

REMEDIES.

During the past two years experiments have been in progress under guidance of the Division of Mycology, Department of Agriculture, at Washington, the Experiment Stations of Wisconsin and Michigan. Trials were made at these places with certain chemical preparations, applied in the form of a spray—in the same manner that Paris green is used to check the ravages of the codlin moth. Beneficial results were obtained by the use of several compounds, but that known as “ammoniacal solution of copper carbonate” has in nearly every instance given the most encouraging returns. Professor Goff,* of the Wisconsin Agricultural Experiment Station, obtained by the use of this fungicide, when applied to apple trees of the Fameuse variety, the following results:—

	Per cent. in Fruit, First Quality.	Per cent. in Second Quality.	Per cent. in Third Quality.
Sprayed	75.02	23.35	1.63
Unsprayed	23.34	53.89	22.71

Professor Goff used $1\frac{1}{8}$ oz. carbonate of copper, dissolved in 1 quart of ammonia, diluted with 22 gallons of water.

Professor Taft,† of the Michigan Agricultural Experiment Station, obtained results as follows, by the use of the same substance in the following proportions:—3 oz. carbonate of copper dissolved in 1 quart of ammonia and diluted with 22 gallons of water:—

	Per cent. Free from Spot.	Per cent. Slightly Spotted.	Per cent. Badly Spotted.
Sprayed	51.2	48.6	0.6
Unsprayed	12.5	85.7	1.8

These results are very striking, and are worthy of careful consideration.

*Bulletin No. 23, Wisconsin Agricultural Experiment Station.

†Bulletin 59, Michigan Agricultural Experiment Station.