

Chemical Use on Cucumbers and Squash

CUCUMBERS, FRESH: AGRICULTURAL CHEMICAL APPLICATION, NEW JERSEY, 2006 1/

Active Ingredient	Area Applied	Applications	Rate Per Application	Rate Per Crop Year	Total Applied
	<i>Percent</i>	<i>Number</i>	<i>Pounds per Acre</i>		<i>1,000 lbs.</i>
Herbicides					
Bensulide	15	1.0	1.796	1.796	0.9
Clomazone	34	1.1	0.111	0.122	0.1
Ethalfuralin	24	1.0	0.178	0.179	0.1
Insecticides					
Carbaryl	2	3.4	1.029	3.483	0.3
Endosulfan	18	2.5	0.848	2.123	1.3
Esfenvalerate	3	1.3	0.040	0.053	2/
Methomyl	67	2.0	0.399	0.802	1.8
Fungicides					
Chlorothalonil	87	1.7	1.294	2.201	6.4
Copper hydroxide	85	2.1	0.434	0.919	2.6
Maneb	56	1.5	1.145	1.727	3.2
Propamocarb hydroch.	52	1.1	0.574	0.657	1.1

1/ Planted acreage in 2006 for New Jersey was 3,300 acres.

2/ Total applied is less than 50 lbs.

SQUASH: AGRICULTURAL CHEMICAL APPLICATIONS, NEW JERSEY, 2006 1/

Active Ingredient	Area Applied	Applications	Rate Per Application	Rate Per Crop Year	Total Applied
	<i>Percent</i>	<i>Number</i>	<i>Pounds per Acre</i>		<i>1,000 lbs.</i>
Herbicides					
Bensulide	4	1.0	2.666	2.666	0.3
Clomazone	32	1.2	0.139	0.164	0.2
Ethalfuralin	25	1.0	0.357	0.357	0.3
Insecticides					
Carbaryl	29	5.0	0.591	2.934	2.4
Endosulfan	25	2.7	0.612	1.667	1.2
Esfenvalerate	7	1.7	0.033	0.058	2/
Methomyl	5	1.9	0.427	0.826	0.1
Fungicides					
Chlorothalonil	73	3.5	1.827	6.453	13.7
Copper hydroxide	36	3.2	0.542	1.706	1.8
Copper resinate	5	2.4	0.069	0.163	2/
Cymoxanil	7	1.6	0.115	0.186	2/
Dimethomorph	27	2.4	0.195	0.474	0.4
Famoxadone	7	1.6	0.115	0.186	2/
Mancozeb	4	1.2	1.395	1.708	0.2
Maneb	10	2.5	1.367	3.470	1.0
Mefenoxam	21	2.0	0.207	0.409	0.3
Myclobutanil	10	2.1	0.100	0.208	0.1

1/ Planted acreage in 2006 for New Jersey was 2,900 acres.

2/ Total applied is less than 50 lbs.