

Gardening for Pleasure and Profit.

:YOUR LAWN:

Needs attention now. The cold winter may have killed some of the tender grasses. Our "Sterling" Lawn Seed will build it up. It needs nourishment. Feed your lawn with "Excelsior" Lawn Fertilizer. It is time to plant your Sweet Peas now and to prepare for other flower and vegetable seeds. Call at our main store, or write for free book.

Northrup, King & Company,
26-28-30-32 Hennepin Av., Minneapolis.

Good Money Made

In Buying Good Poultry Supplies.

WE ARE HEADQUARTERS for everything in good supplies—all the larger farms in the Northwest are being supplied by us because we handle good goods. Jewel Incubators and Brooders are easy winners and satisfy all operators. We have a full line of Bone Cutters, Root and Clover Cutters, Spray Pumps, Egg Boxes, Coops, Grit, Shells, Jewel Chick Feed, the life saver, Jewel Hen Feed, Beef Scraps, Alfalfa Meal and hundreds of other articles are described in our mammoth catalogue which is FREE if you mention The Journal.

POULTRY SUPPLY DEPARTMENT

International Stock Food Co.

MINNEAPOLIS, MINN.

NORTHERN GROWN FRUIT TREES

Honey suckles, Dogwood, Buckthorn, Lilacs, best for hedges. Small Fruits and Ornamentals. Hardy Bush and Climbing Roses. All grown in the famous Minnesota Region. Write for Price List. All visitors welcome at our Nursery. Excelsior, Minn. A. A. BOSE, Excelsior Nursery

LANDSCAPE ARCHITECT AND ENGINEER.

FRANK H. NUTTER,

710 SYKES BLOCK, MINNEAPOLIS, MINN.

Engineer of the Minneapolis Board of Park Commissioners since their organization in 1882. Sketches, designs or complete working plans for home grounds, parks, cemeteries or public grounds of any description.

Send For JEWELL APPLE BOOK
Most complete catalogue of Jewell Hardy Apples ever published. Strong, healthy, vigorous 7 year apple trees ready for spring orders. Order your stock all through April. Our Northern location allows us to ship in excellent condition on foot. Our 36 years of experience and honest dealing guarantees you varieties true to name and prompt shipment. Jewell Nursery Company, Box 18, Lake City, Minnesota.



FRESH CUT FLOWERS

Blooming and Decorative Plants shipped to all northwestern towns. Send for our Easter prices. Telephone and Telegraph orders promptly filled. Burge's Flower Seeds that grow. Order now.

PATTHEY & THOMPSON,

11 So. Seventh St. Florists. Minneapolis, Minn.

Holm & Olson,
FLORISTS, St. Paul.
Out of Town Orders
GIVEN CAREFUL ATTENTION

GRASS SEEDS
Seed Corn, Speltz, Wheat, Barley, Rye, Russian Flax, Senonah, Cheat of Russia, Silvermaize and White Russian; all kinds of Grass and Clover Seeds, German, Hungarian, Siberian, Early Fortune Millet, Field Peas, Brown Grass, Fodder Corn, Lawn Grass, everything in the seed line. We guarantee satisfaction. LA FOURRE SEED HOUSE, E. A. Bennett, Proprietor. Write for catalogue. La Fourre, N. D.

Easter Flowers
Finest stocks of Lilies and other blooming plants for Easter in the city. We ship to all parts of the Northwest.
E. NAGLE & SON,
1118 West Lake St.

Spring Flowers
Of all kinds. Blooming and Decorative Plants for every occasion. Beautiful Easter Lilies. Telegraph and telephone orders promptly filled.
Minnetonka Floral Co.,
36th st. and Irving av. So. Both phones.

Trees and Corn
Grown in the North for Northern Planters.
Holland's Nursery, Bismarck, N.D.

C. W. GURNEY
Nurseryman, Yankton, S. D.
A large assortment of strictly home-grown stock. Wholesale and retail.
SEND FOR CATALOGUE.

SWEET PEAS
There is no flower grown out of doors that will give the variety of colorings and delicate fragrance that the Sweet Pea does, and few annuals are so popular.
Sweet Peas, best new mixed, ounce.....10c
One-fourth lb., 25c; 1 lb., 90c.
Sweet Peas, fine mixed, ounce.....8c
One-quarter lb., 20c; 1 lb., 60c.
Sweet Peas, all Names, Varieties, ounce.....10c

LAWN GRASS SEED.
Finest quality, quart.....23c
Finest quality, 2 quarts.....40c
Finest quality, peck.....90c
Finest quality, bushel.....\$3.40

Miss Carrie H. Lippincott,
319 Sixth Street South,
Minneapolis, Minn.

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A CROP OF CABBAGE MAGGOTS FOR NEXT SUMMER IS PROMISED, MARKET GARDENERS TAKE WARNING

Entomologist Washburn of the state experiment station was called to Edina Mills yesterday, at the request of several market gardeners, who are much alarmed at finding in the soil near the roots of last year's cabbage plants, which were left standing in the field, very many pupae of the cabbage maggot fly. These pupae have passed the winter in this stage, and all that is necessary to prevent, give rise to hosts of flies when the new crop is planted. The pupa is the resting stage of the fly, and comes after the maggot stage. They were particularly numerous near or upon the underground part of the stalks in fields that had not been disked and plowed last fall, where the old leaves, still hanging on the stalks, may have helped in a measure to protect the pupae from the rigors of the winter. If all market gardeners in the locality would co-operate in disked and deep plowing in the fall, plowing a second time in the spring just before planting, they would, by turning under many pupae so deeply that the flies could not emerge, lessen the number of hands to attack new cabbage plants. It would seem, in view of the general prevalence of the fly, that it is a bad plan to leave the old stalks, with their leaves, standing thru the winter. It was noted yesterday that in fields that had been disked and plowed deeply last fall there are but few of the pupae of the cabbage maggot fly, and it is suggested by the entomologist that such fields were not so treated in the fall, should be disked and deeply plowed as soon as possible this spring. The following suggestions also meet the approval of practical growers. For early varieties in hotbeds and have them attain a good size at as early a date as possible, then plant in rich soil in the open ground. Watch the ahead of the flies, or outgrow the injuries, or be too vigorous to be badly injured. It seems to be a question

BEAUTIFUL BACKYARD WITH LAWN AND AQUATIC GARDEN

By E. D. Fuller, 3417 Longfellow Avenue.

Water gardening is easy and feasible. It is neither laborious nor expensive. It is within everybody's reach. Sunlight, fresh air, a reservoir for water, some rich loam, a few roots—such are the simple requirements. Convenient dimensions for tanks of moderate size are from 6 by 8, 6 by 12 to 8 by 16. All should be in proportion to the size of the grounds and shaped to individual taste. The best material for constructing permanent tanks is cement laid on the soil. A total depth of two feet—such is the theory in the best practice. In an angle of 45 degrees or more. Boxes one foot deep are filled with soil covered with an inch of clean sand, in which the plants are planted. The garden can be limited to a few tubs or half barrels plunged in the ground, leaving some space between for planting of iris and other water-loving plants.

When the flowering period is over, go over each bush and cut away every bunch of seed. The plant should not be allowed to exhaust itself unnecessarily by perfecting seed for which we have no use. In planting the lilac, look ahead well. The little plant of today will, in five or six years, if well cared for, be a great bush; therefore, give it as much space to develop in. On no account set plants close together, unless you want a group. Keep them at least two feet apart. Pruning is very advisable to give these shrubs a place in the background.

PRUNING THE ORCHARD.

In nearly all cases from the beginning, the orchard should have an annual pruning. If it does not, the limbs will become crowded, some of them will be misshapen, and there will be increased difficulty in bringing the tree into proper poise. Properly done, annual pruning avoids the necessity of removing large limbs.

If proper work is done at the time of planting trees in pruning, and for the next four or five years, very little labor or time will be required afterwards. By simply keeping in mind the form of tree desired, starting the main branches as to obtain a good spreading top by rubbing off, or with a knife cutting off small branches that push out at improper places, fine-shaped trees can be grown that will require but little after-pruning.

HOW TO RAISE FINE TOMATOES.

The proper culture of the tomato requires something more than transplanting in the garden. This fruit is only at its best when the plant has been skillfully handled. It requires plenty of sunlight, warm nights and not much moisture. If the vines are permitted to grow at will and lie on the ground they will produce little fruit. For best results the plants should be tied up on stakes or a trellis, and surplus growth pinched away with as much care as is given the grape. This cannot be done on a large scale, but a trellis of best support that can be provided for the tomato is a barrel hoop tacked to three stakes at a suitable height from the ground and put over the plant before it begins to spread. As soon as the fruit has set in sufficient quantity, prune away surplus growth. This will give large and fine fruit, ripening early. If black spots appear in the largest and earliest tomatoes, pick those at once and bury

Plant Your Sweet Peas Early
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HENS NOT IN TRUST

By R. A. PIKE.

In these times when every other word we hear is trust it is some satisfaction to know of one of the big industries that is not and cannot be controlled by a trust. I refer to the industries here. Almost every farmer has 100 or more hens, and many city people are keeping at least enough to supply the home table with fresh eggs and plump poultry. Notwithstanding the number of people who raise chickens, the prices of eggs and poultry have steadily increased until this winter many people had to pay and were glad to pay 45c a dozen for eggs that they knew were just laid. This money was paid direct to the people who owned the chickens, and in most cases the customer sent to the poultry yard for the eggs so that there was no chance for any trust to make a profit. Ask any storekeeper what he makes on eggs and you will find out. He will tell you they make about one cent a dozen; ask him where he gets the egg and he will tell you that he buys direct from the poultry farmer. From the country stores, who buy from the farmer. These country stores allow in trade for the eggs, just what they get for them in cash from the commission men and storekeepers, and as commission men only charge 5 to 10 per cent for handling eggs you can easily see that the farmer or poultry raiser, under any conditions, gets nearly as much for his stores as the consumer pays for them. Only recently a man came into our place of business, and said that he was keeping cows and running a dairy, but that his wife was raising chickens in addition to doing the housework, and was making \$8 to \$9 a week out of them, more than he clears from his cows. He told me that he was going to gradually sell out his cows, and devote his attention to raising chickens. He said nothing about the cows.

Recently while in southern Minnesota I found one town where almost all business is transacted with eggs and poultry checks. The farmers bring their eggs and poultry to the various stores and received checks issued in denominations to correspond with currency. These checks are good at all stores, so no money to speak of is needed. At Wells, Minn., they often ship two carloads of eggs a day during the laying season, and these eggs are all gathered from nearby towns, think what two carloads is worth even at 15 cents a dozen! At Mapleton during the season a full carload of eggs is shipped out each week and these eggs all come from within a few miles of the town. One dealer told me that in the spring he buys from his customers 100 cases of eggs a week. Poultry-raising is a pleasant work, healthy and the most profitable business on earth for amount of labor and capital required. People in good health or poor health can do the light work necessary to start on a farm with \$25- or \$1,000, depending upon the amount of business to be done; and people without previous experience can make a successful start in a small way. It is surprising how many different classes of people are raising poultry either on a large or small scale. Among our customers are bankers, judges, doctors, ministers, teachers, clerks,prising how many different classes of people who have a little piece of land. Whether you go to the lake this summer, stay at home, or on the farm, why not raise chickens, or if you have them already use a little more care in looking after them and reap the profits that you are entitled to!

R. A. Pike, with Pike & Co., Minneapolis.

Spraying as a Preventive.

It should be remembered that spraying of grapes and fruit trees against fungus diseases is always a preventive rather than a curative remedy. The first spraying should be done at the time of the swelling of the buds. Every agricultural station issues an annual spraying calendar for the various fruit crops, which is a complete guide to the farmer and the fruit grower, and there is nothing to prevent each individual from writing to the state experiment station and securing a free copy of this document and nailing it up on the barn door.

Burpee's flower seeds that grow, for sale at Patthey & Thompson, florists, 11 Seventh street S.

Wyandotte Brand
Chick Feed made by R. A. Pike. This is the feed that is all good. Eggs \$1.50, 100 lbs. \$2.50. Eggs for hatching from our prize winners. Catalogue free. 221 2nd Av. S. Both Phones.

PIKE & CO. Minneapolis, Minn.
Mention Journal.

FOR THE DAHLIA FANCIER.

In the late number of the Rural New Yorker, Henri Beaulieu wrote on some of the points in commercial dahlia growing. Some of his statements are also of value to the private or amateur grower. Plant them, if there is no danger of frost, outdoors about three feet apart each way, not in too rich ground; then when they come to the ground, cut them out the tops; do not dig them too early; wait till the hard frosts come. They can stand here till Nov. 15. The best flowers and lots of them. Then the tuber gets ripe better, too. As to digging and storing the tubers the following advice is given: Cut the dahlia stems are killed by frost; cut out the tops; do not dig them too early; wait till the hard frosts come. They can stand here till Nov. 15. The best flowers and lots of them. Then the tuber gets ripe better, too.

Choice Roses at 5c Our Rainbow Collection of 20 Roses for \$1 Prepared by mail.
The roses we send will bloom freely this summer, either in pots or planted in the yard. They are hardy everblooming; all on their own roots, and correctly labeled. We guarantee them to reach you in good growing condition. We also guarantee them to be the best dollar's worth of roses you ever purchased. Write today.
Souvenir de Pierre Notting, orange yellow; Souvenir de Elise Yardon, creamy white; Madame Jean Dupuy, light yellow rose; Pierre Guillot, deep crimson; Mrs. E. B. Cant, deep, rich red; Rosamine Gravenure (new) silvery pink; Maurice Bouvier, pink shaded buff; Lady Mary Cory, creamy yellow; Luciole, yellow flushed red; Gladys Harkness, the improved La France; Aurora, bright pink; Killarney, salmon pink; Alliance Franco-Russie, amber yellow; Antoine Verdier, glowing rose; Ruby Gold, yellow and crimson; Bouquet of Gold, golden yellow; Hermosa, everybody's favorite; Ivory, snowy white; Bon Silene, in bloom all the time; Burbank, beautiful dash tint.
Remember, the above 20 roses mailed for \$1.00 anywhere in the world. We send instructions with each order how to plant and care for them.
THE PROOF OF THE PUDDING IS IN THE EATING. This applies to floral matters as well as to matters culinary.
Ballinger, Texas, Nov. 20. The Good & Reese Co., Springfield, Ohio. Gentlemen—The 20 everblooming roses you sent me for \$1.00 arrived yesterday in the most splendid condition, and allow me to say that I was absolutely surprised at the size of the stalks, and the amount, length and thickness of the roots. I have wondered many times how you could afford to send out such roses for such a small price. Every home in the land should have their yards full of everblooming roses at this time. Yours, (Judge) C. E. WILLINGHAM.
LARGEST ROSE GROWERS IN THE WORLD. Box 213, Springfield, Ohio.

A Car Load of Shade Trees Fine Soft Maple and Ash, carefully grown, dug and handled, just the trees to beautify a new town site or suburban addition. The name of the grower gives assurance of a square deal. For particulars address.....
AT A BARGAIN
The Wedge Nursery, Albert Lea, Minn.

Largest Nursery Near the Twin Cities.
Established 1874.
We grow a full line of hardy Fruit and Ornamental Trees, Shrubs, Roses, Vines, Herbaceous Plants, etc.
Fine lot of Elms, 2 to 6 inches in diameter, suitable for street planting. Twin City orders planted and guaranteed without extra charge. Catalogue free.
Rose Hill Nursery E. C. Floss, Park, Minn. Minneapolis

GIANT TREE TOMATO
This remarkable variety grows from 10 to 15 ft. high, and if planted early will begin to ripen by July 4th. The flesh is firm and solid, almost seedless, the ground clear through, and of the most delicious flavor ever found in a tomato. The fruit weighs from 15 to 25 lbs. and is almost always found to be a good grower.
Packet 20c. 3 Packets 50c.
This is not an untried novelty. We introduced it 25 years ago and our sales of it have increased each season; this fact alone should recommend it to every one wanting a choice tomato.
Catalogue Free. We describe many new and valuable varieties of seeds, plants, fruits, etc., including the new GUARANTEED MINNEAPOLIS APPLE. Please mention this paper when writing and receive a packet of Vegetable seeds free.
L. L. MAY & CO.
Seedsmen, Nurserymen and Florists, ST. PAUL, MINN.

Ornamental Plants and Shrubs
Our stock is the most complete, very best and choicest of hardy ornamentals, in large specimens for immediate effect.
Peonies, Iris and Roses our specialty.
Swanson's Greenhouses & Nurseries Merriam Park, Minn.

30000 Apples Fifteen varieties, 4 to 6 feet—Fine Trees at BEDROCK PRICES... must be sold.
THE NORTHFIELD NURSERY
Is growing two hundred thousand hardy Apple Trees for the Northwest trade, and a general line of Nursery Stock. Greenhouse attached.
C. P. Nichols, Northfield.

BEST TREE for Park, Boulevard, Street and Cemetery is the AMERICAN WHITE ELM. We offer for sale this spring 25,000 transplanted from 2 to 3 inches in diameter; also American Linden, Hackberry, Soft Maple, Box Elder, and a full line of ornamental stock. Special prices on carload lots. Nursery located near Breezy Point Station, Minnetonka. Address
CHARLES HAWKINSON, Excelsior, Minn.

VINEGAR HILL NURSERY
Has a good assortment of the hardiest varieties of Fruit Trees, Small Fruit Plants, Evergreens, Vines, Roses and Hardy Perennial Plants. Send list of wants and let me price same before you order elsewhere. All stock warranted true to name.
A certificate of inspection will be sent with each shipment.
ADDRESS WM. SANDROCK, HOUSTON, R. 4, MINN.

Hardy Trees & Plants WE SELL Direct to PLANTERS.
STRAND'S NURSERY Taylors Falls, Minn.
R.P.D. 20.
Catalogue FREE.

Minnetonka Shore Property.
I have at Wildhurst, and only five minutes' walk from the Railway Station, a few very choice lots, each lot including 100 feet of the very best shore on Lake Minnetonka and containing from 1 1/2 to 2 1/2 acres, covered with the old timber, and on the boulevard around the lake. They are the only thing of the kind left in Minnetonka, and to one wanting an elegant lake home at a moderate price these lots should appeal. Price only \$2,000 each. Easy terms if desired. Let me show them to you before they are all sold.
A. S. APGAR - Excelsior, Lake Minnetonka, Minn.
Catalog and map of Lake Minnetonka free.

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