

DEPARTMENT OF AGRICULTURE

contained twelve and ten seeds respectively of Charlock or Wild Mustard in the ten gram samples (about one-third of an ounce) that were analyzed.

The following table gives the common and scientific names of weed seeds that were found in the samples on which a summary of the results of the analysis is given in the preceding tables. It also shows the per cent of the samples of each of Timothy, Alsike and Red Clover in which seeds of the weeds named occurred.

NAME OF WEED.		PERCENT OF SAMPLES IN WHICH SEEDS OF WEEDS NAMED WERE FOUND.		
Common.	Scientific.	Timothy.	Alsike.	Red Clover.
Black Medick.	<i>Medicago lupulina</i> , L.		23.3	4.9
Curled Dock.	<i>Rumex crispus</i> , L.	41.3	33.3	54.3
Canada Thistle.	<i>Cirsium arvense</i> , Hoffm.	18.5	31.4	23.8
Charlock or Wild Mustard.	<i>Brassica Strupastroides</i> , Boiss.		1.1	7.0
Chicory.	<i>Cichorium Intybus</i> , L.	3.3	2.2	0.6
Cinquefoil.	<i>Patentilla Norvegica</i> , L.	60.3	17.8	1.8
Catnip.	<i>Nepeta Cataria</i>	7.3	28.9	19.5
Ergot.	<i>Claviceps purpurea</i> , Tul.	4.6		
False Flax.	<i>Camelina sativa</i> , Crantz.	13.2	63.3	3.7
Green Foxtail.	<i>Setaria viridis</i> , Beauv.	9.3	40.0	94.5
Lady's-thumb.	<i>Polygonum Persicaria</i> , L.	1.3		62.2
Lamb's-quarters.	<i>Chenopodium album</i> , L.	12.0	72.2	73.8
Mayweed.	<i>Anthriscus cuba</i> , DC.	23.8	43.3	31.1
Ox-eye Daisy.	<i>Chrysanthemum Leucanthemum</i> , L.	6.0	5.6	0.6
Perennial Sow-Thistle.	<i>Sanchus arvensis</i> , L.	0.7		
Pigweed.	<i>Amaranthus retrofractus</i> , L.	7.9	14.4	36.0
Plantain.	<i>Plantago major</i> , L.	34.4	22.2	22.7
Peppergrass.	<i>Lepidium Virginicum</i> , L.	38.1	34.4	1.2
Ragweed.	<i>Ambrosia artemisiifolia</i> , L.			1.2
Rubgrass.	<i>Plantago lanceolata</i> , L.	1.0	20.0	62.2
Shepherd's purse.	<i>Capsella Bursa-pastoris</i> , Moench.	6.6	14.4	
Sheep Sorrel.	<i>Rumex Acetosella</i> , L.	10.0	90.0	52.4
* White-Charlock.	<i>Lochnera oxypetala</i> , Sibth.	13.9	76.7	50.1
Wormseed Mustard.	<i>Erysimum cheiranthoides</i> , L.	7.0	14.4	4.2
Yellow Foxtail.	<i>Setaria pinnata</i> , Beauv.	6.0		11.0

* White-Charlock, as a common name is also frequently applied to *Silene multiflora*, L. The two plants are quite similar and the seeds from them are almost identical.