## How to use Insecticides and Fungicides.

A TABLE TAKEN FROM A BULLETIN OF THE AGRICULTURAL COLLEGE OF MICHIGAN, AND ARRANGED FOR THE PROVINCE OF QUEBEC.

Farmers and all fruit growers begin to see the need of protecting their crops by the use of fungicides and insecticides. We have tried to condense, in a few words, the manner of preparing and using these remedies, under the form of a table easy of preservation and consultation.

Explanatory Notes.—Although the number of applications, here recommended, may be useful in seasons when fungous diseases, due to mildew, are more especially severe, it will often happen that a smaller number of applications will suffice

The asterisk (\*) shows that care must be taken, when sprinkling plants or trees in bloom, not to overdo it.

The dagger (†) indicates that it is dangerous to use poison on fruit, and that at least three weeks or a month must be allowed to elapse between the application and the gathering of the fruit.

TREES OR PLANTS.	ist Application.	2nd Application.	3rd Application.	4th Application.	5th Application.	6 h Application.
CHERRIES(Lice, weevils, worms, rust, smul.)	buds show, but before	use Bouillie-Bordelalse and Paris-green. •				
CABBAGE (Worms, calerpillars, lice.)	caterpillars appear. Pa-	green may be used, if the cabbage is not	netre (a dessert-spoon	resppear; against the		
STRAWBERRIES	Before vegetation begins in spring, Bouillie-Bor delaise.		Ager the fruit is formed, ammoniacal solution of copper carbonate. †		Remark.—Young beds to be treated from the 2nd and 4th applica- tions to the fruit bear- ing plants.	
RASPBERBIES AND BLACKBERBIES (Rust and Anthracnose.)	Gut the stems that are hadly enthracnosed. B - fore buds open, sprinkle with sulphate copper solution.	Bouillie-Bordelaise and Paris-green.	10 to 14 days later, a fresh dose, †	After gathering fruit, cut nway old stems, thin new stems, and sprin- kle with Bouillie-Bor- delaise if needed.	Remark.—If red-rust appear, dig up and burn the whole plant.	
CURRANTS(Hildew, caterpillars.)	As soon as caterpillars appear on the lower leaves and inside the bush, Paris-green.	treatment plus Bouillie-	Pyrethrum or Helle-	After fruiting finished, Bouillie-Bordelaise,	•	•
GOOSEBERRIES	Bouillie-Bordelaise and Paris-green, as soon as the leaves appear.		10 or 14 days after sul- phuret of potash on the English sorts. †	Same repeated 10 or 14 days after. †	If mildew persists, after fruiting over, Bouillie Bordelaise.	
TURNIPS (Insects, lice, flies.)	On young plants, mixture of Paris-green and plaster; for lice, petroleum emulsion.	•	Again, in 10 or 14 days, particularly the emul- sion.	Against grub, round roots infusion of Helebore. Pyrethrum and emul- sion of petroleum on the leaves if needed.		
PEARS (Spotted leaves, scabs, grubs, caterpillurs.)	solution of sulphate of	Bouillie - Borde'aise just before the flower, open. *	Bouillie-Bordelaise and Paris-green the week after the flowers fall.	8 to 12 days later, the same.	10 to 16 days later, Bouil- lie-Bordelaise.	Again Bouillie-Bordelais if needed, 10 to 16 day later.
POTATOES	Against scab, &c., stee; seed in solution of 2 oz corrosive sublimate & 16 gals. water for 90 minutes.	1 or 2 applications of Boutlie-Bordelaise and		Winn rust in leaves, accompanies rot in tu- bers, Bouillie-Borde- laise.	Again in 10 days il needed.	
APPLES	tion sprinkled on trees	When the buds shew, but before they burst, Bouillie-Bordelaise.	After the flowers fall, in the same week, Bouillie- Bordelaise, and Paris- green.		The same 10 or 14 days later.	10 or 14 days later, Boui lie Bordelaise. †
PLUMS Fungoid diseases, Curculio or weevils.)	Paris-green when buds	in the week the flowers full, same treatment.	10 or 12 days later repeat treatment. ◆	10 or 12 days later, Bouil- lie-Bordelaise.		the treatment if need
TOMATOES	Bouillie - Bordelaise for rust or rot.	Repeat if needed.	Repeat if needed.	Repeat if needed.		
THE VINE	Bef re buds open, sprin- kle with sulphate of iron or of copper solu- tion.	half grown, Bouillie-	When the fruit is set, repeat treatment.	Same treatment 10 or 14 days later.	10 or 14 days later, if the disease still exists, Bouillie-Bordela se.	Eau céleste, ammontace solution of carbonate e copper. †

## ANIMALS.—Applications to be made as often as needed.

CATTLE—(Horn fly)—1. Coat the horns, near the head, with grease or vaseline mixed with a little sulphur, or with a few drops of oil of tar or of carbolic acid. 2. Sprinkle the whole body of the animal with emulsion of petroleum, by means of the pulveriser. 3. Prevent the increase of the larve by knocking-about the cow dung in the pastures, &c., to hasten its drying up.

SHEEP AND HOGS-(Lice, fleas and other parasites.)—Emulsion of petroleum with the pulveriser.

DOGS AND FOWLS-(Lice fleas, and other parasites.)—Blow pyrethrum powder into the nocks and cranni s of the hen house with the insectabellows: (From the French.)