GUIDE FOR CONTROLLING
VEGETABLE INSECTS

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Directions for Diluting and Mixing Dusts and Sprays

**Pyrethrum Dusts**

Pyrethrum dusts are made by diluting pyrethrum powder so that the dust contains not less than 0.75% of pyrethrum. 

*Note:* Dilution must be just sufficient to give fine dust. In Sweden, they are used in the form of a fine powder, 0.75% to 1% pyrethrum dust. A concentration of 1% to 2% is used in the United States. 

**Pyrethrum Dusts**

- Dusts are not recommended for use on apple, pear, peach, plum, or apricot trees, because of danger to human health. Rotenone is to be preferred.
- B. To prevent beetles from cupping the dust, some plants may be pulled up to expose the roots and young plants well covered until danger of damage is past.
- B. Use rotenone dusts in late spring for control of springworms, which may sometimes injure young leaves and roots of plants. 
- B. When red spider appears or when other pests are present, use a dust, 3% to 5%, of rotenone powder, 1 lb. to 4 cu. ft. of soil. 
- B. Lead arsenate, calcium arsenate, arsenious oxide, or arsenious acid is to be used in the ratio of 1 to 8 parts of dust per 100 lb. of soil, or 1:4 or 1:10 parts of dust per 100 lb. of soil.
- B. Morten arsenate, 1 lb. to 4 cu. ft. of soil, or 1:4 parts of dust per 100 lb. of soil. 
- B. Insecticidal soap is also to be used in the ratio of 1:10 parts of dust per 100 lb. of soil.
- B. Insecticidal soaps may be used as a dust, 1% to 2% of rotenone powder, 1 lb. to 4 cu. ft. of soil, or 1:4 parts of dust per 100 lb. of soil. 
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