

**SPRAYING NOTES**

(Experimental Farms Note.)

With the prospect of the new Fruit Marks Act regulations coming into effect this season the question of finish and quality in fruit is one which should more than ever attract the attention of growers. The new regulations which are much more specific in their statement of what constitutes blemishes for the higher grades than the act now in force, make it extremely desirable that the sprays to be used should be carefully selected.

The wholesale use of Bordeaux mixture, accompanied as it generally is by lack of finish and often by an actual russetting of the fruit, should be practised with extreme caution. Russetting may now be responsible for as high a percentage of loss in the highest grade (extra fancy) as a moderate infestation of scab. Whereas Bordeaux is responsible for much russetting to the fruit, it is likewise admitted that lime sulphur is capable of actually improving the finish of the product and is in addition an efficient fungicide.

As the russetting is naturally caused by those sprays given after the bloom has fallen, the use of Bordeaux previous to that stage may be advocated where deemed advisable. Undoubtedly the old 4-4-40 Bordeaux is the greater sinner in respect to russet injury than the newer recommendations of 3-10-40, 4-8-40, etc., and the later formulae should be used in preference to the older one. Taking into consideration control of scab, finish of fruit and quality; in short, the pack out, the following recommendations for orchard use would seem to be the most commendable:

- 1st spray—either Bordeaux or lime sulphur
- 2nd spray—either Bordeaux or lime sulphur
- 3rd spray—lime sulphur
- 4th spray—lime sulphur

The absolute necessity of applying three or more sprays should be understood. Trees not sprayed, or poorly sprayed, will not only produce poor quality of fruit and less of it, but, on account of foliage injury brought on by fungous diseases as well as insect pests, are in no condition to form a crop of fruit buds for the succeeding year.

In order to determine possible reduction of crop by the use of spray mixtures and actual count of some thousands of bloom was made last season at the Central Experimental Farm and the following results noted:

Where lime sulphur, specific gravity .007, was used 17.4% of the blooms set fruit. Where Bordeaux 3-10-40 formula was used, 17.7% of the blooms set fruit. There was practically no difference in the set of the two plots due to the spray used.

These results do not indicate a loss due to the use of lime sulphur as a spray for orchard use in the Province of Ontario.

**Calcium Arsenate for Potatoes**  
With the advent of calcium arsenate as an insecticide it should, on account of its cheapness and insecticidal properties, displace the use of Paris green on potatoes, which is always liable to be attended by foliage injury. For the control of fungous diseases of potatoes Bordeaux mixture of the 4-4-40 formula is to be highly commended. Lime sulphur should be avoided. As an insecticide, to be combined with the Bordeaux, use one to one and one-half pounds dry arsenate of lime to every forty gallons of the spray mixture. This combination has proved on the Experi-

**WOLFVILLE BOY MAKING GOOD**

Rev. Guy Bleakney's Splendid Results in New York Church

The following extract taken from the "Post-Star", of Glens Falls, N. Y., under date of April 10th, will be read with interest by Rev. Mr. Bleakney's many Wolfville friends:

The Rev. G. G. Bleakney, of Boston, Mass., yesterday finished his work as supply for the Baptist church of Hudson Falls. It will be remembered that Mr. Bleakney was with the church the first Sunday of February and the members of the pulpit committee were fortunate in again securing him as a supply for an indefinite period knowing that under no condition would he accept a call to the pastorate. He came to the church highly recommended as the following letter from Dr. C. H. Watson of the Massachusetts Baptist State Convention to the pulpit committee of the church shows:

"I have your inquiry about Rev. Guy Bleakney, and would simply say that in my opinion he is about all one could hope to get in a pastor. He is young, yet with experience; a veritable dynamo of industry and energy. He is full trained and keeps training. He has a very conscientious conception of his calling, and wants a field that affords hard work and an opportunity that is worth putting your life into. The trouble is, I much doubt if you can get him. He will not let you call him if he is not convinced the field is such an opportunity as he seeks. He is an unusually promising man. I hope you may succeed."

His work in this church has proved him worthy of this recommendation. There has been a steadily increasing attendance at the Sunday services and the prayer meetings have shown a growth in numbers and responsiveness beyond that of several years. His ability as a preacher is of a high order and his subject matter, taken from the life of Christ, has proved very helpful to all who heard him and has done much to soften the bitterness of spirit among the people. His personality and friendliness have won him a place in the hearts of the people and his presence here has helped very much in this time of perplexity. As a result of his six weeks' work in the church he had the privilege last evening of leading a class into baptism.

The pulpit committee of the church wishes thus publically to acknowledge his splendid work among us and to thank him for his willingness to step into a difficult situation, sacrificing his own plans to help this church. The people will long remember with pleasure his brief stay among us.

RUTH M. TEFFT,  
Secretary of the Pulpit Committee.

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**CHOICE RECIPES**

**SOUR CREAM DRESSING.**—Mix 1 1/2 cup thick sour cream with 1/2 teaspoon salt, 2 tablespoons mild white vinegar, a few grains paprika and a pinch of white pepper. Serve with cabbage salad.

**CABBAGE SALAD.**—Finely chop a small hard, white head of cabbage which has been thoroughly chilled in ice water and then drained. Add 1 tablespoon minced green or red sweet peppers and 1 tablespoon chopped parsley. Serve with Russian or sour cream dressing.

**CARAMEL APPLES.**—Core and pare 8 large apples. Place in an earthen baking dish and cover with 1 1/2 cups sugar and 1 cup cold water. Bake until well done, but keep whole. Remove apples and place in a dish. There should be one cup of juice left. If not add water to make it. Into this stir 1 teaspoon granulated gelatine. Pour over apples and set away to cool. Make a caramel sauce of 1 cup brown sugar, 1/2 cup chopped walnuts, 1/2 cup heavy cream. Mix together and boil a few minutes, and when cold and ready to serve pour into apples where core was removed and around them. Garnish with whipped cream and walnuts.

**BAKED STUFFED HADDOCK.**—One haddock weighing about 2 or 2 1/2 pounds, 1 quart soaked stale bread, 1 can tomatoes, 1 red pepper, 2 or 3 medium sized onions, a little sage dressing. Bone haddock and skin if possible. Do not cut it up, but split it down the centre. Chop one onion and one-half of pepper as fine as possible, and mix with soaked bread. Then add a little sage and two cups of tomatoes. Spread dressing on a baking pan large enough to hold the fish; then spread haddock on top, inside down. Put in hot oven for ten or fifteen minutes. In the meantime, chop remaining onions and pepper very fine and fry well. Pour over the stuffed haddock and let remain in oven until done. Use lots of salt and pepper.

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No. 99 From Halifax (Tues. Fri., Sun.) arrives 12.18 a. m.  
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