

CROWNVETCH STANDARDS

I. Application and Amplification of General Certification Standards

The General Seed Certification Standards, as adopted by the Colorado Seed Growers Association, are basic, and together with the following specific standards, constitute the standards for certification of Crownvetch.

II. Land Requirements

- A. A crop of the same kind must not have been grown or planted on the land for 5, 3 and 2 years prior to stand establishment for producing the Foundation, Registered and Certified seed classes, respectively.
- B. The land must be free of volunteer plants of Crownvetch during the year immediately prior to establishment; and no manure or other contaminating material shall be applied the year previous to seeding or during the establishment and productive life of the stand.

III. Field Standards

A. General

1. Isolation

Minimum distance from a different variety or a non-certified crop of the same kind shall be:

Class	Isolation in feet*	
	Fields of less than 5 acres	Fields of more than 5 acres
Foundation	900	600
Registered	450	300
Certified	330	165

* The isolation distance between classes of the same variety may be reduced to 10 feet, regardless of class or size of field.

- 2. Volunteer plants may be the cause for rejection or reclassification of a seed field.

B. Specific

	Maximum other varieties permitted		
	Ratio of plants		
	Foundation	Registered	Certified
Other varieties	1:1000	1:400	1:100

IV. Seed Standards

Factor	Standards for each class		
	Foundation	Registered	Certified
	%	%	%
Pure seed (minimum)	95.00	95.00	95.00
Inert matter (maximum)	5.00	5.00	5.00
Weed seed (maximum)	0.10	0.20	0.50

IV. Seed Standards (continued)

Factor	Standards for each class		
	Foundation %	Registered %	Certified %
Objectionable or noxious weed seeds (maximum)*			
Total other crop seeds (maximum)	0.20	0.35	2.00
Other varieties (maximum)	0.10	0.25	1.00
Other kinds (maximum)**	0.10	0.10	1.00
Germination and hard seed (minimum)	65.00	65.00	65.00
Germinable seed (minimum)	35.00	35.00	35.00

* Objectionable and/or noxious weed seeds shall include the following: Bracted plantain (*Plantago aristata*); buckhorn plantain (*Plantago lanceolata*); docks: curly (*Rumex crispus*), bitter (*R. obtusifolius*), green (*R. conglomeratus*), smooth (*R. altissimus*); wild carrot (*Daucus carota*); sorrel (*Rumex acetosella*); and such weeds as may be designated by the certifying agency; and shall not exceed 27, 45 and 90 per pound in Foundation, Registered and Certified classes, respectively.

Crownvetch seed shall be free of seeds of the following weeds: Bedstraw (*Galium spp.*), bindweed (*Convolvulus arvensis*), Canada thistle (*Cirsium arvense*), dodder (*Cuscuta spp.*), dogbane (*Apocynum cannabinum*), horsenettle (*Solanum carolinense*), leafy spurge (*Euphorbia esula*), pennycress (*Thlaspi arvense*), perennial sowthistle (*Sonchus arvensis*), Russian knapweed (*Centaurea repens*), and whitetop (*Cardaria draba*, *Cardaria pubescens*), and quackgrass (*Elytrigia repens*).

** Sweet clover seed shall not exceed None per pound for Foundation seed; 27 per pound for Registered seed; and 90 per pound for Certified seed.