

## Are You Building this Spring

If so—get our prices for your cement foundation, floors, walks, septic tanks, etc.

Also the plastering of your new house or repairs to your old one.

All work guaranteed and prices the lowest

**A. J. THOMAS**

Cement and Plaster Contractor

Phone 193

Waterdown

## Just Arrived

a Shipment of

## Men's Raincoats

Also a New Stock of

**Men's and Women's Oxfords**  
in White, Chocolate and Black at prices  
lower than city prices

**O. B. Griffin, Waterdown**

John Kitching Mervyn Kitching

## Kitching & Son

FUNERAL  
DIRECTORS

Up to Date Equipment  
Motor or Horse Hearse  
We Pay All Telephone charges  
Waterdown Ontario

Westover Branch at  
Markie's Store

## R. J. VANCE

DENTIST

Mill Street Waterdown

## Peter Mitchell

Painting and Paper Hanging

Dealer in

**Wall Paper, Varnishes  
and Shellac**

Phone 198

WATERDOWN,

ONTARIO

## A VERY USEFUL SPRAY

Lime Sulphur With Arsenicals for  
the Orchard.

A Combined Fungicide and Insecticide—Get the Right Arsenate of Lead — Stomach Worm Loss Preventable.

(Contributed by Ontario Department of Agriculture, Toronto.)

The time is again at hand for laying plans for the summer care of the orchard and garden and nothing that can be done will be found to give better paying returns than the careful control of insect and fungus attacks. It has been computed by reliable authorities that an annual toll of 10 per cent. is taken by the inroads of these enemies of the farmer on his various crops and that this loss increases many fold where proper precautions are not taken. In extreme cases complete destruction of some crop has sometimes been known to occur through failure to give care, or through neglect of the right steps at the right time.

In this connection it will be found that there is nothing that can be done that will give more satisfactory returns on the investment than a small outlay in money and time on spraying and dusting. But it must be done intelligently or time and money will be squandered; and the leading essential here is the choice of the proper remedy and the correct compounding and applying of it.

One of the most outstanding and effective remedies in use to-day is the lime-sulphur solution mixed with an arsenical. This combination gives a combined insecticide and fungicide effect, a team play which is very frequently required during the growing season, insects and fungi often giving trouble at the same time on the same plant. The advantage of mixing the two and applying them together is obvious — the cost of application is exactly one-half what it would be had they to be separately applied.

But care in making this combined spray must be exercised. Some arsenicals cannot be mixed with lime-sulphur. Paris green, long the most popular bug exterminator, and still extensively used where quick results are desired, will destroy fully 35 per cent. of the efficiency of the lime-sulphur wash if mixed with it, and what is far worse, this mixture will badly damage leaves and other tender parts of plants. It follows, therefore, that Paris green, though a powerful poison insecticide, cannot be used along with lime sulphur wash as a combined spray. On the other hand arsenate of lead has given decided satisfaction in this respect and it is quite probable that the newer arsenical, calcium arsenate, is also suitable to combine with lime-sulphur.

But the chief purpose of this article is to draw attention to the hitherto little recognized fact in connection with the use of arsenate of lead along with lime-sulphur that there are two kinds of arsenate of lead, chemically, one of which is more fitted for combining with lime-sulphur than is the other. Acid arsenate of lead destroys nearly 30 per cent. of the efficiency of the lime-sulphur, whereas neutral arsenate of lead, the other kind, only destroys 9 per cent. In other respects, these two forms of the lead arsenate are equally useful to combine with lime-sulphur solution to get a dual purpose spray. If, however, when using the acid arsenate of lead, 3 1/2 pounds of finely sifted, and fresh hydrated lime be mixed into the lime-sulphur solution along with every 1 pound of the arsenate used (which is usually 1 pound to every 40 gallons of the lime-sulphur solution) the destruction of the efficiency of the lime-sulphur is reduced to 8 per cent. (practically the same as the neutral). If this practice be followed when the acid variety of the arsenate is being used it does not matter which of the two forms of this arsenical is used in making lime-sulphur arsenate spray, as equally satisfactory results are obtained with either.

This precaution in connection with combining lime-sulphur and lead arsenate becomes especially important in view of the fact that practically all the lead arsenate now put on the market is of the acid variety. It is therefore recommended that whenever using arsenate of lead and lime-sulphur as a combined spray, unless the kind of arsenate is known to be neutral, the practice of using hydrated lime along with it be always followed.—H. L. Fulmer, O. A. College, Guelph.

### Mullein.

Mullein, under the name of verbascum, is used medicinally in leaf and blossom. The leaves are thought to have anodyne, or pain-killing properties, and also yield a soothing oily substance. In Europe, an infusion of the flowers, strained to take out fibrous substance, is given in catarrhal troubles; and a mild oil, like olive oil, when saturated with mullein flowers, is used to allay inflammations of the mucous membrane. The dry leaves, smoked, are said to soothe irritated membranes.

# EAGER'S WATERDOWN

## CORSETS

We carry a stock of the well known D & A Corsets in a variety of styles and qualities from

**\$1.50 to \$5**

Women's white boot Hose. A good wearing quality

**50c to 85c**

Women's Art Silk Hosiery, white

**\$1**

Women's white silk Stockings. A fine quality hose.

**\$1.75 and \$2**

Women's white canvas tie shoes, rubber sole, new shape and style, comfortable and easy for the summer.

**\$3.35 a pair**

Women's Black Cotton Hose, full fashioned, good color, sizes 8 1/2 and 9

**25c a pair**

Men's Silk Neckwear. A big assortment of colors. Regular \$1.25.

**Special at 75c**

## Men's Furnishings

Men's Bathing Suits, navy blue, red white or yellow trimmed.

**\$1.50 each**

Boy's Navy Blue Bathing Suits, all sizes

**75c each**

Men's Sport Shirts, low collars, different styles. The hot weather shirt.

**\$2 and \$2.50**

Men's Porus Knit Underwear, knee length, no sleeve. A cool summer garment.

**\$1.75 each**

We always have Fresh Groceries of the highest grade and at prices as low or lower than city prices.