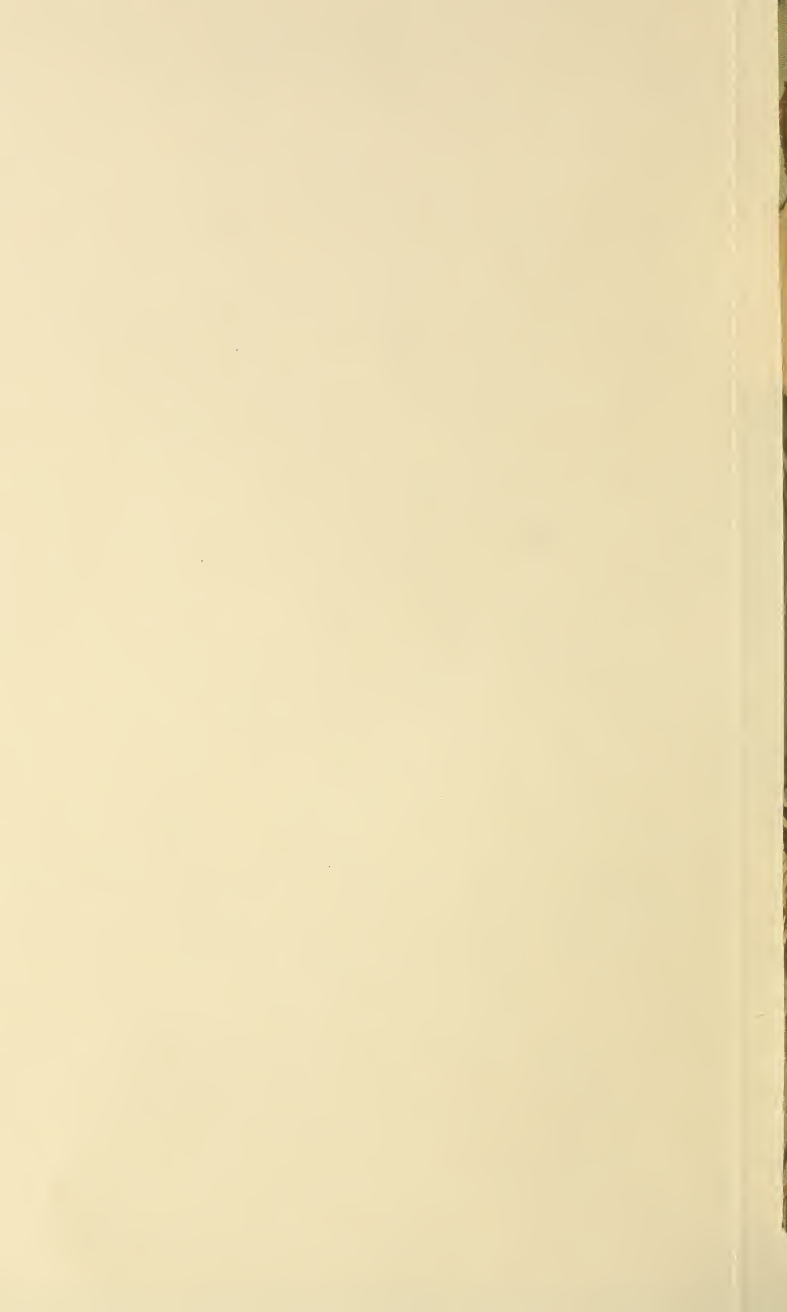


## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



6297

# How to Attract More Ducks and Other Wildlife



*"Food Is Needed For All Life"*

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## TERRELL'S

AQUATIC FARMS AND NURSERIES

Oshkosh, Wisconsin, U. S. A.

1896

33 Years Success

1929

*We Furnish Everything Needed For Food and Cover For Wild  
Life. Ask Us For Quotations On Your Needs.*

WATER MARSH AND  
LAND PLANTS TREES  
SHRUBS AND VINES  
FOR PERMANENT FOOD  
AND COVER FOR  
WILD LIFE  
—  
ORNAMENTAL PLANTS



PLACES MADE  
ATTRACTIVE TO FINE  
FURS FEATHERS  
AND FOLKS  
—  
INVESTIGATIONS  
REPORTS AND  
PLANTINGS MADE

Oshkosh, Wisconsin, U. S. A.

Dear Fellow Outdoors-man:-

Have you some favorite bit of water or marsh that you would like to make an ideal feeding and stopping place for wild ducks?

The ducks will soon come down from the North. Will they stop with you for several weeks, or just get a drink and be on their way - - or pass you by altogether? This depends largely on whether they find plenty of their favorite food. Ducks naturally stop at the best feeding places for the same reason that you pass up a poor restaurant for a good one.

We have a limited supply of the seeds of Wild Rice and other favorite foods that ducks fly hundreds of miles to find, ready for immediate shipment. This is Nature's sowing season - the ideal time for planting. Your increased enjoyment and the greater value of your property resulting from having more ducks, will repay many times the small investment in seed. These natural foods reseed year after year, so are much cheaper than baiting with grain.

From making plantings of duck foods throughout the country for the past 33 years, under a wide variety of conditions, we have learned just how these plantings should be made to insure success. To help you get the best results from your planting, I am presenting you with this little booklet. It has our long experience back of it.

You may mark order on attached order blank.

Yours for more wild ducks,

TERRELL'S AQUATIC FARMS & NURSERIES

By *Clyde B. Terrell*

CBT:AP



*Clyde B. Terrell, Specialist on Development  
Of Attractive Places for Birds, Game and Fish*



*Grown From Terrell's Giant Wild Rice Seed*

“Our Wild Rice in Spring Hole at our club preserve has reached the phenomenal height of fourteen feet. Can you beat it and where? We have proofs in photographs.”—Writes J. G. Reul, member of the Woodlawn Gun Club, Marshall County, Illinois. The photo above shows their Wild Rice, 14 feet high, grown from **TERRELL'S GIANT WILD RICE SEED**. Can you imagine what a wonderful feeding ground and excellent cover for ducks is provided by a bed of this Wild Rice?



## Attract More Ducks with Terrell's Sure-Growing Giant Wild Rice

**W**HERE Wild Rice (*Zizania Aquatica*) grows you are sure to find wild ducks swarming in to feed on this large nutritious grain. It is the best known and most important food for Mallards, Black Ducks, Widgeons, Teal, Pintails, Canada Geese and other wildfowl. Wild Rice beds are also used by the ducks in the spring as a place to hide their nests and rear their ducklings.

U. S. Biological Survey Bulletin No. 21 reports Wild Rice to be eaten by Quail and says, it also furnishes desirable cover for them. Muskellonge, Black Bass and other fish hang around Wild Rice beds.

Wild Rice reseeds itself from year to year making a permanent feeding ground.

### WHERE TO PLANT

Terrell's Giant Wild Rice is easy to grow. There are many places throughout the U. S. and Canada where it does not now grow, where conditions are favorable for growing it. Briefly stated the conditions required for successful growth of Wild Rice are fresh water streams, lakes or ponds having an outlet, fairly rich bottom, and water from 6 inches to 3 feet in depth. Sunny sheltered bays or coves where planting will not get the full current or direct wash of waves, suit it best. Wild Rice thrives in either slightly sour (acid) water as is commonly found in swamps, or in moderately alkaline waters containing lime or marl. It grows best north of a line drawn from Savannah, Georgia to San Francisco, California, although occasionally grown further south.

### SALT WATER LIMITS

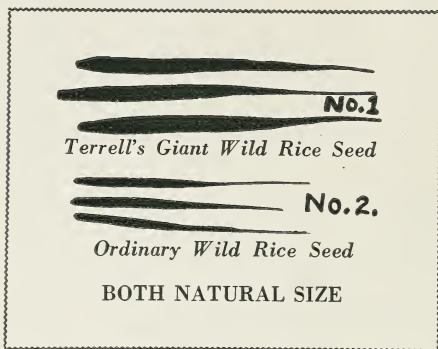
Wild Rice does not grow in water salty to taste. Near the sea-coast it grows along streams twenty to fifty miles above the point where they enter the sea, where the water ceases to be salty to taste and there is not over four feet of tide. Any spots where fresh water brooks or spring enter such streams will be more fresh and better for Wild Rice.

### GROWS WELL IN OLD TAME RICE FIELDS

Many tame rice fields found in Southeastern U. S., depending upon tides for water supply, provide suitable conditions for growing Wild Rice. On many of these old rice fields the banks are broken, allowing the free change of water that Wild Rice requires. If the banks are not broken one or more gates in the levee banks can be left open. Many sportsmen owning plantations having these old rice fields are developing splendid stopping and feeding grounds for wild ducks. We have personally investigated and planted some of these properties.

# How Terrell Produces Better Wild Rice Seed

**1.** Seed selected for large size grain. It is more than twice the size of other Wild Rice seed. One acre of Terrell's Giant Wild Rice No. 1 will produce as much food as two acres of the kind having the ordinary smaller grain (No. 2).



**2.** Terrell's supply only sure-growing Wild Rice Seed. Un-ripe, dried out or heated Wild Rice seed grows poorly or not at all. It is natural for the seed to drop off into the water when ripe. Drying kills the seed. Terrell's sure-growing Wild Rice seed is well-ripened. Heating and drying out are prevented by keeping the seed packed in our special damp cold storage.

**3.** Great care is taken to insure the seed reaching its destination in highly germinable condition. Ice is placed in the center of each package of seed, if the shipment is to encounter warm weather. Shipments are packed damp and cool in special ventilated packages, surrounded by a particular kind of moss that will retain moisture, preserve the ice and keep the shipment cool for many days. Terrell's Giant Wild Rice seed has been successfully shipped to and grown in distant lands, such as New Zealand, Sweden and Ireland. This shows that with Terrell's special methods of packing, these perishable seeds can be successfully shipped almost anywhere.



SECRETARY  
B. HUGHES  
AROB'S HIGHWAY'S  
TEMUKA

P O Box 33

TELEPHONE OFFICE 117  
RESIDENCE 147  
RANGER 84

## South Canterbury Acclimatisation Society

Urmuka. S.C.

NEW ZEALAND.  
13th February, 1928.

Mr. Clyde B. Terrell,  
Oshkosh, Wis., U. S. A.

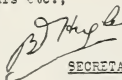
Dear Sir:-

You will be pleased to hear that we have at last been successful in acclimatising the giant wild rice. It is making quite a good showing in two low country ponds.

Our Ranger brought three or four stalks of giant wild rice to the Council meeting a few days ago and the members were astounded to see the quantity of seed which each ear contained.

We have two very large salt-water lagoons in our district and are wondering if you could recommend anything for these. From your booklet it would appear that Muskgrass or Sago Pond Plant would be suitable.

Yours etc.,

  
SECRETARY

---

SIR FREDERICK W MOORE,  
KEEPER

DEPARTMENT OF AGRICULTURE  
AND TECHNICAL  
INSTRUCTION FOR IRELAND

TELEPHONE DEPARTMENT

ROYAL BOTANIC GARDENS,  
GLASNEVIN DUBLIN

DUBLIN IRELAND. Nov. 15th  
Nov. 15th

Dear Mr. Terrell,

I am now in a position to report on the results of the plantings.

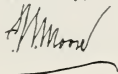
I treated the Wild Rice in various ways. I sowed it indoors, I sowed it outdoors in mud, and I scattered it in shallow water on the edge of the pond. This I did with the seed I received from you. I planted the Wapato Duck Potatoes along the margin of the pond. Of all the methods of planting the Wild Rice, scattering in shallow water and leaving it to itself proved best. We had an unusually dry warm summer which suited it well, quantities germinated and grew freely. We had it 3 to 4 feet high, a most graceful and beautiful sight when in flower.

The Wapato Duck Potatoes grew vigorously and flowered in the same pond.

I have to thank you for giving me an opportunity of making these experiments.

I am,

Yours faithfully,



When you can buy results with Terrell's Sure-growing Giant Wild Rice seed there is no need to waste time and money with seed of uncertain growing qualities.

## Giant Wild Rice

### PLACES NOT SUITABLE

**O**UR experience has been that Wild Rice will not usually grow in waters having no outlet, waters salty to taste, or strongly alkaline. Places such as are found along parts of the Mississippi, Ohio and Illinois Rivers, where the water rises and stays ten feet or more above the normal water level for several weeks during the spring floods, are usually unsatisfactory places, as the Wild Rice is drowned out by the high water. If such conditions exist in your waters, you should plant other duck foods which we furnish, (described on the following pages) that are suitable for growing in such places.

### WHEN TO PLANT

Wild Rice seed can be planted with excellent results during the fall, the natural time for planting it—Nature's sowing time.



*Wild Rice on the  
Wisconsin River  
Grown from Terrell's  
Seed.*

### HOW MUCH TO PLANT

2 bushels (60 lbs.) per acre of Terrell's sure-growing Giant Wild Rice seed should be planted to insure a good stand. If you plant a few bushels of Terrell's Giant Wild Rice seed now, this fall, it will produce a good Wild Rice bed to attract more ducks, muskrats and fish next fall. It reseeds itself year after year.

### PRICES

1000 lbs. or more 48c per lb.

100 lbs. or more 50c per lb.

1 bu. (30 lbs.) \$17.

Smaller lots 80c lb.; 92c lb. prepaid.

# Wild Rice Marshes Make Money in Muskrats



*Wild Rice Marshes produce Hundreds of  
these Valuable Fur Bearers*

**W**ILD Rice fields will support a lot of Muskrats as well as ducks. As Muskrat pelts average around \$2 each and live animals \$7.50 each, the owner of a Wild Rice marsh can make money from the sale of Muskrats for fur or breeding stock.

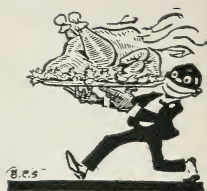
Wild Rice turns stretches of open water into grassy cover with open stretches of water here and there—just what ducks and Muskrats like for feeding, cover and breeding places. Muskrats use Wild Rice both as food and house-building material.

## WILD RICE MARSHES ATTRACT MUSKRATS

Time and again where we have planted Wild Rice we have found that lots of Muskrats were attracted. Recently at Moon Lake Wild Life Refuge near Campbellsport, Wisconsin we found lots of Muskrats working in the Wild Rice beds.

Amid the abundant Wild Rice beds on our aquatic farm at Lake Butte des Morts, about 2000 Muskrats are taken each year. We always have lots of Wild Rice and lots of Muskrats. To feed a lot of Muskrats and ducks too, it is necessary to establish good sized beds. With Muskrat pelts averaging \$2 each and live animals around \$7.50 each, it is easy and profitable to trap some Muskrats each year. Terrell's Giant Wild Rice will make your marsh support more Muskrats and therefore make it more profitable. (Prices on Page 6.)

**DO YOU LIKE  
GOOD THINGS  
TO EAT?**



## **Wild Rice for Table Use**

**THE MOST UNUSUAL, HEALTHY AND COSTLY CEREAL  
IN AMERICA—BUT COSTS NO MORE THAN A  
DISH OF ICE CREAM**

**P**HYSICIANS recommend Wild Rice as having more vitamins than any other cereal and declare it an excellent cereal to use as a breakfast food, a vegetable or dessert.

Terrell's Wild Rice For Table Use is hulled, re-cleaned and slightly parched, and has a tasty, nutty flavor unlike tame rice. A pound makes 15 servings costing about 10 cents per dish, about the same as a dish of ice cream.

### **THE ORIGINAL AMERICAN HEALTH FOOD**

Wild Rice is the original American health food having been extensively used by the Menominee and Ojibwa Indians before white men came here. The Menominee Indians take their name from the Wild Rice plant. "Menomin" is their word for Wild Rice; "Menominee" means "Wild Rice people" or "Wild Rice eaters". A Menominee Indian will not sell his Wild Rice at any price unless he has first reserved a supply for his own use. They say that nothing sold in our modern grocery store tastes as good or is as healthy for them.

### **TRY IT AT OUR RISK**

You are welcome to try a package of this unusual tasty, healthy cereal—enough for 10 dishes, at our risk. Cook similar to other cereals or try some of our favorite recipes, list of which is furnished free with each order. Just send a \$1 bill for a 10 ounce package of this unusual, tasty, healthful food, postage paid, and if not perfectly satisfied, say so, and your \$1 will be cheerfully refunded. You can buy in larger quantities at a saving.

### **PRICES**

5 lbs. or more \$1.45 per lb. Smaller quantities \$1.50 per lb. postpaid. 10 oz. Trial Package, enough for 10 servings \$1.



## Muskgrass—A Very Good Inexpensive Quick-Growing Duck and Fish Attraction.



### MUSKGRASS ATTRACTS SWARMS OF DUCKS

“The Muskgrass I planted has done very well. The ducks came in great quantity and seemed to like it very much as they stayed there constantly and were hard to drive away.”

Dr. John M. Foster, Denver County, Colo.

**M**USKGRASS (*Chara*) is a good wild duck food plant which, if planted this fall, will produce an extensive growth next summer. Dr. McAtee of the U. S. Bureau of Biological Survey, who has examined the stomachs of hundreds of Wild ducks, to find out what foods they like best, finds that Muskgrass is eaten by Mallards, Black Ducks, Pintails, Widgeon, Gadwalls, Green-wing and Blue-wing Teal, Buffleheads, Golden Eyes, Ruddy Duck, Bluebills, and Redheads. It is a favorite food with Bluebills and Pintails, and where found, often makes up a large part of their food. They feed on the foliage as well as the many little tubers which it produces.

Muskgrass is one of the best cover and food producers for fish, especially young bass. (See page 22). It will make your waters produce more fish. If you raise decoys or tame ducks, Muskgrass will produce an abundance of cheap food for them.

### WHERE TO PLANT

Muskgrass is easy to plant. Just scatter the “seed” (oogonia) covered plants. It grows rapidly and will grow over very poor sandy soil. It thrives in marl lakes and alkali or slightly salty waters, where many other plants will not grow, as well as in fresh waters. However, the water must contain some lime. If shells, which require lime, are common in your waters, this would indicate that there is lime in the waters, which makes the conditions satisfactory for growing Muskgrass. Muskgrass grows well in all parts of the U. S. and in the Canadian provinces. It grows entirely beneath the water, growing to a height of four inches to one foot above the bottom.

## *Muskgrass For Ducks and Fish*



### MUSKGRASS PLANTED ONLY IN FALL

Terrell's Muskgrass is harvested and shipped only during late summer and fall when the plants are covered with many "seed spores" or oogonia by means of which the plants reproduce. Only freshly gathered plants well covered with these "seed spores" are furnished. Without these "seed spores" the Muskgrass would not reproduce. Shipments are carefully packed in well-ventilated containers so that the Muskgrass goes through in first class condition. Plant 4 or 5 bushels per acre now and next season you will have lots of food for ducks and fish. Now ready. Be sure of getting your supply by sending in your order now.

#### PRICES

Plants covered with "seed" oogonia—\$6 per bushel. 1 BUSHEL FREE with every 5 bushel ordered, if no other special offers are applied.

### Terrell's Natural Duck Bait

Contains Rice, Wild Duck Millet and other Duck Food seeds.

If you want a cheap bait to attract more ducks this fall and until your plantings get well started, scatter this bait in shallow water around the shores. Replace it as often as eaten. This Bait is superior to all others as it contains a large proportion of wild rice and wild duck millet seed, the natural foods of wild ducks. We can make a low price on this bait because any duck food seed showing inferior germination which we never sell for planting, goes into this bait. Considerable of the Wild Duck Millet will grow. Would you like to try a few hundred pound sacks?

PRICES—100 lbs. \$10.00; 500 lbs. or more, 9c a lb.; May be sent by freight.



*Ducks on a Lake where Terrell's Foods Were Planted.*



## Floating Brownleaf Pond Plant for Ducks and Fish

Thrives Almost Anywhere—No Transplanting Required

**F**LOATING Brownleaf Pond Plant (*Potamogeton natans*) seeds resemble heads of wheat. A bed of these plants produce as much duck food as so much wheat. These seeds are favorite food of such ducks as Mallards, Black Ducks, Teal, etc. Floating Brownleaf Pond Plant also makes an ideal shelter and food-producing plant for fish. One almost always finds fish around beds of this plant.

The seeds and the brownish-colored oval leaves about two inches long, lie on the surface of the water. They do not grow above the surface.

### WHERE TO PLANT

Floating Brownleaf Pond Plant is a very hardy plant growing under a wide range of conditions. Grows from coast to coast in U. S. and Southern Canada. It will thrive in most any waters, fresh acid or alkaline waters, from 1½ to 5 feet in depth, on a mud, sandy, clay or marl bottom, but should be planted in places having a slight protection from heavy wash of waves.

### PLANT IN THE FALL

This seed is obtained only for a short time during late summer and fall, and customers who desire to get some, should order **AT ONCE**. 40 lbs. of seed should be planted per acre. This is the natural planting time. Planted now the seed will lie dormant over winter and get an early start in the spring.

PRICE—Seed \$1.50 per pound.

## Duck Corn—Wampee (*Peltandra virginica*)

**A**TTRACTS Wood Ducks. Produces large quantity of kernels similar to kernels of corn. Grows in acid swamps, marshy places, and shallow water. Does well in South. Will endure some shade, growing among trees where difficult to get other duck foods to grow.

Plant 10 lbs. seed per acre. Fall shipment.

PRICE—\$1 per pound. You can plant a whole acre for \$10.

# Sure Growing Wild Celery for Diving Ducks and Fish

**W**ILD Celery is an ideal wild duck food that grows in deeper waters than Wild Rice. Also excellent cover and food producer for young fish.

Over forty years ago John K. Terrell, founder of Terrell's Aquatic Farm, brought our stock of Wild Celery from Chesapeake Bay and planted it in our waters. This Wild Celery has been the cause of attracting thousands of Canvasbacks, Red-heads and Bluebills to the neighborhood of Terrell Island on Lake Butte des Morts. These ducks feed on its tender white runners and buds even in 10 or 12 feet of water. Mallards, Pintails, Widgeons and other shallow water feeders steal it from Mr. Canvasback when he brings it to the surface or feed on it where it grows in shallow water.

## WILD CELERY ATTRACTS SWARMS OF DUCKS WHEREVER IT GROWS

Wild Celery always attracts swarms of ducks wherever it is found as for example at Chesapeake Bay, Susquehanna Flats (Maryland), Currituck Sound, (North Carolina), marshes bordering on Lake Erie, St. Johns River (Florida), or St. Clair Flats (Ontario).

## EXCELLENT FOR FISH

In addition to being a splendid wild duck food, Wild Celery furnishes excellent food and shelter for fish. These plants support countless numbers of minute insect and animal life which fish depend upon for food. Fish also eat portions of the plants themselves. A bed of Wild Celery will keep your waters pure and clear and well oxygenated, which is important for fish life. The plants provide shelter and hiding places for young fish, where they can escape from their enemies, assuring many more of them reaching maturity.





## *Wild Celery For Ducks And Fish*

### WHERE AND WHEN TO PLANT

Almost any fresh water lake, pond or stream, containing a little lime as indicated by presence of shells, with a depth of 2 to 12 feet of water, and sand, mud or loam bottom, provides the right conditions for growing Wild Celery. This is a submerged plant growing entirely beneath the surface of the water. Deeper waters coming over it at flood times will not injure it. We have grown it successfully from Quebec to Florida and from Maine to Oregon. Wild Celery reseeds itself and spread in three ways—by runners, winter-buds (tubers), and seed which insures a continuous thrifty growth that spreads out and becomes more abundant from year to year.

### TERRELL'S WELL-RIPENED SEED PROPERLY HARVESTED AND SHIPPED, INSURES HIGH GERMINATION

Terrell's Sure-Growing Wild Celery seed is fully ripened before harvested. It is shipped in the pods, each pod containing hundreds of the tiny well-ripened seeds. The seed is shipped only when freshly gathered, during the short harvesting season in the fall. Any one who wishes to get Wild Celery seed for fall sowing, should order early to be sure to get their seed. Complete detailed planting instructions furnished with orders. 60 lbs. Wild Celery seed should be planted per acre.

### PRICES

100 lbs. or more 90 cents per lb.; 10 lbs. or more \$1 per lb.; smaller lots \$1.10 per lb.; \$1.22 per lb. prepaid.

#### WILD CELERY MAKES DUCK PARADISE

"Wild Celery bought from you, Mr. Terrell, has thrived so well as also Wapato Duck Potato, that the lake looks to me like a duck paradise."

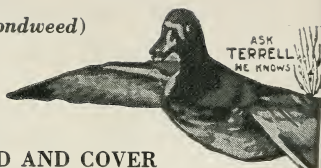
W. H. Thompson, Cuyahoga County, Ohio.



*Canvasbacks Love Wild Celery*

## Naias (*Bushy Pondweed*)

# For Mallards, Teal and Pintails



### VALUABLE FISH FOOD AND COVER

**N**AIAS (*Naias flexilis*) is an especially important food for Mallards, Pintails, Green-winged and Blue-winged Teal. These birds congregate over the Naias beds to feed on the crisp, tender plants, and the tiny brown seeds that cover these plants profusely in late summer and fall. Black Ducks, Gadwalls and Widgeon also feed eagerly on this plant whenever they can get it. Naias is also valuable for fish food and cover (see page 22).

### WHERE TO PLANT

Naias should be planted in quiet or slow-moving, fresh or slightly brackish water from 1 to 6 feet in depth, on almost any kind of bottom soil, except rocky. Does well over most of the U. S. and Canada.

### FRESHLY GATHERED, WELL-RIPENED SEED FURNISHED IN FALL

These plants must be freshly gathered for each shipment, and are gathered only when the plants are covered with the countless numbers of well-ripened small brown seeds from which it reproduces. Ready for immediate shipment. Not usually available after October 15th.

### PRICES

Plants with ripe seed—\$10 per bushel. Plant 5 bushels per acre.



# Water Cress

## FOOD FOR MAN, DUCKS AND TROUT

**W**ATER Cress (*Sisymbrium Nasturtium-aquaticum*) is a fast growing wild duck food, growing in shallow streams, springs or fountains, in water from 1 to 8 inches deep. Where waters do not freeze over, the Water Cress will remain green all winter. We have heard of Black Ducks staying at a property all winter long, living chiefly on the Water Cress growing in some open streams there.

Water Cress is also considered valuable as a food for ducks raised in captivity.

### WATER CRESS IMPROVES TROUT FISHING



Water Cress is very desirable for trout streams as it thrives in cold water and provides excellent food in the form of insect life. The plants also furnish good cover for the speckled beauties. Plant beds of Water Cress and develop some good trout holes where you can catch bigger trout. Plenty of food will insure their growing big. Very desirable for planting around hatcheries.

### HAVE YOU EATEN WATER CRESS?

Water Cress is delicious in salads and sandwiches, and with fish and meats. Served in the better hotels and restaurants. Something unusual for your table.

### EASILY GROWN

Water Cress is easily grown by planting the plant in fall. In planting simply stick the Water Cress plant roots into the soil in shallow water and mud around springs, flowing wells and shallow brooks. It will grow throughout the U. S. and southern Canada. Plant 1000 plants per acre this fall and you will soon have Water Cress beds established. Now is the time to get the plants.

**PRICES**—Plants for fall planting: 1000—\$30; 500—\$15; 300 or more \$3.50 per 100; 100—\$5.

# Wild Grape

FOOD FOR WILD DUCKS, QUAIL, RUFFED GROUSE,  
SONG BIRDS AND MEN—ORNAMENTAL TOO

**D**ID you know that when growing on banks of lakes, ponds and streams, the Wild Grape is eagerly eaten by Mallards, Black Ducks, Green-winged Teal, Pintails and Wood Ducks? The vines also offer cover for these ducks. 339 Mallards, 141 Wood Ducks, 22 Green-winged Teal and 11 Pintail stomachs examined by the U. S. Biological Survey contained Wild Grapes. These Wild Grapes are widely used and sold for jams, jellies and fruit juice.

Wild Grapes are fine food and cover-producers for Ruffed Grouse, Quail, Pheasants and song birds. For upland game birds, Wild Frost Grapes and Wild Summer Grapes can be planted along fences, over stumps, trees and around buildings, as well as along the banks of lakes and streams. Extensively used for shading and screening blinds, buildings and porches. There is nothing except the evergreens that will make such good cover for upland game birds, as these Wild Grape vines. Wild Grapes have the advantage of furnishing food as well as shelter.

## PLANT THIS FALL

Dormant vines should be planted during fall and until freeze-up.

## PRICES

Wild Summer Grapes. (*Vitis aestivalis*) grows from New Hampshire and Southern Ontario to Gulf of Mexico, west to Kansas and Texas, on dry uplands, and thickets. Fruit ripe September and October. Pleasant tasting. 2 to 3 yr. vines—100 or more 35c each; 10 for \$4.50.

Wild Frost Grape (*Vitis cordifolia*) grows from Southern New York and New Jersey South to Florida and Texas, West to Wisconsin, Nebraska and Southwest in moist thickets and along shores of lakes and streams. 2 yr. vines—1000 or more 10c each; 100—\$15; 10 for \$3.50.



*Ruffed Grouse and Quail Love Wild Grapes*



## Elderberry (*Sambucus*)

ATTRACTS QUAIL, DUCKS, AND OVER 90 OTHER BIRDS  
 VERY ORNAMENTAL

**D**UCKS, Quail, Ruffed Grouse, Mockingbirds, Robins, Bluebirds and over 90 other birds eat Elderberries. The U. S. Biological Survey in making examinations found Elderberries in the stomachs of 32 Pintails. Also eaten by other ducks. Good for ornamental planting around homes and summer cottages. Grows in moist as well as dry ground. Thrives over entire U. S. and Canada.

**RED-BERRIED ELDER** (*Sambucus racemosa*)—Has large clusters of attractive white flowers in early spring, (see illustration above) and bright orange-red berries in midsummer. Should not be eaten by mankind.

**SWEET ELDER** or **ELDERBERRY** (*Sambucus canadensis*) Has large clusters of very sweet-scented white blossoms in midsummer and deep purple or black berries in fall. This variety is edible and used for pies, jams and fruit juice. Best variety for damp places.

PRICES—EITHER KIND—(State Kind Desired)

Many people plant both varieties to bloom and furnish food at different seasons. Large 4 to 5 ft. shrubs properly matured for fall planting—produce flowers and berries first year: 3—\$3; 10—\$8.50; 100—\$75.



Elderberries

# Sumac Attracts Quail, Ruffed Grouse Prairie Chickens, Ducks and Song Birds



## IMPORTANT WINTER FOOD

**M**ALLARDS, Black Ducks, Gadwalls and Wood Ducks eat Sumac as shown by stomach examinations made by the U. S. Biological Survey. Important winter food for Quail, Ruffed Grouse, Prairie Chicken and song birds. The seed heads extend well above the snow where they feed the birds in time of need. 90 kinds of birds feed on Sumacs. Each shrub produces many seed heads each containing about one-half cup of seed.

## WHERE IT GROWS

Sumac grows throughout the U. S. and southern Canada. Thrives on dry soil, near lakes and along streams, as well as on uplands. The feathery foliage turning red in fall and red seed heads make it very attractive for ornamental planting. It grows very fast—Sumac planted at our home has grown fully 5 feet in one season. Sumac does not usually produce seed until it is several years old, so it is better to plant larger and older shrubs such as we offer this fall. They will soon produce seed. These shrubs spread by means of seeds and runners. Fall plantings produce the best of results.

**STAGHORN SUMAC** (*Rhus typhina*), New bark velvet-like. Grows up to 40 feet high.

**SMOOTH SUMAC** (*Rhus glabra*). Smooth bark. Grows up to 20 feet high.

Neither variety is poisonous. Both equally valuable for bird food and ornament.

## PRICES—EITHER VARIETY

6 to 7 ft. large fine specimens, will soon produce seed. 3 for \$3; 10 for \$8.50; 100 for \$75.

### SUMAC IMPORTANT FOR QUAIL

(From U. S. Biological Survey Bulletin No. 21)

“Sumac bushes . . . along hedgerows and the edge of woodland . . . furnish food that is always above the snow and lasts well into spring . . . Bobwhites collected in December had made nine-tenths of their food of Sumac, having eaten from 50 to 300 berries each.”

## Large Bur Reed for Black Ducks

**T**HIS is an excellent wild duck food, producing a large quantity of kernels eagerly sought for by the ducks. It is also an odd ornamental plant.



### FOR SHALLOW WATER, SHORES OR MARSH

**BUR REED** (*Sparganium eurycarpum*) grows to a height of 4 feet, making excellent cover. Grows in marshy, muddy spots or in water up to a foot in depth.

### WHEN TO PLANT

Seed furnished for fall planting if desired, but we recommend the planting of Bur Reed roots in the spring, as the better way of getting Bur Reed established.

### PRICES

Plant 10 lbs. seed or 1,000 roots per acre. Seed for fall planting \$1.50 per lb. Roots for spring planting, 1000—\$75.; 500—\$37.50; 100—\$10.

### FREE PLANTING MATERIAL

If Bur Reed roots for spring delivery are ordered before January 1st, 20% more roots than order calls for, will be sent **FREE OF CHARGE**.

---

## Sago Pond Plant (*Potamogeton pectinatus*)

### FOR DUCKS AND FISH

**A** WELL known food and attraction for wild ducks and a splendid food and cover producer for fish. Suitable for alkali, marl or slightly salty waters as well as fresh water containing lime. Seed is sometimes sold for fall planting but we have found that quicker results are produced by planting the tubers in spring. Orders for tubers can be entered now.

### PRICES FOR SPRING DELIVERY

1000 tubers—\$45; 500—\$22.50; 100—\$6.50  
Plant 1000 tubers per acre. 20% more tubers **FREE** if ordered before January 1st.



# How to Get MORE AND BIGGER FISH



**I**F YOU want to get big fish instead of little ones, make sure the fish get plenty to eat. Fish, as well as children, need enough suitable food if they are to grow big, healthy, and full of pep. Well fed fish grow about three times as fast as half starved fish grow, according to tests made at State and Federal fish hatcheries.

You no doubt have fished in lakes where the fish never get to be very large. This as well as diseases of the fish is often due to lack of food. More food means that more fish can be produced in your waters, just as more cattle can be raised on a good pasture with plenty of food, than on a poor pasture.

## FISH NEED FOOD

If you want more, healthy and bigger fish, provide plenty of food for them by stocking your waters with frogs and crawfish, two of their favorite foods, and plant Wild Celery, Muskgrass, Wild Rice and Naias. These plants are splendid oxygenators, and water purifiers. Fish feed on parts of the plants themselves, and on the forms of small insects, shells, and animal life that these plants support. The plants also make shelter where the young fish may escape from their enemies. More food and shelter will produce many more and bigger fish for you.



# Four Important Food-Producing and Shelter Plants for Fish

## Wild Celery, Wild Rice, Muskgrass, and Naias for Fall Planting

**T**HESSE plants will help your waters to produce more and bigger fish. You will always find more fish and better fishing around beds of these plants. Mr. H. O. Preston says in an article entitled "The Scrappy Black Bass" in a recent issue of "Associated Sportsmen", "The edge of the weed beds (water plants) furnishes excellent cover, and in spots of this kind the lure should be cast."

JOHN W. TITCOMB,

Internationally eminent Fish Culturist, now Superintendent of the Connecticut Board of Fisheries and Game, writes regarding plants for fish,

"The Wild Celery (*Vallisneria spiralis*) is found to be a good oxygenator and is a desirable plant because of its early growth. It is good also for shade and shelter and is an excellent aquarium plant. The Naias (*Naias flexilis*) which is a good food producer is good for shelter, and is regarded as a fair oxygenator. The limeweed (Muskgrass) (*Chara*) is valued as a food producer, harboring the small forms that are especially good for young fish and as an oxygenator it is found remarkable. A former superintendent said that he knew of no other plant than *Chara* (Muskgrass) so productive of fish food of the sort acceptable to the young bass."

—John W. Titcomb in "Aquatic Plants in Pond Culture."

**WILD CELERY** grows submerged. Good fish food and cover. Purifies water. (Detailed description on pages 12 and 13.)

### PRICES

Freshly gathered, fully-ripened Wild Celery seed in pod now ready for shipment. 100 lbs. or more 90c lb.; 10 lbs. or more \$1 lb.; smaller lots \$1.10 lb.



## Fish Food and Shelter

**MUSKGRASS** (*Chara*) Grows submerged about 1 foot high on the bottom. Provides very good food and cover for fish, highly desirable for bass. Quick-growing, inexpensive. (Full description given on pages 9-10). Bluegills examined by Dr. A. S. Pearse of the U. S. Bureau of Fisheries had eaten large quantities of this plant, one having made 99% of its last meal of Muskgrass (*Chara*). Dr. Pearse also found it to make up as much as 20% of the food of pickeral examined.

**PRICES**—Plants with well-ripened “oogonia” (seed spores), ready for immediate shipment. Plant 5 bushels per acre. \$6 per bu.; 1 bu. FREE with each 5 bu. ordered.

**NAIAS** (*Naias flexilis*) Good fish food producer. Ideal cover for young fish. Purifies water. Grows submerged on bottom about 8 inches high. (Full description on pages 9 and 10).

**PRICES:** Plants with quantities of small ripe seeds, now ready for planting. Plant 5 bushels per acre. \$10 per bushel.

**GIANT WILD RICE** At the Sylvania Club in Upper Michigan, I noticed black bass had built their nests among Wild Rice that had been planted for them. Sheridan Jones prominent angling authority writes in “Fishing Facts” that Pickeral and Muskellonge “will be found in coves abounding in *Wild Rice*.” For information on growing Wild Rice, see pages 3 to 6.

**PRICES**—1000 lbs.—48c lb.; 100 lbs.—50c lb.; 1 bu. (30 lbs.)—\$17; smaller lots 80c lb.; prepaid 92c lb.

### PLANT MORE FOOD AND YOUR LAKE WILL SUPPORT MORE FISH

E. C. Fearnow, Superintendent of Fish Distribution  
(1924) U. S. Bureau of Fisheries, says—

“A given area of ground will furnish forage for just so many cattle, and when more are added it means less food per capita. The same rule applies to fish, and no more should be placed in a body of water than the natural food supply will maintain.”

—From “Stocking Interior Waters of the U. S.”



# LIVE FROGS AND CRAWFISH

For Bait and Stocking Purposes

## FOR FISH FOOD

**FROGS.** Leopard Frogs (*Rana pipiens*). Recommended for bass bait by leading fishing clubs, and fishing authorities. Frogs will help keep down mosquitoes. A few years ago a large real estate development company in Florida had a large consignment of frogs sent down to them for liberating in a new subdivision they were developing to help rid the locality of mosquitoes.



Regular prompt delivery from July to November. Shipment as often as desired. Medium size—about 2½ to 3 inches long stretched out.

### PRICES

Frogs 1000—\$45; 500—\$22.50; 100—\$5. F. O. B. Oshkosh, Wisconsin.

## CRAYFISH, CRAWFISH OR FRESH WATER "CRABS"

For Fish Food and Bait



These make excellent food and bait for large-mouth, small-mouth and rock bass, sunfish, bullheads, catfish, perch, brook trout and bluegills. Crawfish should be planted only in lakes containing lime which is usually indicated by the presence of shells. Prompt delivery during late summer and fall for bait or stocking waters. Weekly shipments if desired.

### PRICES

5000—\$30 per 1000; 1000—\$35; 500—\$17.50; 100—\$5.

**WE GUARANTEE** safe delivery of frogs and crawfish when shipped within 600 miles of Oshkosh, Wisconsin. We frequently ship successfully over 1,000 miles. Should any die in transit have your express agent report number dead on arrival, to us for adjustment.

One of our customers on Long Island, to whom we sent a shipment of frogs in July, wrote us as follows:

"You will doubtless be interested to know how the frogs made out on the long trip from your place to mine on Long Island. You evidently expected a death rate, for I think there must have been nearly a dozen extra frogs in the box. There was only one dead frog in the shipment and the others were in fine shape."

—Leroy Latham.

# Planting Helps Gladly Given

Helpful detailed planting instructions for each item are sent with every order. We are always glad however, to help you in suggesting what is best to plant under conditions of certain waters, if you are in doubt about it. We have had 33 years practical experience in planting these foods for wild ducks, birds, muskrats, fish and other game in various parts of the country. We have a complete line of food and cover plants for all kinds of wild life including water plants, and berry bearing trees, shrubs and vines. Something for practically every condition. Often we are able to make suggestions which help materially in getting the best results.

## PROPERTIES PERSONALLY EXAMINED

While we are always glad to give all help we can by correspondence free of charge, clubs and owners of fairly large properties will often find it to their advantage to have us personally visit and examine their properties and determine just what is best suited to their particular purpose and just where to make plantings, thus insuring the best possible results, and in many cases saving time, planting material, and money.

## PLANTINGS CARRIED OUT IF DESIRED

Services of a capable and experienced man may also be secured to make plantings. Many people use this service who want the advantage of better feeding grounds for fish and game, but who have not the time to do the work themselves, or have no person to whom they can entrust the work. This service is a good investment, for such a man, by his experience and judicious planting, can often produce better results with a much smaller amount of planting material than an inexperienced person. Those desiring to take advantage of this are invited to write to us for estimates of cost of such service, describing and giving size and location of waters.



*Terrell's Crew Planting Lake Adam, Mont.*

*What  
Brings  
Them In*

?





## Wild Celery Brings Canvasbacks! Bluebills! Redheads! Fish!

These ducks feed on Wild Celery (*Vallisneria spiralis*) in preference to other foods. Other ducks which feed on Wild Celery include the wood duck, widgeon, pintail, ruddy, bufflehead, whistler, teal, scoters, mallard and black duck. Geese, swans and coots also eat it.

Prominent fish culturists recognize Wild Celery as one of the best plants for "fish pastures." It is an ideal fish food and cover.

Wild Celery thrives in fresh or slightly brackish waters in sheltered bays, 2 to 8 feet deep. Thrives in practically all parts of United States and Canada. Easily grown from Terrell's sure-growing, well-ripened Wild Celery seed.

NOW IS THE TIME to send your order. After this short harvesting season is over, we will be unable to get more seed until another year. 60 lbs. will plant an acre. Plant now or any time before the freeze-up. See order blank for prices.

## Floating Brownleaf Pond Plant Attracts Wild Ducks and Fish!

Mallards and Black Ducks, in fact all kinds of marsh ducks, are very fond of feeding upon the seeds of the Floating Brownleaf Pond Plant (*Potamogeton natans*). Good fishing is usually found around beds of this plant.

Floating Brownleaf Pond Plant is a very hardy plant growing in northern United States and Canada. It will thrive in most any fresh waters from 1½ to 5 feet in depth, on a mud, sandy, clay or marl bottom. It grows in ponds or sluggish streams, also in open waters but produces best results in sheltered bays or coves. Seeds should be planted in late summer or fall. 40 lbs. plants 1 acre. See order blank for prices.

## Water Cress Attracts Ducks and Fish

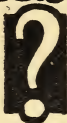
If you have a spring or fountain where water is only a few inches deep, and remains unfrozen during winter, set out a few Water Cress (*Sisymbrium*) plants. They spread rapidly and besides feeding wild ducks, trout and other fish, it makes a delightful salad for your table. See prices on order blank.



# WANT MORE DUCKS



Plant  
**TERRELL'S**  
Sure-Growing Foods



## Muskgrass—Duck and Fish Coaxer for Marl, Lime or Alkaline Waters

Muskgrass (*Chara*) is easy to plant and grows in any water containing lime, including marl lakes, alkaline or slightly salty waters.

Ducks' stomachs examined by the U. S. Bureau of Biological Survey shows Muskgrass to be eaten by Mallards, Black Ducks, Pintails, Widgeons, Teal, Gadwalls, Buffleheads, Goldeneyes, Ruddy Ducks, Bluebills, and Redheads. It is also a good food for domesticated wild ducks, being much cheaper than feeding them grain. Muskgrass grows so fast that the ducks do not feed it out. Muskgrass also makes splendid food and cover for fish.

Plant 5 bushels per acre NOW and next summer you will have plenty of food for wild ducks and fish, which will last through the fall until the freeze-up. Muskgrass is furnished for planting only for a short time in the fall. NOW is the time to plant it. See order blank for prices.

## Naias Brings Teal, Pintails and Fish

This is an important wild duck food, providing a special attraction for Pintails, Mallards, Black Ducks, Gadwalls, Widgeons and Blue and Green-winged Teal are also very fond of it. It is a submerged plant growing 6 to 10 inches above the bottom, and provides excellent food and shelter for fish.

Naias (*Naias flexilis*) grows in fresh, alkaline, or slightly salty waters, from 1 to 6 feet in depth, on almost any kind of bottom soil, except rocky. Plant 5 bushels per acre. Now ready to plant. Furnished only for a short time during the fall. See order blank for prices.

## Natural Duck Bait

A mixture of foods that wild ducks love. Scatter as required. Order a few sacks to use this fall. Low prices—see order blank.

## Wild Rice for Table Use

A delicious healthful cereal! We offer a choice, well-cleaned grade with a fine flavor. Order some and give yourself and friends a treat. See order blank for prices.



ORDER BLANK AND PRICE LIST  
Effective October 1, 1930

**TERRELL'S**  
**AQUATIC FARMS & NURSERIES**  
OSHKOSH, WISCONSIN, U.S.A.

Ship to \_\_\_\_\_  
(Full Name)

Address \_\_\_\_\_

- \_\_\_\_\_ lbs. Giant Wild Rice, selected sure-growing seed, 500 lbs. or more 48c lb.; 100 lbs. or more 50c lb.; 30 lbs. or 1 bu. \$17; smaller lots 80c lb. Post-paid at 92c lb. .... \$ \_\_\_\_\_
- \_\_\_\_\_ lbs. Wild Celery Seed, well-ripened—100 lbs. or more 80c lb.; 10 lbs. or more 82c lb.; F. O. B. Oshkosh. Smaller lots \$1 lb. postpaid. .... \$ \_\_\_\_\_
- \_\_\_\_\_ bu. Muskgrass, with well-ripened seed spores, 5 bu. \$22.50 (plants 1 acre); \$5 per bu. .... \$ \_\_\_\_\_
- \_\_\_\_\_ lbs. Floating Brownleaf Pond Plant Seed, \$1.50 per lb.; \$1.62 per lb. postpaid. .... \$ \_\_\_\_\_
- \_\_\_\_\_ bu. Najas Plants covered with ripe seed, \$10 per bu. .... \$ \_\_\_\_\_
- \_\_\_\_\_ Water Cress vigorous plants, \$30 per 1,000; 300 or more \$3.50 per 100; 100 for \$5. .... \$ \_\_\_\_\_
- \_\_\_\_\_ lbs. Natural Duck Bait, 100 lbs. for \$12; 500 lbs. or more 10c per lb.; small lots 15c lb. .... \$ \_\_\_\_\_
- \_\_\_\_\_ lbs. Choice Wild Rice for Table Use, 5 lbs. or more 80c per lb., or 90c lb. postpaid; smaller lots \$1 per lb. postpaid. .... \$ \_\_\_\_\_
- \_\_\_\_\_ lbs. Same as above, but more broken at ½ price. . \$ \_\_\_\_\_
- \_\_\_\_\_ \$ \_\_\_\_\_
- \_\_\_\_\_ \$ \_\_\_\_\_
- \_\_\_\_\_ \$ \_\_\_\_\_
- \_\_\_\_\_ \$ \_\_\_\_\_

Amount Enclosed \$ \_\_\_\_\_

**2% discount for cash with order.**

All prices F. O. B. Oshkosh unless otherwise stated.

Ordered by \_\_\_\_\_

Address \_\_\_\_\_

**PERSONAL INVESTIGATION AND PLANTING SERVICE**

While we are always glad to give all help we can by correspondence free of charge, clubs and owners of fairly large properties will often find it to their advantage to have us personally examine their properties and recommend what is best suited to the conditions, and just where to make plantings, thus insuring the best possible results.

Services of a capable and experienced man may also be secured to make plantings. Write us for estimate of cost of such service.

**WATER AND WATERFRONT PLANTING**

TEAR OFF HERE



# *Our Song Birds are Worth Millions*

THEY SAVE THE TREES,  
FRUIT AND FLOWERS

The Following Wild Song Birds will use  
Feeders:

Downy Woodpecker	Cedar Bird
Titmice	Song Sparrows
Red Birds	Swamp Sparrows
Chickadees	Flicker
Nuthatches	Redpoll
Winter Wrens	Blue Jay
Junco	Mocking Bird
Robins	Brown Creeper
Goldfinch	Hairy Woodpecker

Our Feeders are endorsed by the  
birds themselves.



Feeders are  
most accept-  
able gifts.

A never end-  
ing joy to the  
invalid or  
Child.

Feeders are Used Every Month of the Year

**POSTMASTER:** If forwarded to new address notify us on Form 3547. If not deliverable, return to us. Postage guaranteed in either case.

**TERRELL'S AQUATIC FARMS & NURSERIES**

Plants for Wild Life, Water and Water Front.

OSHKOSH, WISCONSIN, U. S. A.

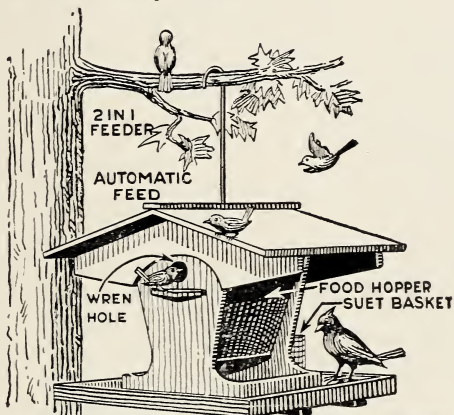


Sec. 435½ P. L. & R.

# SAVE THE SONG BIRDS

WITH OUR 2-IN-1 FEEDER

Provide your feathered friends with food during the time of stress and storm. An extreme cold spell, or a continuation of snow on the ground, means the death of thousands of song birds. Why not do your bit to help them?



**FEEDER IN WINTER. WREN HOUSE IN SUMMER**

*To hook over limb of tree. Raise roof to fill. Holds two quarts.*

*Will last for years. Made of wood. Stained brown. Size 12 x 10 x 11"*

Will attract birds from far and near in the Winter and Wrens love it for a house in the summer.

**Price Only \$2.50 Post Paid**

**TERRELL'S**

Aquatic Farms & Nurseries  
Oshkosh, Wis.

## **What is Happening to Our Supply of Migratory Waterfowl?**

The number of migratory waterfowl is rapidly decreasing. Many blame the fellow pictured at the right. He may be partly to blame but a good share of the blame lies in a different direction. Dr. Nelson, Chief of Bureau of Biological Survey, Washington, D. C., says wild ducks are starving to death, and goes on to say:

"Drainage has gone on to such an extent in the United States that the number of migratory wild fowl has reached the practical limit of available food supply, and every water area that is now drained takes away that much of the feeding grounds of these birds. It is perfectly obvious if that condition continues that we are going to continue to whittle down the supply of wildfowl, because they must have a place in which to live, no matter whether they breed there, or whether they merely use it during migration and in the winter. The supply of birds in many places is already beginning to be greater than the food supply, and they are actually starving on certain feeding grounds. This will increase, and unless there is some effort made to save the water areas the inevitable result is going to be the wiping out of our wildfowl. If the birds disappear for that cause, that ends it. You cannot bring them back."

Will Dilg, President of the Izaak Walton League of America, says:

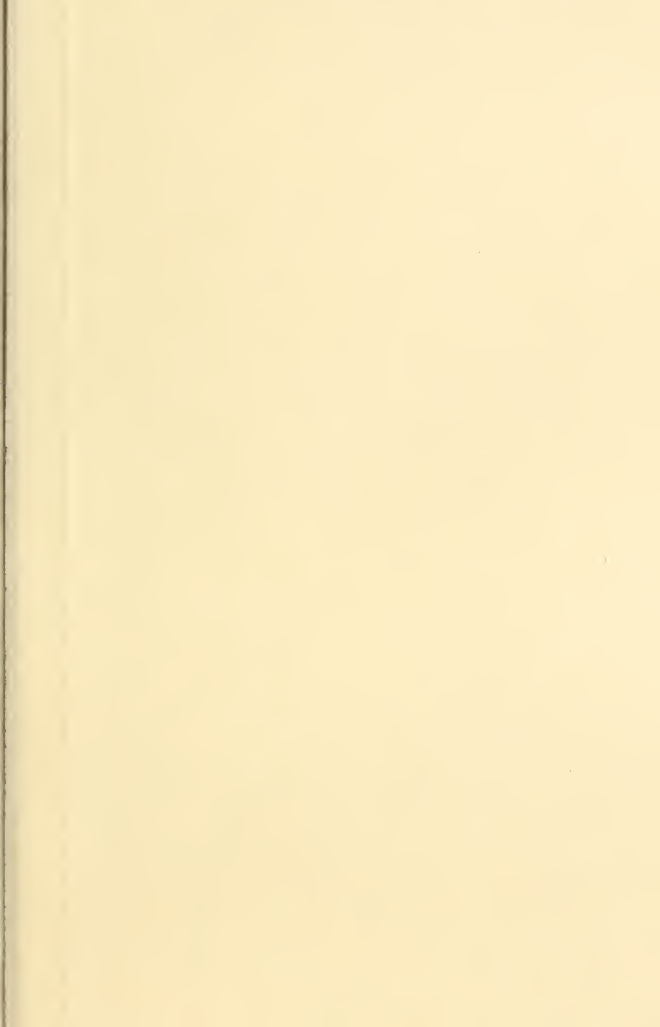
"We have drained and drained, and today we are confronted with the awful fact that we have drained an area equalling the **five Great Lakes and eleven million acres besides**. And the tragedy is that in our ignorance less than one-third of this wholesale drainage has resulted in even indifferent farmlands. We have made deserts of once lovely places in which migratory fowl and all sorts of wild life found food and resting places. Today wildfowl frequently starve during the southern and northern flights. **God forgive us for such awful stupidity!**"

**We Can Do One Thing to Make Amends—**

**Restore and Establish Natural Feeding Grounds for Our Wild Waterfowl!**



PRINTED IN U. S. A.



as "Wild Rice," and is given about the same rank as a duck food, as the Wild Rice in the North. Mallards, Black Ducks and other Marsh Ducks love it.

Wild Duck Millet grows on damp lowlands, mud flats, or on the rich damp soil along the shore, just above the water's edge. The seed may be sown broadcast.

Plant Wild Duck Millet seed now using 40 lbs. per acre. It will mature furnishing abundant food for the wild ducks next fall. The seed is inexpensive, selling at \$20. per 100 lbs; \$3.00 for 10. (No quantity less than 10 lbs. sold.) Prices F. O. B. Oshkosh.

## WAPATO DUCK POTATO

EXCELLENT ATTRACTION FOR MALLARDS AND OTHER MARSH DUCKS!

Mr. L. E. Selby of Pekin, Illinois, planted a large bed of Wapato one spring and a year or so later, wrote:

"The ducks can hardly be driven out of them after they once find the bed. The other day I was out at the club and the ducks were then setting on the ice waiting for the ice to melt so they could get at the Duck Potatoes that were left over last fall."

I told him that was fetching it pretty strong, and he then said he would take me up and show them to me. However, we have proven it to our own satisfaction.

This is your last chance to get Wapato Duck Potato tubers for spring planting. Plant now to provide food for the wild ducks next fall. 1,200 tubers plant an acre.

3,000 tubers @ \$33.00 per 1,000	500 tubers @ \$20.00
1,000 tubers @ \$35.00	100 tubers @ \$ 5.00

## CANVASBACKS! REDHEADS!

### Wild Celery

All parts of the Wild Celery are eaten by the ducks, but Canvasbacks and Redheads prefer the tender roots and tubers produced by this plant.

Where Wild Celery does not grow naturally, it is a very easy matter to establish some fine beds by planting a thousand or two of these winter-buds this spring. 1,000 winter-buds will plant an acre. Plantings should be made soon as possible.

5,000 or more winter-buds @ \$33.00 per 1,000	500 winter-buds @ \$22.00
1,000 winter-buds @ \$38.00	100 winter-buds @ \$ 5.00

### Sago Pond Plant

When everything else fails, you can usually be sure of Sago Pond Plant proving successful. It grows under almost any condition, fresh or brackish, landlocked or running waters from one and one-half to six feet deep.

All kinds of ducks love it and feed on it from early until late fall, and in the North, only the freeze-up will drive them out.

We are shipping out Sago Pond Plant tubers for planting now. Five hundred or a thousand of these planted now, will insure you of more ducks in the future. This is the last call for spring planting.

1,000 tubers @ \$60.00	100 tubers @ \$ 7.50
500 tubers @ \$35.00	

Complete instructions for planting furnished with all orders. All prices F.O.B. Oshkosh

### Wild Rice

Wild Rice as you know, is an excellent food for the marsh ducks. *We have no more of this seed for this spring's planting, as the demand has exceeded the supply by far.*

The best advertisement we have for our Wild Rice Seed is that the demand for it increases each year, and always exceeds the supply. People can rely on Terrell's guaranteed planting materials and will take no others.

We are now booking orders for fresh germinable seed for fall sowing. Delivery about September 1st. 10 per cent Discount on all orders entered before that date.

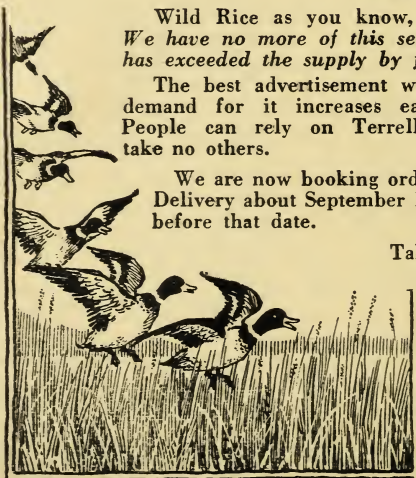
Take no substitute—Get

## TERRELL'S Giant Wild Rice Seed

Prices for fall delivery—

\$75.00 per 100 lbs.
80c per lb. in lots of 25 lbs. or more.
85c per lb. in smaller lots.
95c per lb. prepaid

Order Early To Avoid Disappointment





# CULTURAL DIRECTIONS

These hardy outdoor Ferns do not make satisfactory house plants; they will best in shade or half shady spots in the garden and mixed in between shrubs in foundation planting on the east and north sides of buildings. Some of these, like the Cunda, Claytoniana, Lady and Sensitive Fern and Ostrich Fern will do reasonably well in considerable direct sunlight but will fade earlier than when planted in shade or half shade. They do best in light soil containing much vegetable matter or humus and covered with rotting wood shavings, peat or straw, which keep them from sprouting too early in the spring preventing a late night frost from killing the young fronds.

Hardy Ferns should be planted when dormant any time between Sept. 1st and July 1st. They prefer a settled foundation and cool feet, consequently they do better the first year when planted in the fall. If late spring planting is followed by a hot summer the fronds are likely to dry up in the middle of the summer the first season unless artificial watering can be given in abundance.

**SOILS**—Do not apply fresh manure nor artificial or commercial fertilizer.

These roots are not immature light mail order plants, but strong well established not less than 5 year old plants, with a lot of vitality stored up in their roots which will keep them alive for a long time under adverse conditions. This refers especially to the Ostrich, the Osmundas, the Goldies and Lady Ferns.

**WE CAN FURNISH THE FOLLOWING HARDY FERNS AT 50c EACH  
FIVE OF ONE VARIETY FOR \$1.50**

**Prepaid by Parcel Post**

- Adiantum Pedatum (Maidenhair fern), 12—18 inches.
- Aspidium Acrosticoides (Dagger fern), 10—15 inches.
- Aspidium Christatum (Chrested fern, evergreen), 10—15 inches.
- Aspidium Christatum (var. Clintoniana, evergreen), 15—25 inches.
- Aspidium Goldiana (Goldies Wood fern), 25—35 inches.
- Aspidium Thelypteris (Marsh Shield fern), 10—15 inches.
- Asplenium Felix Fæmina (Lady fern), 15—35 inches.
- Dicksonia Punctilobula (Hayscented fern), 12—18 inches.
- Onclea Sensibilis (Sensitive fern), 10—35 inches.
- Onclea Strutioperis (Ostrich Plume fern), 25—50 inches.
- Osmunda Cinnamomea (Cinnamon Colored fern), 20—40 inches.
- Osmunda Claytoniana (Interrupted or Flowering fern), 20—35 inches.
- Osmunda Regalis (Royal fern), 20—35 inches.
- Thegopteris Dryopteris, 4—6 inches.
- Polypodium Vulgare (Rock fern), 5—12 inches.

Ferns give best effect in groups with five or more of one variety.

**50 Ferns, your selection, in any 5 varieties for \$10.00 by express not prepaid.**

We also offer the following special collections, carriage prepaid, for \$5.00 or one half for \$3. By express, not prepaid, each collection \$4.00, or any one-half \$2.25. On all four collections, 84 ferns in all, for \$15.00.

You can order by number and say one or one-half collection and we will make no mistake. We have these ferns dormant almost up to July 1st.

- No. 1.** General collection of the three varieties that have given universal satisfaction under all conditions anywhere, 8 Ostrich Plume, 4 Osmunda Claytoniana, 8 Lady Ferns.
- No. 2.** Special for dry, shady places, 10 Dagger Fern, 6 Hayscented, 6 Claytoniana.
- No. 3.** For moist, shady places, 4 Maiden Hair, 4 Christmas Fern, 4 Ostrich Plume, 4 Cinnamon, 4 Lady Fern.
- No. 4.** For wet ground, 4 Marsh Shield Fern, 10 Sensitive Fern, 6 Royal Fern, Clintoniana.

We shall be pleased to quote you special prices in lots of one hundred, one thousand and ten thousand—not prepaid.

**TERRELL'S AQUATIC FARM**  
**OSHKOSH, WISCONSIN**



## MALLARDS! BLACK DUCKS! Wild Duck Millet

This plant is popularly known throughout the famous wildfowl resorts of the South, as "Wild Rice," and is given about the same rank as a duck food, as the Wild Rice in the North. Mallards, Black Ducks and other Marsh Ducks love it.

Wild Duck Millet grows on damp lowlands, mud flats, or on the rich damp soil along the shore, just above the water's edge. The seed may be sown broadcast.

Plant Wild Duck Millet seed now using 40 lbs. per acre. It will mature furnishing abundant food for the wild ducks next fall. The seed is inexpensive, selling at \$20. per 100 lbs; \$3.00 for 10. (No quantity less than 10 lbs. sold.) Prices F. O. B. Oshkosh.

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EXCELLENT ATTRACTION FOR MALLARDS AND OTHER MARSH DUCKS!

Mr. L. E. Selby of Pekin, Illinois, planted a large bed of Wapato one spring and a year or so later, wrote:

"The ducks can hardly be driven out of them after they once find the bed. The other day I was out at the club and the ducks were then setting on the ice waiting for the ice to melt so they could get at the Duck Potatoes that were left over last fall."

I told him that was fetching it pretty strong, and he then said he would take me up and show them to me. However, we have proven it to our own satisfaction.

This is your last chance to get Wapato Duck Potato tubers for spring planting. Plant now to provide food for the wild ducks next fall. 1,200 tubers plant an acre.

3,000 tubers @ \$33.00 per 1,000  
1,000 tubers @ \$35.00

500 tubers @ \$20.00  
100 tubers @ \$ 5.00

## CANVASBACKS! REDHEADS! Wild Celery

All parts of the Wild Celery are eaten by the ducks, but Canvasbacks and Redheads prefer the tender roots and tubers produced by this plant.

Where Wild Celery does not grow naturally, it is a very easy matter to establish some fine beds by planting a thousand or two of these winter-buds this spring. 1,000 winter-buds will plant an acre. Plantings should be made soon as possible.

5,000 or more winter-buds @ \$33.00 per 1,000  
1,000 winter-buds @ \$38.00

500 winter-buds @ \$22.00  
100 winter-buds @ \$ 5.00

## Sago Pond Plant

When everything else fails, you can usually be sure of Sago Pond Plant proving successful. It grows under almost any condition, fresh or brackish, landlocked or running waters from one and one-half to six feet deep.

All kinds of ducks love it and feed on it from early until late fall, and in the North, only the freeze-up will drive them out.

We are shipping out Sago Pond Plant tubers for planting now. Five hundred or a thousand of these planted now, will insure you of more ducks in the future. This is the last call for spring planting.

1,000 tubers @ \$60.00  
500 tubers @ \$35.00

100 tubers @ \$ 7.50

Complete instructions for planting furnished with all orders. All prices F.O.B. Oshkosh

## Wild Rice

Wild Rice as you know, is an excellent food for the marsh ducks. *We have no more of this seed for this spring's planting, as the demand has exceeded the supply by far.*

The best advertisement we have for our Wild Rice Seed is that the demand for it increases each year, and always exceeds the supply. People can rely on Terrell's guaranteed planting materials and will take no others.

We are now booking orders for fresh germinable seed for fall sowing. Delivery about September 1st. 10 per cent Discount on all orders entered before that date.

Take no substitute—Get

## TERRELL'S Giant Wild Rice Seed

Prices for fall delivery—

\$75.00 per 100 lbs.  
80c per lb. in lots of 25 lbs. or more.  
85c per lb. in smaller lots.  
95c per lb. prepaid

Order Early To Avoid Disappointment



TERRELL'S AQUATIC FARM,

OSHKOSH, WISCONSIN



FOUNDATION PLANTING OF HARDY FERNS



OSTRICH PLUME FERN

## A FERN BED FOR ONLY \$5

We Offer Prepaid by Parcel Post for \$5

8 Ostrich Plume Ferns.

8 Lady Ferns.

4 Osmundas.

One-half assortment. 10 ferns, for \$3.00.

One-fourth assortment, 5 ferns, for \$1.75.

Any one fern for 50c.

Hardy outdoor Ferns grow best in the shade or half shade and will do well in the border. They are just the thing for that shady place around your house where most flowers will not do so well.

Of all the Hardy Ferns the Ostrich Plume, also called the Palm of the North, is perhaps the best as it grows the tallest and fastest of any Fern. It often has as many as fifteen fronds gracefully arranged, presenting an object more beautiful than many varieties of palms. The fronds under favorable conditions attain a length up to four feet.

Lady Fern is an extremely variable one, growing in all sorts of situations from low, moist woodlands and shaded stream banks to dry woods and bushy clearings, but to develop its best forms it wants partial shade and a reasonable amount of moisture in the spring. The Lady Fern is a distinct different type from the Ostrich and Osmunda.

The Interrupted Fern, known also as Claytons or Flowering Fern is considered one of the finest species for outdoor cultivation. It is highly individual in form and bearing and is superbly graceful. This variety will also do well in open places and on rocky banks.

These three Ferns represent three distinct different types, not easily killed by neglect or mistreatment. Planted in groups among shrubbery, each variety separate, they come perhaps nearer to imitate their natural haunts than by artificial arrangement in a formal garden.

# CULTURAL DIRECTIONS

These hardy outdoor Ferns do not make satisfactory house plants; they will do best in shade or half shady spots in the garden and mixed in between shrubs in foundation planting on the east and north sides of buildings. Some of these, like the Osmunda, Claytoniana, Lady and Sensitive Fern and Ostrich Fern will do reasonably well in considerable direct sunlight but will fade earlier than when planted in shade or half shade. They do best in light soil containing much vegetable matter or humus and covered with rotting wood shavings, peat or straw, which keep them from sprouting too early in the spring preventing a late night frost from killing the young fronds.

Hardy Ferns should be planted when dormant any time between Sept. 1st and July 1st. They prefer a settled foundation and cool feet, consequently they do better the first year when planted in the fall. If late spring planting is followed by a dry hot summer the fronds are likely to dry up in the middle of the summer the first season unless artificial watering can be given in abundance.

**SOILS**—Do not apply fresh manure nor artificial or commercial fertilizer.

These roots are not immature light mail order plants, but strong well established, not less than 5 year old plants, with a lot of vitality stored up in their roots which will keep them alive for a long time under adverse conditions. This refers especially to the Ostrich, the Osmundas, the Goldies and Lady Ferns.

## WE CAN FURNISH THE FOLLOWING HARDY FERNS AT 50c EACH FIVE OF ONE VARIETY FOR \$1.50

Prepaid by Parcel Post

- Adiantum Pedatum (Maidenhair fern), 12—18 inches.
- Aspidium Acrosticoides (Dagger fern), 10—15 inches.
- Aspidium Christatum (Chrested fern, evergreen), 10—15 inches.
- Aspidium Christatum (var. Clintoniana, evergreen), 15—25 inches.
- Aspidium Goldiana (Goldies Wood fern), 25—35 inches.
- Aspidium Thelypteris (Marsh Shield fern), 10—15 inches.
- Asplenium Felix Femina (Lady fern), 15—35 inches.
- Dicksonia Punctilobula (Hayscented fern), 12—18 inches.
- Onoclea Sensibilis (Sensitive fern), 10—35 inches.
- Onoclea Strutiopteris (Ostrich Plume fern), 25—50 inches.
- Osmunda Cinnamomea (Cinnamon Colored fern), 20—40 inches.
- Osmunda Claytoniana (Interrupted or Flowering fern), 20—35 inches.
- Osmunda Regalis (Royal fern), 20—35 inches.
- Thegopteris Dryopteris, 4—6 inches.
- Polypodium Vulgare (Rock fern), 5—12 inches.

Ferns give best effect in groups with five or more of one variety.

50 Ferns, your selection, in any 5 varieties for \$10.00 by express not prepaid.

We also offer the following special collections, carriage prepaid, for \$5.00 or one-half for \$3. By express, not prepaid, each collection \$4.00, or any one-half \$2.25. Or all four collections, 84 ferns in all, for \$15.00.

You can order by number and say one or one-half collection and we will make no mistake. We have these ferns dormant almost up to July 1st.

- No. 1. General collection of the three varieties that have given universal satisfaction under all conditions anywhere, 8 Ostrich Plume, 4 Osmunda Claytoniana, 8 Lady Ferns.
- No. 2. Special for dry, shady places, 10 Dagger Fern, 6 Hayscented, 6 Claytoniana.
- No. 3. For moist, shady places, 4 Maiden Hair, 4 Christmas Fern, 4 Ostrich Plume, 4 Cinnamon, 4 Lady Fern.
- No. 4. For wet ground, 4 Marsh Shield Fern, 10 Sensitive Fern, 6 Royal Fern, 4 Clintoniana.

We shall be pleased to quote you special prices in lots of one hundred, one thousand and ten thousand—not prepaid.

## TERRELL'S AQUATIC FARM

### OSHKOSH, WISCONSIN

# Attract Wild Ducks

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TERRELL'S AQUATIC FARMS & NURSERIES,  
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## Guarantee, Terms, Shipments, Etc.

Most seedsmen make no guarantee of their seeds. However we furnish only seed of the highest germination, and when planted under suitable conditions, we do not expect that any one will have cause for complaint. We make the following guarantee:

If any of our planting materials should fail to produce what the purchaser considers a satisfactory growth after giving the planting sufficient time to establish itself, we GUARANTEE to replace it at half-price or send an equal value at half-price of other planting material selected from our current price list.

**SHIPMENTS** of these seeds except Bur Reed and Duck Bait should be made by Express, so they will reach their destination quickly and in the best condition for planting. Second Class Rates, which are about 25% lower than first class, are secured on these seeds and dormant roots or tubers. If you have no Express Office we can ship by Parcel Post if desired. If you wish shipment to be sent by Parcel Post or Prepaid Express send 12c per pound to cover transportation charges. (This does not apply to foreign countries except Canada).

PRICES HEREIN EFFECTIVE SEPTEMBER 15, 1929.

**PRICES** quoted are in terms of American money and do not include payment of transportation charges unless so stated. Terms: C. O. D. or 2% discount for cash with order.

**FOREIGN PRICES.** Prices on materials shipped to foreign countries other than to Canada, 25% higher than quoted, to cover special packing, customs papers and arrangements necessary on such shipments.

**REFERENCES**— City National Bank, First National Bank, Chamber of Commerce, all of Oshkosh, Wisconsin; R. G. Dun & Co., Reference Book; Leading Outdoor Magazines; State Fish and Game Commissioners of Wisconsin, Montana, Iowa, Pennsylvania and Indiana; American Game Protective Association, Woolworth Building, New York City; National Association of Audubon Societies, 1974 Broadway, New York City; Glen C. Leach, Bureau of Fisheries, Washington, D. C.; Izaak Walton League, 549 W. Randolph Street, Chicago, Ill.

Address All Communications to

CLYDE B. TERRELL or

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.....lbs. Giant Wild Rice Seed, 1000 lbs. or more  
48c lb.; 100 lbs. or more 50c lb.; 30 lbs. or 1  
bu. \$17.; smaller lots 80c lb.; prepaid 92c lb. \$.....

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IS  
NATURE'S  
SOWING  
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