

APPLICATION OF THE SEED CONTROL ACT.

Section Seven of the Act requires that timothy, red clover, alfalfa and alsike seed, when sold for seedling be graded and the grade name, Extra No. 1, No. 1, No. 2, or No. 3, marked in a plain and indelible manner on each bag or on a label attached thereto. A farmer is not required to mark the grade on seed that is grown, sold and delivered on his own premises for seedling by the purchaser himself, but he cannot legally sell in this way any seed which is below the standard grade No. 3.

The Maximum Number of Weed Seeds per ounce permitted in the different grades of timothy, red clover, alfalfa and alsike is as follows:—

Kind of Seed.	Extra No. 1.		No. 1.		No. 2.		No. 3.	
	Weed Seeds per Ounce.		Weed Seeds per Ounce.		Weed Seeds per Ounce.		Weed Seeds per Ounce.	
	Noxious.	Total.	Noxious.	Total.	Noxious.	Total.	Noxious.	Total.
Timothy, Red Clover and Alfalfa.....	0	30	5	100	20	200	80	400
Alsike.....	0	30	10	100	40	200	160	400

Rejected Seed. Section 9 of the Act forbids the sale for seedling purposes of timothy, red clover, alsike, or alfalfa seed containing more weed seeds than are allowed in grade No. 3. Such seed is graded "Rejected" and may not be legally sold except to seed merchants for the purpose of being recleaned. This applies to farmers as well as to dealers. Any one selling rejected seed except for recleaning is guilty of a violation of the Act and is liable to prosecution.

Noxious Weeds. The species of farm weeds which are for the purpose of this Act included within the meaning of the term "noxious weeds" are as follows:—

Wild Oats (*Avena fatua* L.), Common Darnel (*Lolium temulentum* L.) Docks (*Rumex* species), Purple Cockle (*Agrostemma Githago* L.), Campions, including White Cockle (*Lychnis alba* Mill). Night-flowering Catchfly (*Silene noctiflora* L.) and Bladder Campion (*Silene latifolia* Mill) Britten & Rendle), Cow Cockle (*Saponaria Vaccaria* L.), Stinkweed (*Thlaspi arvense* L.) False Flax (*Camelina* species), Ball Mustard (*Neslie paniculata* (L.) Wild Radish (*Raphanus Raphanistrum* L.), Wild Mustard (*Brassica arvensis* (L.) and other wild Brassica species, Hare's-ear Mustard (*Conringia officinalis* (L.) Dumort), Tumbling Mustard (*Sisymbrium altissimum* L.), Wild Carrot (*Daucus Carota* L.), Field Bindweed (*Convolvulus arvensis* L.) Dodder (*Cuscuta* species) in alfalfa seed, Blue Bur or Stickseed (*Lappula echinata* Gilibert), Blue-weed (*Echium vulgare* L.) Ribgrass (*Plantago lanceolata* L.), Ragweeds (*Ambrosia* species), Ox-eye Daisy (*Chrysanthemum Leucanthemum* L.), Canada Thistle (*Cirsium arvense* (L.) Scop.), Chicory (*Cichorium Intybus* L.), Sow Thistle (*Sonchus* species).

Germination Requirements. Section 10 requires that when seed will not germinate in the proportion of $\frac{1}{3}$ of the percentage standard for good seed of the kind, the bags containing it or labels securely attached to them must be marked with the percentage of seeds that are capable of germination. The percentage standard of vitality for good seed in the case of clovers is 95 per cent.