

# BIRMINGHAM

SPRAYING PRACTICE IN PLUM ORCHARD

# REAL ESTATE EXCHANGE OF WHITEHEAD & MITCHELL

No factories, no congested tenements swarming with undesirable citizens, no possible contingency whereby the value of real estate can deteriorate. No strikes, no riots, no danger of women or children being molested upon our streets, night or day.



While Running Slightly Behind the Normal in Yield on Account of Continuous Rain at Pollination Season and a Long Spell of Daylight Dry Weather, This Picture Shows a Bounteous Yield of Plums on a Long Island Farm.

(By S. A. BEACH, Iowa Experiment Station.)

**Plum Curculio.**—This insect makes a puncture in the tender young fruit in which it lays its egg. It then cuts a crescent flap around the puncture, making a characteristic wound. The egg soon hatches into a larva, commonly called "a worm," which feeds upon the fruit and often causes it to drop prematurely. Often the wormy fruit starts to rot before it drops and thus helps to spread the rot fungus to other fruits. Spray with arsenate of lead, using from 3 pounds to 4 pounds to 50 gallons just before the blossoms open and again as soon as they fall. Two weeks later spray with 3 pounds arsenate of lead to 50 gallons. Paris green might hurt the leaves if used.

When the insect is very abundant jarring may also be used. A convenient "catcher" is made of cotton sheeting stretched over a frame mounted on low wheels. One side is slit to allow the sheet to be pushed directly under the tree. The tree is then jarred and the curculio which are caught upon the sheet are swept into a box hung under the center of the sheet from whence they are later taken and destroyed. Jar-ring should begin as soon as the blossoms fall and continue from two to three weeks. Early morning is the best time to do this work.

Clean cultivation continued into

September helps to keep the curculio under control.

**Plant Lice.**—Several kinds of plant lice, or aphides, attack the plum. They work on the under side of the leaf so that it curls and often drops. They multiply very rapidly. One nursery stock they may often be found quite successfully by cutting off the infested tips promptly and destroying them or dipping in nicotine sulfate, 24, but in the orchard this is hardly practical and probably the best that can be done is to spray with nicotine sulfate or with whale oil soap, one pound to about seven gallons of water, as soon as the lice appear and before the leaves curl.

**Fruit Rot. Sclerotinia Fructigena.**—This disease causes much loss in plum growers by rotting the fruit and sometimes also by destroying the blossoms and the tender shoots in spring. It is particularly destructive in Iowa to plums of the domestic or European class, such as Lombard, or Spanish King, German, French, and Blue Damson, and also to the Japanese plums. It finds easy entrance to the fruit through punctures made by curculio or other insects. It may be partly controlled by fighting the curculio thoroughly and by spraying with this lime sulphur.

**Leaf Spot. Cythodactylum Padii.**—This is often quite injurious to the plum. The same disease attacks the cherry.

them having scaly leg and keep the skin smooth and well colored. This is a good treatment for the legs of show birds.

Summer is the time to plan for a variety of food for the hens next winter. A variety of food you know causes the hens to fill the egg case when they are high. Grow the different kinds of food for them that you can.

It is a good plan to raise sunflowers in the poultry yards. They can be quite elsewhere and then transport into the yard or can be planted in the yards if the hens can be kept out of them. Get started. Sunflowers make a fine shade for the little chicks during the hot weather; they help to keep the ground dry and pure and they do not fall there is a good supply of sunflower seeds to feed and variety to the ration of the laying hens.

Poultry manure is so strong that it will injure tender plants if allowed to lie against them. Remember this when putting the poultry droppings in the garden. Put them close around the plants but not against them and mix with the earth.

Do not think that your flock of hens is too small to bother with saving the droppings. The product from 25 hens for six months is about 375 pounds, from the Rocky mountain states. This is well worth saving to enrich the garden.

## BIRD IS FRIEND OF ORCHARDISTS

If All Members of Feathered Tribe Were Killed Land Would Be Overrun With Bugs.

In spite of the annoyance that birds cause by eating fruit from orchards, those who have made a close study of the matter say that the birds are the best friends they have. The birds were to be killed the land would soon be overrun with bugs and worms, and fruit raising would be destroyed. Not all orchardists, however, agree with this statement. An Illinois fruit grower stated at a horticultural society meeting that birds should not be protected any more. He stated that hundreds of robins, robins and thrushes every year because they destroy some of his fruit. It is stated on reliable authority that if robins are put out near cherry trees the birds will eat the berries and not molest the cherries to any considerable extent.

**Pumpkins for Hogs and Cows.** It is surprising that more pumpkins are not fed to pigs and cows which have access to the alfalfa pasture in the fall. For a brood sow and sheaves, and even for fattening hogs, a ration of pumpkins will give a good result as though they were cooked.

If cooked and some grain sprinkled over them, the hogs will eat more of them, which is the only advantage. In feeding cows the seeds should be removed if fed in considerable quantity, as they will interfere with the digestion and cause a decrease in the milk flow.

**Raising Guinea Pigs.** Guinea pigs are easy to raise and taken all in all, are the most desirable pets that there are. Even a baby can play with them without fear of being scratched. The guinea pigs should be kept away from cats who will hunt them down. Some say, however, that when a kitten is brought up from the very first with guinea pigs, she will live peacefully with them.

## FERTILITY VERSUS SINGLE CROPPING

Potato Growers May Well Benefit by Experience of Wheat Raisers of Wisconsin.

(By C. L. FITZEL, Colorado Agricultural)

When Illinois and Wisconsin, Minnesota and Dakota and other western states were put under the plow, the chief crop was wheat. After fifty or twenty years of wheat growing in southern Wisconsin the crops diminished, and about every third year the yields ran so low because of disease that wheat growing was abandoned as a failure.

After almost a generation of drying and the exclusive reliance upon corn, oats, barley and clover, wheat was tried again, and the yields are now larger than in the pioneer days. This offers a parallel to the growing of potatoes in southern Maine in the earlier days, their virtually going out and now their larger production again.

After the experience of 1911 and 1912 the potato growers of many regions in the Rocky mountain states will do well to consider if they have not already reached for the time being at least the passing of their crop. Perseverance is a good thing, but not always better than wisdom.

## PRACTICAL NOTES OF POULTRY YARD

Sunflowers Can Be Started Almost Anywhere and Transplanted—Add Variety.

A badly used hen is an eggless hen. Stop fooling with poultry. Do business. Water the hens two or three times a day with as good water as you would like to drink yourself.

How would you like to eat the feed you give your hens? If you beg to be excused, then we tell you that you are not doing the right thing by your birds. They never ought to have feed that is not good enough to set on our own tables.

Rubbing vasoline on the legs of chicks or older chickens, will prevent

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# BETTER

Than city conditions are the advantages we offer you. Pure air, pure water, best schools, best location between Detroit and Pontiac, best suburban-car service out of the city, best and lowest rates of fare.

# BIRMINGHAM

Is 300 feet above the Detroit River, is now constructing a most excellent system of sewers, is an ideal home-builder's village with none of the disadvantages of the big, crowded, unhealthy city; and the great big out-of-doors smiling and beckoning to you just at the end of every street and

# BEST

Of all, the people who wish to take advantage of the very favorable conditions now existing can do so at little expense by buying Lots now, in WHITEHEAD & MITCHELL'S NEW BIRMINGHAM HEIGHTS SUBDIVISION, right on the banks of the newly-proposed beautiful little lake, which is sure to come next year. Hadn't you heard about it? Well, just go ask Whitehead, at the First National Bank. Buy Lots now for \$500 and upward on very easy terms. Sure to double in price when the lake is established next spring.

The following is a partial list of Farms, City and Village Lots, and Real Estate generally which we have for sale. As our list is constantly changing, we request that parties will write us if they do not see what they want in this list.

- No. 1. Fine residence practically new, 7 rooms, bath, toilet, furnace, electric light, 21 1/2 ft. front, 30 ft. deep, good barn, city water, 3 blocks to electric. Terms to suit.
- No. 2. Vacant lot in Buell addition fronting on Woodward and electric. Fine building site cheap.
- No. 3. Vacant lot on Willow Avenue, 100 ft. front, 300 ft. deep, city water, fine lot of berries.
- No. 4. One thousand dollars cash and the balance on easy terms will buy 6 acres of excellent land on electric in Royal Oak village. Excellent for planting 1,200 berries, 34 grapes, pretty little lake from which \$250 worth of ice was harvested last season. The house and forty minutes to city hall, Detroit. Don't delay.
- No. 5. Here it is! Nine-room two-story cottage built in fine location lot 561213, bath, toilet, furnace, electric light, 140 ft. front, 206 ft. deep, 3 blocks from electric, fine locality, \$2,500. There's no!
- No. 6. Delightful Maple avenue residence, 4 rooms, bath, toilet, furnace, electric light, 140 ft. front, 206 ft. deep, 3 blocks from electric, fine locality, price right and terms easy.
- No. 7. Eight rooms, 1 1/2 story cottage, hot water heater, bath, toilet, hot and cold water, bath and the desirable qualities of one of the finest houses in Birmingham. Two blocks from electric. Look it over, and the desirable qualities offer for cash and you'll see us help you get it.
- No. 8. Two and one-half story residence on Maple avenue, 12 rooms, furnace, city water, good barn, electric light, fine shade, about half an acre of land water, bath and the desirable qualities of one of the finest houses in Birmingham. Two blocks from electric. Look it over, and the desirable qualities offer for cash and you'll see us help you get it.
- No. 9. Seven-room buungalow, latest improved, bath, toilet, furnace, hot and cold water, electric light, good big lot 601380, nice barn, sewer, no better locality in same portion of the city. Electric 2 blocks from school, nice, new; cash home for \$3,800. Take it away on easy terms and be happy.
- No. 10. Modern two-story frame dwelling with all the conveniences in Rochester, Mich., lot 601210 with good barn, in good location, building well insured for \$2,000, three blocks from electric, and \$1,100 above the mortgage will buy it.
- No. 11. Now listed. Prized little farm in seven states. Just outside village of Birmingham, 19 acres, 3 blocks from electric, 1 1/2 acres, 3 buildings including barn, chicken house and fine modern 7-room dwelling, with a good fire place, a chicken house, bath, toilet, furnace, electric light. Ideal place for city man with ideas regarding his future on the side. We can assure you that the price and terms won't frighten you if you mean business. Well; you just ask Whitehead and see.
- No. 12. Here's another. House and store in pleasant little country village three miles from Detroit. Six rooms, 3 buildings with cellar, well, cistern, and barn. All in good shape. Fine lot for some one who likes small means, to make a good living and something besides in a country trade in good location. Price \$11,900. Just arrange together enough to buy small general stock and there you are.
- No. 13. Right in the heart part of the village and valuable for business or residence. Lot 41830, good comfortable, old-fashioned house, will rent for \$20 per month. But when you hear the land without any house at all is worth more than we are asking for it. If you're from Michigan you are the fellow we want. Come on and well show you.
- No. 14. Lot in Campbell's subdivision, 60x 120 new house, nice neighborhood, city water, furnace, etc. \$2,300. Terms so easy that you can't help pay for it. Just arrange together enough to buy would come to. Then you would soon have a home of your own.
- No. 15. Good house and lot on Highland Avenue in the best part of the city, near Park, house insured for 1,500. Will exchange for small farm property or \$2,500 will buy it.
- No. 16. Farm of 147 acres in Oakland township, 125 cleared, 15 acres oak timber, house and barn, price \$45 per acre, one-half cash balance on easy terms.
- No. 17. Good farm of 154 acres in Orion township, 70 acres under plow and balance in young growing timber, two miles from Orion village, half mile from D. H. line, fine view, fine kinds of soil. Will exchange for house and lot in Royal Oak or Birmingham, will sell for \$45 per acre on easy terms.
- No. 18. Good cottage on Watkins street, half basement house, lot 60178, some fruit trees, wants to sell bad enough to let it go for \$1,500.
- No. 19. Here's another \$2,500 home on Willow Avenue, 4 1/2 acres, fine front and rear porch, seven room house, electric, beautiful maple shade the premises, and is true that you could not build the house for the price asked. One of the many good things in our list, if not the best.
- No. 20. Foggy acres on D. U. R. gravelly loam, good natural drainage, seven fine building sites, flowing well can be obtained where desirable, 17 miles from Detroit. Just the place for subdividing into the small farms every one is crazy about just now, and you per acre will buy it if you come quick with cash.
- No. 21. Yep, here's your chicken farm! seven and one-half acres on electric, 30 miles from Detroit, 10 room, electric light, toilet, furnace, grate, electric light, hot water to bath, and 100 chickens, 60 fine fruit trees just coming into bearing and \$2,000 will buy you the best fruit farm in the state.
- No. 22. Ten minutes walk from electric, cement walk from Woodward, 3 2/3 acres with small buildings, (you may want to build your own) and buildings are not considered in the price.) Just outside village limits, first location, \$3,000.
- No. 23. Five acres vacant on Willow Avenue, just outside village limits, 15 minutes walk from car, cement walk, fine for planting, will sell all for \$600 per acre, or you can buy the lot and sell the lot 601315 from \$2.00 per front foot up, according to location.
- No. 24. Excellent farm of 160 acres on new State road, 25 acres orchard, 10 acre timber, buildings insured for \$5,000, will sell 8 1/2 miles from electric, will sell easily across without buildings. If you want to see the farm in this locality have sold within the past six months for \$300 per acre, but you can buy this one for much less.
- No. 25. Now, here's a farm for \$70 per acre and country, may say it must be a poor one to sell for that, in these times of high prices. Now just to show you how really you can be helped, listen to this: One hundred and sixty acres, fine, productive land in good locality with comfortable buildings, barns rebuilt and a mile of new wire fence, 2 miles from electric and 1 1/2 miles from school, 30 acres hot and cold water, 80 lighter sandy loam. Pretty little creek runs through the lovely improved farm. We know you will be interested. Detroit 15 miles.
- No. 26. If you could hear of a good farm of about 70 acres for \$2,500 you'd sit up and begin to reach for things. That's all here, you are. 10 acres orchard, fair farm house, new cement barn, 1,000 peaches, rolling land, large lot, fine view, a little over a mile from electric. Hub! That gravel pit will pay for the whole outfit in two years. Fact.
- No. 27. Southfield farm of 90 acres, new 8-room house, 2 barns and chicken house; all buildings in first class shape, stream runs through middle of farm. Will exchange for no waste land, 3 miles from electric, \$90 per acre or will exchange for Birmingham improved.
- No. 28. Sixteen acres in high state of cultivation, good 9-room house which needs but little expenditure to make modern improved, barn, chicken house, wire fence, good drainage, pretty little wood lot six acres, fine old maple, water and electric, Birmingham one mile, quarter mile to little River Rouge, ten minutes (auto) to electric. Right here you won't tell you right out in public. If we did every body would want it at once; but it's not for sale. Well; you just ask Whitehead.
- No. 29. Seven-room house, vitrified brick veneer, 1 1/2 stories, toilet, bath, Pan-Insular furnace with hot-water coil, electric light, Cabot shingles, fine view, well furnished, electric stail, all new and up-to-the-minute in every particular, first class construction. Located in material throughout the city, 15 minutes from electric, Heights, 1 1/2 block from electric on Woodward.
- No. 30. A bully good Troy farm of 120 acres lying on both sides of the Flint line, electric, 8-room house in fine shape and five other ample and first class buildings, fine view, well furnished, enough water to supply a dozen such farms, best new Page wire fences, 6 acres alfalfa, nice cow barn for 25 head with cement floor and stall, school 10 rods, churches and stores 1 1/2 miles, just as beautiful a place, block-fence, well drained, no waste land, seed, price is low enough to be very profitable, 10 per cent of purchase price will swing it.
- No. 31. Modern two-story house in the very best residence portion of the village about 1 1/2 acres of land, 13 rooms, 2 bath, electric, fine view, fruit, everything to make it comfortable, and convenient, all buildings comparatively new. Will exchange for good farm of 100 acres or more, within a mile two of the electric, either line, or will sell for \$7,000 on easy terms.
- No. 32. Two story frame dwelling, modern in every particular, bath, toilet, furnace, electric light, built 1911; finished in natural oak; good shade, fine view, well furnished, electric light, in best residence section; lot \$8,500, \$4,900, terms easy and—well, we don't print it. Just ask Whitehead.
- No. 33. Fine farm of 120 acres just over the county line in Redford township, one mile from electric, nice electric, three buildings; ten room house; electric light, well furnished, all buildings. Would be cheap at \$200 an acre, but—wisper! \$125 per acre will buy it. Now don't blame us, this is sold when you get down to ask about it.
- No. 34. One of the very best and most productive farms in this locality, 150 acres, well fenced, no waste land, 8 buildings, 2 barns, larger residence in room, good road, only forty rods from electric, entire farm under high grade of cultivation, excellent drainage, 10 miles from Detroit, 3 1/2 from Birmingham. If you want one of the best and cheapest bargains on our list, just ask about this number.
- No. 35. Two-story, frame, modern, new and complete with every convenience, nice electric, insured for \$2,000, 60x120 on north side of one of our best residential streets, and you can buy it on long lease for \$4,000 with small payment down and balance on easy monthly payments.
- No. 36. Eighty acre farm 2 1/4 miles from electric, sandy loam, no buildings, well fenced, fine springs, no waste, good neighborhood, under good state of cultivation. Terms easy, price \$50.00 per acre.
- No. 37. Two story, eleven rooms, bath, toilet, furnace, electric light, lot 75x130, insured for \$2,000, 60x120, fine view, good barn, will trade for smaller place in Birmingham, or sell for \$1,000 cash.
- No. 38. Fine farm of eighty acres, 4 buildings, 10 room house, 10 acres fine apple orchard, two creeks never-failing spring water, 1 1/2 miles from (through) village, 5 miles from Birmingham, 2 1/8 miles from electric. Well equipped for stock or dairy farming, nothing better on our list for the price and enough cash to secure will get it at \$75.00 per acre.
- No. 39. One mile from electric, one mile from Birmingham, one hundred acres, one bullly good farm. Flowing well, 8-room brick house, also 5 other buildings, fine gravel road to Woodward Avenue, fences, drainage, soil first class in every particular. Price and terms on application.
- No. 40. Two story, nine rooms, modern, with hot water heater, fine location, beautiful shade, one block from Woodward, fine view, garage, every convenience, very desirable, \$4,500.
- No. 41. Want a good little, productive farm in Southfield? Well, here it is: Forty acres, 6-room house, fair buildings, four miles from electric, \$500 enough cash to secure, balance easy.
- No. 42. Two-story 12-room house, lot 72x250, the location on Woodward Avenue, fine view, electric light, house insured for \$2,000. Come and get it right away for \$2,500 cash. The lot price is worth more than half the price.

**Remember**

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