

To: Vermont Agricultural Innovation Board  
From: Vermont Agency of Agriculture, Food and Markets  
Subject: Treated and Untreated Seed  
Date: 1/23/23

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Registered distributors of agricultural seed must report to the Agency by February 15 the quantity of untreated and treated agricultural seed sold in Vermont.

“For agricultural seeds sold in Vermont, the manufacturer or processor distributing the seed in Vermont shall report annually on or before February 15 to the Secretary on forms supplied by the Secretary regarding the quantity of treated article seed and the quantity of untreated seed sold in Vermont during the previous calendar year.” 6 V.S.A. § 648 (h).

The Agency attempted to collect seed sale information ahead of that schedule from distributors that reported tonnage in 2021, including information about treatments applied to seeds. Tonnage reporting is required of those distributors that sold seeds “in containers of more than ten pounds.” There were 48 distributors that fall into this category.

The Agency took the following actions to gather this information.

- Those reporting tonnage received a copy of the treated seed reporting form via email on 12/28/22.
  - The treated and untreated seed report form was updated with a column that allows the distributor to indicate the treatment.
  - Prior to this year the Agency did not ask for information regarding applied seed treatments.
- Agency staff called registered distributor’s listed contact to inquire about the kinds of seeds and active ingredients used in treatment.
  - In some instances, listed contacts did not readily have access to the treatment information. Some noted reporting forms were in the process of being filed and no tallies or information was ready at that time.

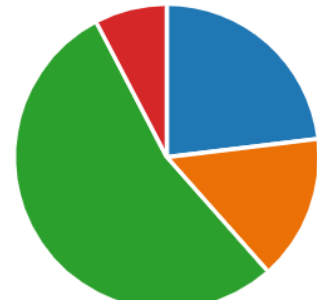


Results as of 1/20/23

Of the 48 distributors reporting tonnage, the Agency received 13 responses. About eight distributors appear to be business entities registering under a parent company. An approx. 30% return rate:

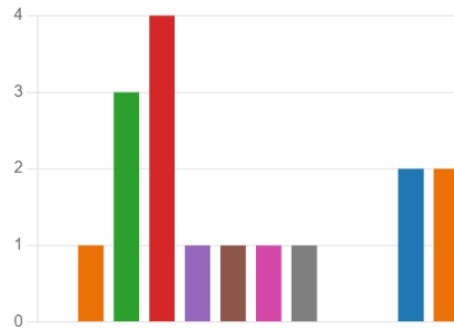
Do you sell treated seed, untreated seed, or both?

<span style="color: blue;">●</span> Untreated seeds	3
<span style="color: orange;">●</span> Treated seeds	2
<span style="color: green;">●</span> Both untreated and treated seed	7
<span style="color: red;">●</span> I did not sell seed in Vermont	1

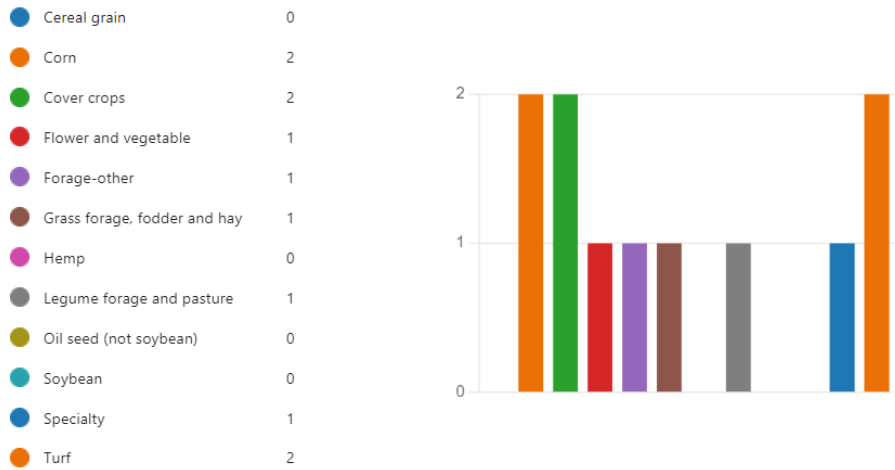


Kinds of untreated seed

<span style="color: blue;">●</span> Cereal grain	0
<span style="color: orange;">●</span> Corn	1
<span style="color: green;">●</span> Cover crops	3
<span style="color: red;">●</span> Flower and vegetable	4
<span style="color: purple;">●</span> Forage-other	1
<span style="color: brown;">●</span> Grass forage, fodder and hay	1
<span style="color: pink;">●</span> Hemp	1
<span style="color: grey;">●</span> Legume forage and pasture	1
<span style="color: olive;">●</span> Oil seed (not soybean)	0
<span style="color: teal;">●</span> Soybean	0
<span style="color: blue;">●</span> Specialty	2
<span style="color: orange;">●</span> Turf	2



### Kinds of treated seed sold in Vermont



If selling treated seeds, the volume by container:

- 1 respondent sells only seed packets/bags/containers less than ten pounds.
- 1 respondent sell seed in containers greater than ten pounds.
- 5 respondents sell seeds in containers both greater and less than ten pounds.
- 1 respondent did not sell seeds in Vermont in 2022.
- 1 respondent did not answer.

Category	Treated Sold to Dealer(lbs .)	Untreated Sold to Dealer (lbs.)	Treated Sold to Farmer (lbs.)	Untreated Sold To Farmer (Lbs)	Treatment
Cereal grain					
Corn	93	0	1157	4	<b>Insecticide -</b> Thiamethoxam-Imidacloprid-neonicotinoid, <b>Fungicide-</b> mefenoxam, fludioxonil, sedaxane, tebuconazole
Cover Crops		3000			
Flower and Vegetable		117,946			



Forage-Other	240	203			Not reported
Grass Forage, Fodder and Hay					
Hemp					
Legume Forage and Pasture	Not reported		Not reported		Rhizobia
Oil Seed -No Soybean					
Soybean	No Lbs. reported		No Lbs. reported		Rhizobia
Specialty	265	13606	227	4990	Metalaxyl
Turf	768	100			Metalaxyl

From the Agency’s [Seed Rule](#), and [Chapter 35 of Title 6](#)

- **“Treated”** means that the seed has received an application of a substance or process which substance or process is designed to reduce, control or repel certain disease organisms, insects or other pests from attacking such seeds or seedlings growing therefrom.”
  - May include fungicide, insecticides, nematicides, safeners, bio-pesticides, disinfectants, bio-stimulants, growth regulators, micronutrients, inoculants.
- **“Distributor”** means a person who purchases, repackages and sells seeds.
- **“Agricultural seed”** includes grass, forage, cereal, oil, fiber, and other kinds of crop seeds commonly recognized as agricultural seeds, lawn seeds, and combinations of such seeds, and may include noxious weed seeds used as agricultural seed.
- **"Flower Seed"** includes seed of herbaceous plants grown for their blooms, ornamental foliage or other ornamental parts and commonly known and sold under the name of flower seed or wildflower seed.
- **"Inoculant"** means the organism, bacteria or virus that is deliberately mixed with seed.
- **“Vegetable seeds”** include the seeds of those crops which are grown in gardens and on truck farms and are generally known and sold under the name of vegetable or herb seeds in this State.

