent each for 25 pound tags or labels, for all other agricultural seeds included in this Act. Money collected by the Director of the Kentucky Agricultural Experiment Station or his agent from the sale of tags shall be paid into the treasury of the State of Kentucky and paid out on vouchers drawn by the Director of the Kentucky Agricultural Experiment Station, who shall, so much as may be necessary to, expend the same in meeting the necessary expenses in carrying out the provisions of this act including the employment of inspectors, analysts and other assistants. Any unexpended remainder thereof shall revert to the General fund of the State of Kentucky.

14. The tag or label specified in Sections 2, 3 and 4, of this Act, must be delivered to the purchaser with every sale of agricultural seed as defined in this Act if said sale amounts to one pound or more whether said sale is in bulk or in package.

15. If any section or provision of the Act shall be held invalid the remaining sections and provisions shall not thereby be affected, showing a legislative intention of adopting the Act by sections as well as a whole.

16. An Act entitled *An Act to regulate the sale of Agricultural and other seeds*, enacted by the General Assembly at its regular session of 1916, and any other laws or parts of laws in conflict with this Act, are hereby repealed.

17. This Act shall be effective on and after July 1, 1932.

A. B. CHANDLER,  
President of the Senate.

JOHN Y. BROWN,  
Speaker of the House of Representatives.

RULES AND REGULATIONS GOVERNING THE SALE OF  
AGRICULTURAL SEEDS AND NOTES ON SEED  
INSPECTION AND SAMPLING

The seed law enacted by the General Assembly of Kentucky in 1932, and published in the first part of this bulletin, is a statute of importance to every citizen of the State who is interested in agricultural seeds. In order that the Act may be better understood, the essential features of its provisions and requirements with the main points of its operation are given herein.

*Enforcing Agent.* W. A. Price, of the Department of Entomology and Botany, has been designated by the Director of the Kentucky Agricultural Experiment Station to direct the work as enforcing agent. All communications relating to the operation of the law and all seed samples for analysis should be directed to him, or to the Seed Laboratory, Experiment Station, Lexington, Ky.

*Agricultural Seeds.* Seeds of all kinds whatsoever, including seed potatoes, that are intended for planting on the farm, for agricultural purposes, are considered "agricultural seeds".

*Exemptions.* Seeds sold for food or to recleaners or seeds in stock for recleaning, and seeds grown, sold and delivered by the producer, on his own premises, to the purchaser himself, are excepted; also one-pound quantities of mixtures and less than one-pound lots of all seed are exempt from the provisions of the law.

*Label Requirements.* Agricultural seeds sold or offered for sale in quantities of one pound or more, whether in bulk, packages or other containers, must have affixed to them official Kentucky labels of the proper kind and denomination, giving the following information:

On front of label,

- Name and address of vendor or dealer.
- Commonly accepted name of seed and variety.
- Approximate percentage of purity by weight.
- Approximate percentage of germination.
- Approximate percentage of hard seed.
- Date of germination test.
- Name of state or place where the seeds were grown.
- Approximate percentage of inert matter in special mixtures.

On back of label,

Approximate number per ounce of each kind of noxious weed seeds or bulblets.

Approximate percentage of weed seeds by weight.

*The Word Approximate Defined.* The word approximate as used in this law shall mean: within the "allowable variation" or "tolerance" shown in the Table of Allowable Variations below.

TABLE OF ALLOWABLE VARIATIONS

| Purity Claimed Percent | Variation Allowed (a) Percent | Germination Claimed Percent | Variation Allowed (b) Percent | Weed Seed Claimed No. per oz. | Variation Allowed (c) No. per oz. |
|------------------------|-------------------------------|-----------------------------|-------------------------------|-------------------------------|-----------------------------------|
| 99                     | .4                            | 99                          | 6                             | 5                             | 21                                |
| 98                     | .6                            | 98                          | 6                             | 10                            | 22                                |
| 97                     | .8                            | 97                          | 6                             | 15                            | 23                                |
| 96                     | 1.0                           | 96                          | 6                             | 20                            | 24                                |
| 95                     | 1.2                           | 95                          | 6                             | 25                            | 25                                |
| 94                     | 1.4                           | 94                          | 6                             | 30                            | 26                                |
| 93                     | 1.6                           | 93                          | 6                             | 35                            | 27                                |
| 92                     | 1.8                           | 92                          | 6                             | 40                            | 28                                |
| 91                     | 2.0                           | 91                          | 6                             | 45                            | 29                                |
| 90                     | 2.2                           | 90                          | 6                             | 50                            | 30                                |
| 89                     | 2.4                           | 89                          | 7                             | 55                            | 31                                |
| 88                     | 2.6                           | 88                          | 7                             | 60                            | 32                                |
| 87                     | 2.8                           | 87                          | 7                             | 65                            | 33                                |
| 86                     | 3.0                           | 86                          | 7                             | 70                            | 34                                |
| 85                     | 3.2                           | 85                          | 7                             | 75                            | 35                                |
| 84                     | 3.4                           | 84                          | 7                             | 80                            | 36                                |
| 83                     | 3.6                           | 83                          | 7                             | 85                            | 37                                |
| 82                     | 3.8                           | 82                          | 7                             | 90                            | 38                                |
| 81                     | 4.0                           | 81                          | 7                             | 95                            | 39                                |
| 80                     | 4.2                           | 80                          | 7                             | 100                           | 40                                |
| 79                     | 4.4                           | 79                          | 8                             | 110                           | 42                                |
| 78                     | 4.6                           | 78                          | 8                             | 120                           | 44                                |
| 77                     | 4.8                           | 77                          | 8                             | 130                           | 46                                |
| 76                     | 5.0                           | 76                          | 8                             | 140                           | 48                                |
| 75                     | 5.2                           | 75                          | 8                             | 150                           | 50                                |
| 74                     | 5.4                           | 74                          | 8                             | 160                           | 52                                |
| 73                     | 5.6                           | 73                          | 8                             | 170                           | 54                                |
| 72                     | 5.8                           | 72                          | 8                             | 180                           | 56                                |
| 71                     | 6.0                           | 71                          | 8                             | 190                           | 58                                |
| 70                     | 6.2                           | 70                          | 8                             | 200                           | 60                                |
| 69                     | 6.4                           | 69                          | 9                             | 210                           | 62                                |
| 68                     | 6.6                           | 68                          | 9                             | 220                           | 64                                |
| 67                     | 6.8                           | 67                          | 9                             | 230                           | 66                                |
| 66                     | 7.0                           | 66                          | 9                             | 240                           | 68                                |
| 65                     | 7.2                           | 65                          | 9                             | 250                           | 70                                |
| 64                     | 7.4                           | 64                          | 9                             | 260                           | 72                                |

(a) In this table the allowable variation for purity is computed

from the formula adopted by the Association of Official Seed Analysts of North America. This formula is: allowable variation  $= 0.2\% + 1/5$  (100—Purity).

(b) Allowable variation for germination is the same as that adopted by the Association of Official Seed Analysts of North America.

(c) Allowable variation for noxious weed seeds is computed from the formula  $V = 1/5F + 20$ . V=allowable variation. F=number of seeds claimed per ounce. This formula is indicated by our experience in the Seed Laboratory.

*Hard Seeds Defined.* Hard seeds are those which, on account of the toughness of the seed coat, do not absorb sufficient moisture for prompt germination. The percent of such seeds should be indicated on the tag, but must not be included in the germination percentage.

*Noxious Weed Seeds.* Following is a list of the noxious weeds specified in the Kentucky Seed Law. When seeds of these weeds occur in lots of agricultural seed the number per ounce must be shown on back of the State seed tag:

Quack Grass, a perennial which propagates by seeds and rootstocks.

Dodder, an annual parasite which propagates by seeds.

Sorrel, a perennial which propagates by seeds and rootstocks.

Buckhorn, a perennial which propagates by seeds.

Corn Cockle, an annual and winter annual which propagates by seeds.

Wild Onion, a perennial which propagates by bulbs and bulblets.

Canada Thistle, a perennial which propagates by seeds and rootstocks.

Ox-Eye Daisy, a perennial which propagates by seeds.

*Rules for Taking Samples of Seed for Analysis.\** No matter how accurately a seed analysis is made, it can show only the quality of the sample submitted for analysis. Every effort should be made to insure that the sample sent to the analyst shall represent the bulk of seed in question. Anyone contemplating the sale of seed should draw samples according to directions given below.

#### 1. WEIGHT OF SAMPLE TO BE SUBMITTED FOR ANALYSIS

The following are minimum weights of samples to be submitted for analysis:

(a) Two ounces of grass seed not elsewhere mentioned, white or alsike clover, or seeds not larger than these.

\* Taken from U. S. D. A. Department Circular No. 406.

(b) Five ounces of red or crimson clover, alfalfa, ryegrasses, brome grasses, millet, flax, rape, or seeds of similar size.

(c) One pound of cereal, vetches, or seeds of similar or larger size.

If the sample is to be examined for origin at least five times the quantities here specified should be submitted.

(d) If means of weighing are not available, samples may be measured as follows: Grass seed, one heaping teacup; alfalfa and clovers, one teacup; cereals (corn, wheat, rye, and seeds of similar size), three teacups.

## 2. METHOD OF TAKING THE SAMPLE

The sample must be taken in such a way that it represents as accurately as possible the bulk lot being sampled. To this end it is important that equal quantities be taken from each container sampled, and from each place in a container, in a given lot of seed.

(a) Bags, closed or open, should be sampled—

(1) With a trier or bag sampler long enough to reach the center of the bag; in small lots, approximately equal quantities should be taken from near the top, the middle, and the bottom of each bag; but when more than five bags are sampled, it should be sufficient to take from one place in each bag sampled (see 4); or

(2) With a long trier or probe which should extend the length of the bag.

(b) Bulk seeds in bins, cars, or other containers are to be sampled with a long trier or probe extended thru the bulk in several places.

(c) In the case of packet seeds, the entire packet of each should be taken.

## 3. ALTERNATIVE METHODS

When better means are not available, open bags of cereals, or other large seeds, or seeds in small bins, or other packages, may be sampled by hand, taking approximately equal quantities from different places including the top and opposite sides as

near the bottom as practicable. Any portion of seed which has been opened and exposed for sale should be considered as liable to contamination and should be sampled with special care.

**4. NUMBER OF BAGS TO BE SAMPLED**

In lots of five bags or less, each bag should be sampled. In larger lots, every fifth bag should be sampled, but never less than five bags. Whenever there is evidence of lack of uniformity in a lot of seed, each bag should be sampled separately. The samples from each bag may be kept separate or they may be combined in composite samples as circumstances require.

**5. DIVIDING THE SAMPLE**

The total quantity of seed drawn may be in excess of that required for a sample. It is very important that the seeds should be thoroly mixed before taking the sample that is to be sent for analysis; if possible a mechanical divider should be used to obtain the desired quantity.

*How to Send Samples.* After the samples have been drawn they should be analyzed. If they are to be sent away for the tests, follow these directions. Samples should be sent in strong manilla seed envelopes, preferably 4 by 6 inches in size, or cotton bags. Bottles, cardboard boxes, thin envelopes and paper bags are liable to get broken in the mail. Each sample must have a label showing the name and address of sender and kind of seed, and must state whether purity test, or germination test, or both are wanted. This information should be plainly written on the envelope or on a card placed inside the container with the seed.

*Analysis.* It takes from one to three hours to make a purity test of most seeds. Samples are analyzed in the order in which they are received and reports are made as promptly as the work permits. The time required for germination tests of field seeds is indicated below.

|                                             |         |
|---------------------------------------------|---------|
| Bluegrass                                   | 28 days |
| Fescue, Bermuda grass, bent grass           | 21 days |
| Tobacco, orchard grass, lespedeza, ryegrass | 14 days |
| Cowpeas, redtop, oatgrass                   | 10 days |
| Soybeans, field peas                        | 8 days  |
| Most other field seeds                      | 6 days  |

*Tagging.* After samples have been analyzed, purity and germination reports are made. With these reports and information already in possession of the seedsman, tags previously obtained in blank from the Director of the Experiment Station must be filled in carefully on both sides by the vendor or dealer. They may be printed or typed or written legibly in longhand with ink. Each bag should carry a tag giving required information. The poundage in the bag should be completely covered by the poundage on the tag, i. e., a hundred pound bag should carry a hundred pound tag. The front of the tag is made to show, among other things, the percent of purity, percent of germination, date of germination, hard seed, and place where grown. The reverse side of the label bears a list of noxious weed seeds with blank spaces in which must be shown the number of each of these seeds per ounce in the lot of seed to which it is attached. There is a space at the bottom on which must be shown the approximate total percentage of weed seed.

*Official Forms of Label.* The official seed labels are made in three forms: Form "A" is manilla. It is to be used on unmixed alfalfas, clovers and grasses. Form "B" is yellow. It is to be used on cereal, seed potatoes, garden and truck-crop seed. Form "C" is blue. It is to be used only for seed mixtures.

*Denominations.* Each form of label is issued in 25-, 50-, 75-, and 100-pound denominations. The law makes no provision for labels below the 25-pound denomination, therefore each package of seed from one to 25 pounds should carry a 25-pound tag.

*Cost of Labels.* The law fixed the price of labels as follows: Forms "A" (for grasses and clovers) and "C" (for mixtures), white and blue, respectively, will be furnished at the rate of eight (8c) cents for each 100-pound label, six (6c) cents for each 75-pound label, four (4c) cents for each 50-pound label, and two (2c) cents for each 25-pound label. Form "B", the yellow label (for cereals, seed potatoes and truck-crop seed), will be furnished at the rate of four (4c) cents for each 100-

pound label, three (3c) for each 75-pound label, two (2c) cents for each 50-pound label and one (1c) cent for each 25-pound label.

*Purchasing Official Labels.* All official seed labels must be obtained from the Director of the Kentucky Agricultural Experiment Station, Lexington, Kentucky. Dealers should anticipate their needs by getting the proper labels to be used on their seed packages in advance of sales. An order must be for not less than \$2.00 worth of labels. It is illegal to sell seeds without the official label or to counterfeit the official label or to use a counterfeit in lieu of the official label, or to use the same label a second time.

*Submission of Samples for Analysis.* Any individual, resident in the State of Kentucky may submit not more than eight (8) samples of personally owned seed for free analysis during a calendar year, and not more than two (2) such samples in any calendar month. Also any firm or corporation resident in the State may submit samples subject to the same conditions as mentioned for the individual. A fee will be charged for each sample submitted in excess of this number. A list of prices will be furnished upon application.

Tests made for non-residents will be charged as follows:

Purity test of any sample of seed.....each, \$3.00  
Germination test of any sample.....each, \$1.00

Fees should accompany the sample or samples. Final reports will not be rendered until the fee is paid.

The Kentucky Seed Laboratory will be guided by the recommendations of the Association of Official Seed Analysts of North America in making purity and germination tests.