

# Noxious Weed Seeds

in INDIANA



Weed seed in seed lots has been a problem since the early 1900s. To reduce the spread of weeds through contaminated seed lots, noxious weed laws were put in place to regulate the cleanliness of seed lots in commerce.

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Indiana enacted its first seed law in 1921. The purpose, then and now, is to protect consumer's purchases of agricultural and vegetable seeds by assuring truth-in-labeling. The seed section of the Office of Indiana State Chemist & Seed Commissioner (OISC) is responsible for administering and enforcing the Indiana Seed Law, IC 15-15-1, through product inspection, sampling and testing.

OISC is a member of the Association of American Seed Control Officials (AASCO) and the Association of Official Seed Analysts (AOSA), working to promote uniformity in state and federal seed legislation.

There are two kinds of "noxious" weeds - Prohibited and Restricted. Prohibited noxious weed seeds cannot be sold or distributed in any seed in Indiana. Restricted noxious seed can be in the seed up to 0.25% by weight. Restricted noxious weed seeds are considered very objectionable in fields, lawns, and gardens but can be controlled by good cultural practices.



**PURDUE UNIVERSITY**








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We hope that Indiana Seed Permit holders, farmers and others will find this brochure helpful.

# 360 IAC 1-1-5 Regulations for Noxious Weed Seeds - PROHIBITED

Field Bindweed (P)	Wild Garlic (P)	Johnsongrass (P)	Wild Onion (P)	Quackgrass (P)	Perennial Sowthistle (P)	Canada Thistle (P)
<i>(Convolvulus arvensis)</i>	<i>(Allium vineale)</i>	<i>(Sorghum halepense)</i>	<i>(Allium Canadense)</i>	<i>(Elymus repens)</i>	<i>(Sonchus arvensis)</i>	<i>(Cirsium arvense)</i>
						
Length (in mm) 3.5	Length (in mm) 6	Length (in mm) 3 min 4 max	Length (in mm) 7	Length (in mm) 8	Length (in mm) 2 min 2.8 max	Length (in mm) 3
Width (in mm) 2.5	Width (in mm) 2.5	Width (in mm) 1.5 min 2 max	Width (in mm) 4.5	Width (in mm) 1.5	Width (in mm) 0.8 min 1.4 max	Width (in mm) 1
Thickness 2.5	Thickness 2.5	Thickness 0.8 min 1 max	Thickness 4.5	Thickness 1	Thickness 0.4 min 0.6 max	Thickness 1

# 360 IAC 1-1-6 Regulations for Noxious Weed Seeds - RESTRICTED

Palmer Amaranth (R) Waterhemp and any pigweed, or Amaranth (R)	Cocklebur (R)	Corncockle (R)	Ox-eye Daisy (R)	Curly Dock (R)	Dodder (R)	Giant Foxtail (R)
<i>(Amaranthus spp.)</i>	<i>(Xanthium strumarium)</i>	<i>(Agrostemma githago)</i>	<i>(Leucanthemum vulgare)</i>	<i>(Rumex crispus)</i>	<i>(Cuscuta spp.)</i>	<i>(Setaria faberi)</i>
						
Length (in mm) 1	Length (in mm) 13	Length (in mm) 3 mm	Length (in mm) 1.5 min 3.5 max	Length (in mm) 2 min 2.5 max	Length (in mm) 1 min	Length (in mm) 2.5 min 3 max
Width (in mm) 1	Width (in mm) 5	Width (in mm) 3 mm	Length (in mm) 0.5 min 1 max	Width (in mm) 1.5 min 1.8 max	Width (in mm) 0.8 min	Width (in mm) 1.5 min 2 max
Thickness 0.5	Thickness 5	Thickness not available	Thickness 0.5 min 1 max	Thickness 1.5 min 1.8 max	Thickness 0.8 min	Thickness 1.3 min 1.5 max

Carolina Horsenettle (R)	Wild Mustard (R)	Eastern Black Nightshade (R)	Field Pennycress (R)	Field Peppergrass (R)	Buckhorn Plantain (R)	Bitter Wintercress (R)
<i>(Solanum carolinense)</i>	<i>(Sinapis arvensis)</i>	<i>(Solanum emulans)</i>	<i>(Thlaspi arvense)</i>	<i>(Lepidium campestre)</i>	<i>(Plantago lanceolata)</i>	<i>(Barbarea vulgaris)</i>
						
Length (in mm) 2 min 3 max	Length (in mm) 1.5 min 1.7 max	Length (in mm) 1.5 min 1.8 max	Length (in mm) 1.8 min 2 max	Length (in mm) 2.5	Length (in mm) 2 min 2.3 max	Length (in mm) 1.5
Width (in mm) 1.5 min 2 max	Width (in mm) 1.5 min 1.7 max	Width (in mm) 1 min 1.2 max	Width (in mm) 1 min 2 max	Width (in mm) 1.5	Width (in mm) 1 min 1.2 max	Width (in mm) 1
Thickness 0.4 min 0.6 max	Thickness 1.5 min 1.7 max	Thickness 0.4 min 0.6 max	Thickness 0.4 min 0.6 max	Thickness 1.5	Thickness 0.4 min 0.5 max	Thickness 0.75