Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.
The J. M. McCullough's Sons Co.  
Wholesale Seed Merchants.  
Office and Sales Department;  
316 Walnut St.  
Cincinnati, O.  Aug. 22nd 1918

In Comparing Prices Don't Overlook Samples  
Small Lots and Broken Packages Charged Higher Price.

These Prices are to-day's values only. All quotations subject to market changes  
without notice. When ordering, specify variety, quantity, and source of any seeds, plants or bulbs. We send out and we will not be in any way responsible for the crop, if the purchaser does not  
accept the goods on these terms. He must notify us at once, and we will give instructions for disposition of goods.

Trade Marks registered, McCullough's Seeds, XXXX, Buckeye, Suburban Lawn Grass, Central Park Lawn Grass.

Seamless Bags—with seed, 70c each.  
Oat Bags, holding about 5 bu. 35c each.

Grass Seed, Soy Beans, Cow Peas, Onion Sets and other Seeds in Burlap Bags, Bags extra  

When Purity and Gravel are mentioned, they are only for guidance, and without guarantee.

LAWN GRASS.  Suburban Mixed, (best).  1 lb. package, $2.50  
Case of 25 lb. pkg. 5 lb. bunch, 10 lb. 20 lb. 75 lb. 100 lb.

Central Park Mixture  
25 lb. bunch 100 lb. 

CHAFF RED TOP.  per bu.

Eaton 85  
Tom. Fair 30

RECLAIMED RED TOP. 100 lbs. XXXX Fancy Pure Seed. 14.00

Buckeye 13.00  

Alsike Clover.  Ask for  

Unhulled. 7.00 to 9.00

KENTUCKY BLUE GRASS.  8 bu. per bag. per bu.  
Less than bag lots, 5c extra. XXXX 3.00

Buckeye 2.75  

Orchard Grass.  Ask Buckeye, for  

Pasture 1.00  

MILLET.  Tennessee Golden Fancy  
Western Choice  
Hungarian Choice  

JAPANESE MILLET.  Per 100 pounds  

SEED GRAIN.  bu.  

Flax Seed 4.85  

Vetches Spring 60c  

Harly Sand 10.75  

Evergreen Dwarf 2.45  

Oklahoma Dwarf. 2.55  

Backwheat Japanese  

Sorghum or Sunflower.

NOT FOR SYRUP PURPOSES, but for canning.  

SEED WHEAT.  bu.  

Choice Reclaimed.  
Portage. (Smooth) 2.75

Chelsea 2.75  

Poole 2.75

SEED RYE.  
Rosen 2.25  
(Chicago grown)  
Choice Reclaimed 2.00

FIELD PEAS.  White No. 1... per 100 lbs.  No. 2... 6.60

Reclaimed White Kafir Corn 1.00

POPCORN.  For Popping.  

Rice (shelled) per 100 lb. 14.00

ONION SETS.  White Bottom 32 lbs per bu.  

Yellow 25.00

OTHER GRASSES.  
Wood Mushroom per 100 lbs.  
K. I. Bent Grass  
Bronsit Grass  
Sheep Fescue  
Hard Fescue  
Red Fescue  
Varied Leaf Fescue  
Created Dog Tail  
Tall Meadow Oat.  
Annual Sweet Vernal  
True Per Sweet Vernal  
Italian Ryegrass  
Bermuda Grass  
Teasantine  
Japan Clover  
Sudan  
Pearl Miller  

BIRD SEED.  
Canary (100 lbs.) 18.00  
Rape $11.00  
Sunflower  
Mixed, per case, (50 lbs.)

Oilseed also Cotton Seed Meal, 
and Poultry Supplies prices on other side.

SHEEP MANURE.  

FLOURMIZED.  

1 bag 100 lbs. 1 65  
5 bags 500 lbs. 8.00  
10 bags 1000 lbs. 15.50  
500 lbs. 15.50  
2000 lbs. 30.00

FERTILIZERS.  

Nitrates 200 lbs. 7.00  
Land Plaster 200 lbs. 2.00

Terms on Field Seeds are Strictly Spot Cash. Do Not Ask for Time.

We are always in the market buying high grade seed, if any to offer mail sample, and we will be pleased to make bid.  

The J. M. McCullough's Sons Co.
Owing to the scarcity and high price of all bags, we are now compelled to charge extra for burlap bags with Seed, especially, in less than full bag lots.

We have about 1000 good two bu. "COTTON SEAMLESS GRAIN BAGS" which have been patched, now in good order, and quote same at $50.00 per 100

F. O. B. Cincinnati, it unsold.

**BLATCHFORD’S Calf Meal.** The great Milk substitute

PACKED IN 25 lb. BAGS.

<table>
<thead>
<tr>
<th>100 lbs.</th>
<th>500 lbs.</th>
<th>28 25</th>
</tr>
</thead>
<tbody>
<tr>
<td>$3.75</td>
<td>$3.70</td>
<td>$3.65</td>
</tr>
</tbody>
</table>

**Wholesale Poultry Supplies.**

<table>
<thead>
<tr>
<th>Description</th>
<th>per 100 lbs.</th>
<th>per 10 lbs.</th>
<th>1000 lbs.</th>
<th>per 100 lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buckwheat</td>
<td>$4.50</td>
<td>$4.45</td>
<td>$4.40</td>
<td></td>
</tr>
<tr>
<td>Canadian Pigeon Peas</td>
<td>$6.75</td>
<td>$6.70</td>
<td>$6.65</td>
<td></td>
</tr>
<tr>
<td>Chickens</td>
<td>$3.30</td>
<td>$3.20</td>
<td>$3.30</td>
<td></td>
</tr>
<tr>
<td>Cracked Corn</td>
<td>$4.25</td>
<td>$4.20</td>
<td>$4.15</td>
<td></td>
</tr>
<tr>
<td>Hemp Seed</td>
<td>$7.75</td>
<td>$7.70</td>
<td>$7.65</td>
<td></td>
</tr>
<tr>
<td>Kaffir Corn, white</td>
<td>$3.85</td>
<td>$3.80</td>
<td>$3.75</td>
<td></td>
</tr>
<tr>
<td>Milo Maize</td>
<td>$5.70</td>
<td>$5.60</td>
<td>$5.50</td>
<td></td>
</tr>
<tr>
<td>Large Pigeon Millet</td>
<td>$4.60</td>
<td>$4.55</td>
<td>$4.50</td>
<td></td>
</tr>
<tr>
<td>Vetches</td>
<td>$2.05</td>
<td>$2.00</td>
<td>$1.95</td>
<td></td>
</tr>
</tbody>
</table>

**Rock Salt,** bags extra per ton $1.50

$5.00.**

**Seamless Bags on above Feeds, 70c. Burlap Bags 25c. each extra.**

<table>
<thead>
<tr>
<th>Description</th>
<th>per bag of 100 lbs.</th>
<th>per 25 lbs</th>
<th>per 100 lbs.</th>
<th>10 bags</th>
<th>$4.40</th>
</tr>
</thead>
<tbody>
<tr>
<td>Globe Scratch Feed no grit</td>
<td>$4.55</td>
<td>$5.00</td>
<td>$5.25</td>
<td>10 bags</td>
<td>$44.50</td>
</tr>
<tr>
<td>Globe Chicken Feed, no grit</td>
<td>$4.70</td>
<td>$5.00</td>
<td>$5.25</td>
<td>10 bags</td>
<td>$44.50</td>
</tr>
<tr>
<td>Globe Developing Food, no grit</td>
<td>$4.85</td>
<td>$5.00</td>
<td>$5.25</td>
<td>10 bags</td>
<td>$44.50</td>
</tr>
<tr>
<td>Globe Egg Mash</td>
<td>$3.90</td>
<td>$3.75</td>
<td>$3.90</td>
<td>10 bags</td>
<td>$39.00</td>
</tr>
<tr>
<td>Queen Poultry Mash</td>
<td>$3.80</td>
<td>$3.75</td>
<td>$3.90</td>
<td>10 bags</td>
<td>$39.00</td>
</tr>
<tr>
<td>Purina Chicken Chowder</td>
<td>$4.00</td>
<td>$4.00</td>
<td>$4.00</td>
<td>10 bags</td>
<td>$40.00</td>
</tr>
<tr>
<td>King Pigeon Feed no grit</td>
<td>$5.00</td>
<td>$5.00</td>
<td>$5.00</td>
<td>10 bags</td>
<td>$50.00</td>
</tr>
<tr>
<td>Alfalfa Meal choice</td>
<td>$2.25</td>
<td>$2.25</td>
<td>$2.25</td>
<td>10 bags</td>
<td>$22.50</td>
</tr>
<tr>
<td>Short Cut Alfalfa</td>
<td>$2.35</td>
<td>$2.35</td>
<td>$2.35</td>
<td>10 bags</td>
<td>$23.50</td>
</tr>
<tr>
<td>Hulled Oats, choice</td>
<td>$7.00</td>
<td>$7.00</td>
<td>$7.00</td>
<td>10 bags</td>
<td>$70.00</td>
</tr>
<tr>
<td>Pinhead Oats</td>
<td>$7.00</td>
<td>$7.00</td>
<td>$7.00</td>
<td>10 bags</td>
<td>$70.00</td>
</tr>
<tr>
<td>Diamond Gluten Meal, 40% Protein</td>
<td>$4.05</td>
<td>$4.00</td>
<td>$4.00</td>
<td>10 bags</td>
<td>$40.00</td>
</tr>
<tr>
<td>Digestor Tallow 70% Protein</td>
<td>$6.25</td>
<td>$6.25</td>
<td>$6.25</td>
<td>10 bags</td>
<td>$62.50</td>
</tr>
<tr>
<td>Meat Scraps 55% Protein</td>
<td>$5.90</td>
<td>$5.90</td>
<td>$5.90</td>
<td>10 bags</td>
<td>$59.00</td>
</tr>
<tr>
<td>Blood Meal, 80% Protein</td>
<td>$8.25</td>
<td>$8.25</td>
<td>$8.25</td>
<td>10 bags</td>
<td>$82.50</td>
</tr>
<tr>
<td>Granulated Bone, Coarse, Medium or Fine</td>
<td>$5.10</td>
<td>$5.10</td>
<td>$5.10</td>
<td>10 bags</td>
<td>$51.00</td>
</tr>
<tr>
<td>Charcoal, Coarse Medium also fine</td>
<td>$3.90</td>
<td>$3.90</td>
<td>$3.90</td>
<td>10 bags</td>
<td>$39.00</td>
</tr>
<tr>
<td>Crushed Oyster Shells</td>
<td>$4.10</td>
<td>$4.10</td>
<td>$4.10</td>
<td>10 bags</td>
<td>$41.00</td>
</tr>
</tbody>
</table>

**FRENCH’S POULTRY MUSTARD 100 lbs.**

| 5 lbs. | $1.15 | 3 lbs. | 70c. | 1½ lbs. | 35c. |

90c. SACKS free on all the above Feeds. "&gt;[L]

**Choice, Reclaimed WHITE KAFFIR CORN.**

**BAGS EXTRA.**

2000 to 3000 lbs. $3.70 per 100 lbs. 1000 to 1500 lbs. $3.75 per 100 lbs.

**Least Quantity** $3.85 to $3.90 per 100 lbs.

**Strictly Choice White Oats.**

**BAGS EXTRA.** not returnable at full price.

150 to 200 bu. 160 bu. 90 lbs. less quantity 93 to 95

**COTTON SEED MEAL.**

With Indiana or Kentucky Tags 20c. per ton higher. 36%

<table>
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<tr>
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<th>per 100 lbs.</th>
<th>10 bags</th>
<th>$5.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Granulated Bone, Coarse, Medium or Fine</td>
<td>$5.10</td>
<td>$5.25</td>
<td>$5.25</td>
<td>10 bags</td>
<td>$52.50</td>
</tr>
<tr>
<td>Charcoal, Coarse Medium also fine</td>
<td>$3.90</td>
<td>$4.00</td>
<td>$4.00</td>
<td>10 bags</td>
<td>$40.00</td>
</tr>
<tr>
<td>Crushed Oyster Shells</td>
<td>$4.10</td>
<td>$4.10</td>
<td>$4.10</td>
<td>10 bags</td>
<td>$41.00</td>
</tr>
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**MINCED MEAL.**

With Indiana or Kentucky Tags 20c. per ton higher.

**PROTEIN** 30 per cent 5 per cent Fiber 10 per cent

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<td>$5.25</td>
<td>$5.25</td>
<td>10 bags</td>
<td>$52.50</td>
</tr>
<tr>
<td>Charcoal, Coarse Medium also fine</td>
<td>$3.90</td>
<td>$4.00</td>
<td>$4.00</td>
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<td>10 bags</td>
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**THE CLIPPER, Seed and Grain Hand Power Cleaner.**

Best made for cleaning Seed and Grain. Write us for Catalogue and Prices.

No. 1 B. CLIPPER MILL $26.00 No. 2 B. CLIPPER MILL $38.00

Both, latest improved, complete for cleaning Seed and Grain.

**GENERAL AGENTS**

**NOTE**—Gan now make immediate shipment of the above mills from Cincinnati.

**SEED SOWERS.**

**THE J. M. MCCULLOUGH'S SONS CO.**

**SEED MERCHANTS.**

316 WALNUT STREET, GINGLISH, O.

United States Food Administration License Number 6-18737

LONG DISTANCE PHONE MAIN 4598
IRIS. Fleur-de-Lis

JAPANESE IRIS
(Iris Kaempferi)

A FEW years since, we began importing this beautiful class of plants from Japan, and the demand for yearly increased as their beauty and value became better known. No place, however small, is now complete without a collection. They are most effective when planted in groups, and thrive best in a moist soil. The flowers are of immense size, from six to eight inches in diameter, and of the most beautiful and delicate shades. They are perfectly hardy, flowering in great profusion during late May and June. We offer the following list of named sorts:

Azuma Yuki, No. 81. Petals rose purple with heavy white veins, standards brownish-red, striped with white, yellow star center.
Banrai Nami, No. 1. Petals pale pinkish white with white standards and yellow center.
Furomon, No. 28. Petals bright pink, shading to creamy white, with heavy purple veins, standards purple, yellow center.
Gosetsu No Mai, No. 12. Petals light blue, yellow star center, with dark bluish purple standards.
Kimino-Medmui, No. 47. Flower vivid blue, with dark purple veins, and purple standards.
Koishiki-Kari, No. 85. Petals brownish-red with light brown veins, center yellow, standards scarlet, striped with white.
Kyo-Dai-Yama, No. 59. Petals indigo, standards greenish blue, striped with white.
Okino-Kamone, No. 45. Petals recurved and creamy white, standards pure white.
Sasa No Ko, No. 34. Petals recurved and creamy white, veined pink and white, orange center, standards pure white, spotted deep pink.
Shiraito-Daki, No. 100. Petals creamy white with bluish tinge, finely veined, center yellow, standards white with deep blue edges.
Yezo-Nishiki, No. 16. Petals lavender, heavily spotted with dark purple, center yellow, standards lavender, bordered with purple.
Yode No Kuruma, No. 8. Petals bright pink, shading to dark pink at center and heavily veined, standards purple, marbled with white.

Above named varieties, each 30c; per dozen, $3.00. By mail, each, 35c; per dozen, $3.50.

Finest Mixed (Our selection), each, 20c; per dozen, $2.00. By mail, each 25c; per dozen, $2.50.

We can furnish large clumps of most of the above varieties from $1.00 to $1.50 each.

SIBERIAN IRIS
(Iris Siberica)

Of slender growth, with narrow grass-like foliage and tall stems. Flowers similar to those of the American Iris, but smaller and much more numerous. The plants form strong, large, compact clumps and bloom during May and June. They may be lifted and stored for the following year and replanted in the fall. We can furnish the above varieties at 50c to $1.00 each.

IRIS PALLIDA DALMATICA

Of strong, vigorous habit, growing in good soil 4 feet high, with exceptionally large, fragrant flowers, standards lavender, falls lavender shaded blue, exudes in every way and fine for massing. Blooms during May and June. Each, 25c; per dozen, $2.50.

AMERICAN IRIS
(Flag Iris)
The American Iris is one of the most desirable May flowering plants. The flowers are of large size and of exquisite colors. For the best results plant in well-drained sunny position, barely covering the roots. Avoid fresh manure in preparing your border.

Carnaby Bird. Light yellow or buff. Ceenrills. Sky blue.
King of Yellows. Yellow. L'Inncence. White veined with orange purple.
Mme. Chereau. Pure white, border of blue.
Queen Victoria. Blue, changing to bluish white.
Thorbecke. White and deep blue.

Price of above, each, 20c; per dozen, $2.00. If by mail, add 5c each. 50c per dozen.

We can furnish large clumps of most of the above varieties from 50c to $1.00 each.

SPANISH IRIS
(Iris Hispanica)
The bulbs should be planted 2 to 3 inches deep and 6 inches apart. They flower in June and the blooms may either be lifted or allowed to remain for the following season.

Blue, bronze, yellow and white; separate colors, each, 5c; per dozen, 50c; per 100, $5.00.

The J. M. McCullough's Sons Co., Seedsmen

H. B. McCULLOUGH, President.
GEO. H. PARVIN, Vice-President.

Phone
Main 4598

316 WALNUT STREET, 316 CINCINNATI
Just Below Fourth
OHIO

United States Food Administration License Number G-1-7427.

Ov.}
**PAEONIES**

**DOUBLE HERBACEOUS PAEONIES**

**Magnificent**, hardy plants, almost rivaling the rose in perfume, brilliancy, color and perfection of bloom. They are perfectly hardy, require little or no care, and produce larger or finer blooms when well established.

All our Paony roots are furnished in divisions of from three to five eyes.

**Dorchester.** A most beautiful, soft pink of fine form, double. ... Each, 35c.

**Due de Wellington.** Large bomb, white guards, sulphur center; fragrant. ... Each, 40c.

**Edulis Superba.** Bright, magenta pink mixed with lilac; fragrant. ... Each, 25c.

**Felix Crousse.** Large, double, ball-shaped bloom; color brilliant red. ... Each, 35c.

**Festiva Maxima.** White, with carmine tipped flowers to a few entire petals. ... Each, 40c.

**Floral Treasure.** Large, full, shell pink, with lighter center. ... Each, 40c.

**Hamel.** Color very dark red. ... Each, 25c.

**Jeanne D’Arc.** Outside petals rose colored, inside straw colored, with crimson spots. ... Each, 60c.

**Livingstone.** Rose pink, silvery white. ... Each, 40c.

**Louis Van Houtte.** Deep carmine-rose, tipped silver with a brilliant ferr' reflex. ... Each, 30c.

**Mme. Calot.** Large, pure hyacinth-pink, with darker shadings in the center. ... Each, 40c.

**Madame Boulanger.** Color glossy, tender rose, shading to heliotrope, bordered with silvery flesh. ... Each, 40c.

**McCULLOUGH’S PAEONY COLLECTION.** One each of the above twenty named varieties for $7.50, purchaser paying express charges.

**PAEONIES IN MIXTURE.** They are from our named varieties. We keep the colors separate and offer them to color as follows: white, red and pink in mixture. Each, 25c; per dozen. $2.50.

We can supply large clumps of these varieties of Peonies from $1.00 to $1.50 each.

**Paonlca Officinalis**

**THIS type is the real old-fashioned “Paony,” and comes into bloom from ten days to two weeks earlier than any of the named sorts. All are strong growers, with large, full, double, fragrant flowers.**

**Alba.** Blush-white. ... Each, 25c; per dozen. $2.50.

**Rosea.** Rose. ... Each, 25c; per dozen. $2.50.

**Rubra.** Crimson. ... Each, 25c; per dozen. $2.50.

**CULTURE OF THE PAEONY**

**The Paony delights in a deep, rich soil and a sunny location, however, they will sometimes prove satisfactory in partial shade. The beds should be dug at least two feet deep and filled with good, rich soil and the roots set four feet apart each way. Cover the eyes not over two inches with soil as deep planting prevents free blooming. No manure of any kind should be incorporated in the soil but after the roots are set out manure may be placed in the middle of the rows but should not be allowed to come in contact with the plant as there is danger of the plant rotting when this is done. The roots should only be set out in the Fall, August and September are the most desirable months for this purpose. In setting the roots care should be taken to see that the soil is well packed up against the bottom of the root as it is essential that the soil be brought into close contact with every portion of the root. Do not cover the bed with any kind of litter until the ground is frozen, the litter being intended to prevent thawing and freezing of the ground, which has a tendency to lift the roots. The litter may be removed in early spring and the plants should be kept well watered while growing. Liquid manure may be applied with satisfactory results. Roots planted in the fall according to these instructions will be almost certain to bloom next season.**

The J. M. McCullough’s Sons Co., Seedsmen

H. B. McCULLOUGH, President.

GEO. H. PARVIN, Vice-President.

Phone 316 WALNUT STREET CINCINNATI 316 OHIO

United States Food Administration License Number G-18737.

(Over)
ROSEN RYE.

The development of ROSEN RYE has been of high character because the growers have taken particular pains, to prevent cross fertilization and mixing with other grains.

ROSEN RYE produces a strong vigorous straw and stools to a remarkable degree. The grain is large, plump, heavy and beautiful color, commanding a premium on the market over common grain owing to its vigorous stooling property, less seed is required, three to four pecks per acre proving sufficient.

The supply of Seed is limited, consequently we urge immediate ordering before stock is exhausted,

Hope to have a trial order

The J. M. McCullough's Sons Co.

H. B. McCULLOUGH, President. GEO. H. PARVIN Vice-President.

SEEDSMEN

316 Walnut Street, Phone Main 4598 Cincinnati, O.

United States Food Administration Licence Number G--18737.