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# VAUGHAN'S HIGH-GRADE FERTILIZERS

Prices for Florists F. O. B. New York on ton lots. Cartage charged on smaller quantities.  
**The Yield and Quality of Vegetables Depend Upon Continuous and Rapid Growth**

It has been demonstrated that market-garden crops of the best quality are those which are grown under conditions which permit of a continuous and rapid development. Any delay in the growth of a lettuce or radish causes that sharp and pungent flavor of the former and the bitterness and toughened fibre of the latter, beets become stringy, etc. Plant food of the right amount and kind controls the yield and quality of market-garden products more than

any other condition, and it is neither wise nor economical to depend upon the natural condition of the soil or the application of stable manure only for profitable crops.

 Prices are unsettled. In case market declines, orders will be filled at market prices and difference refunded.

## VAUGHAN'S LAWN AND GARDEN FERTILIZER

A very desirable high-grade all-around fertilizer. There is sufficient ammonia to give the young plants a quick and vigorous start and maintain a healthy growth. Grass and early garden truck need lots of phosphoric acid, which this supplies. For lawns, make first application in the early spring when frost is out of the ground, distribute evenly 25 pounds of fertilizer to every 1,000 square feet of lawn. In seeding down a new lawn, scatter double the amount, 50 pounds of fertilizer in every 1,000 square feet; rake thoroughly, then sow seed.

5 lbs., 45c; 10 lbs., 75c; 25 lbs., \$1.15; 50 lbs., \$2.10; 100 lbs., \$3.75; 500 lbs., \$16.75; 1,000 lbs., \$32.50; 2,000 lbs., \$60.00.

## VAUGHAN'S 3-8-1 FERTILIZER.

This brand has been especially prepared for such crops as require a quick, strong fertilizer; should be mixed well into the soil. Adapted for tobacco, hops, potatoes, flax, sugar beets, early cabbage, cauliflower, celery, fruits, especially strawberries, suitable for all soils (except sour). Quantity of pounds to be used per acre: Corn, 300 to 500; Clover, 200; Timothy, 200; Pasture, 200 to 600; Early Cabbage and Melons, 400 to 800; Peas, 400 to 800; Pumpkin and Squash, 300 to 600; Radish and Spinach, 500 to 1000. Price, 25 lbs., \$1.10; 50 lbs., \$1.85; 100 lbs., \$3.20; 500 lbs., \$14.50; 1000 lbs., \$27.00; 2000 lbs., \$50.00.

## PURE RAW BONE

Coarse ground. (Ask us for sample.) This material appeals to every florist that has used it. Note high guaranteed analysis and special low price.

Price, per 100 lbs., \$4.00; 500 lbs., \$17.50; 1000 lbs., \$32.00; ton, \$60.00.

## BONE, BLOOD AND POTASH

### Fertilizer Mixture 5-8-7 Per Cent Analysis

This is our best brand of concentrated manure; excellent for mixing into potting soil or as a top dressing. It is a money-maker. For potting soil, use about 20 pounds to a cubic yard of soil, and for the dressing scatter it about as thick as lawn grass is sown, after loosening the surface of the soil. It is excellent for Carnations if applied by the end of October or in November. It can also be applied as a liquid manure by using an 8-inch potful to a barrel of water. 25 lbs., \$1.20; 50 lbs., \$2.10; 100 lbs., \$3.70; 500 lbs., \$16.50; 1,000 lbs., \$31.00; 2,000 lbs., \$57.00.

## BONE AND BLOOD.

For Cabbage, Cauliflower, Corn and other crops of big surface growth; not desirable for root crops except it is used in connection with potash, salts, or hardwood ashes, and if so used it is especially adapted to fruits, if applied early. For garden crops use 300 to 500 lbs. per acre. Price, 25 lbs., \$1.10; 50 lbs., \$1.95; 100 lbs., \$3.40; 500 lbs., \$15.00; 1000 lbs., \$28.00; 2000 lbs., \$52.00.

### FERTILIZER MIXTURE 2-8-1

For fruit trees and small fruits, garden truck, tobacco, etc. Quick in starting, lasting in effect, giving firm, healthy growth and developing the fruit. Quantity of pounds to be used per acre: Beet, 500 to 1500; Carrot, 300 to 800; Parsnip, 400 to 1000; Potato, 500 to 1000; Sage, 200 to 600; Salsify, 500 to 1000; Turnip, 500 to 1000; Blackberries, 400 to 800; Grapes, 400 to 500; Strawberries, 500 to 1000. Price, 25 lbs., 80c; 50 lbs., \$1.50; 100 lbs., \$2.65; 500 lbs., \$12.00; 1000 lbs., \$22.00; 2000 lbs., \$38.00.

## DRIED BLOOD.

For top-dressing, for mixing with the soil, and for applying in liquid form, it is one of the best and safest nitrogenous fertilizers. It is splendid for roses, carnations, chrysanthemums and all kinds of pot plants.

Price, 100 lbs., \$6.40; 500 lbs., \$29.50; 1000 lbs., \$57.00; ton, \$110.00.

## ACID PHOSPHATE.

Fourteen per cent available. Animal or bone phosphate the most available form. Used on grain crops and others requiring an excessive amount of phosphoric acid.

Price, 25 lbs., 70c; 50 lbs., \$1.15; 100 lbs., \$2.10; 500 lbs., \$8.00; 1000 lbs., \$14.00; 2,000 lbs., \$24.00.

## HARDWOOD ASHES.

This is also a splendid fertilizer for the lawn and garden, containing all of the fertilizing elements except nitrogen. If used on the lawn at the rate of a ton or more per acre as a first application, and annual dressing of three hundred pounds afterwards, will insure a thrifty growth of dark color, exemption from ill effects of dry weather and freedom from weeds. Price, 25 lbs., 85c; 50 lbs., \$1.50; 100 lbs., \$2.75; 500 lbs., \$10.00; 1000 lbs., \$19.00; 2000 lbs., \$33.00.

## HORN SHAVINGS

A Quick-acting and lasting fertilizer for all bench and pot plants. Price, 25 lbs., \$2.25; 50 lbs., \$4.00; 100 lbs., \$7.00; 500 lbs., \$32.00.

## HUMUS "Hyper Humus" Brand.

Packed in 100-lb. wooden cases which we have found the only satisfactory container. Price, per case, \$3.50; 5 cases, \$3 25 each.

## PULVERIZED LIMESTONE.

The agricultural value of lime has been known for centuries, it is an economic neutralizer for soil acidity, also beneficial to the soil in many other ways; it improves the texture of the soil, lets in air and moisture liberates nitrogen and other plant food, makes your soil sweet—enlivens it—that is, makes conditions favorable to plant growth by giving life to the soil bacteria which make it productive. Lime will be found very beneficial in the growing of all garden crops, fruit trees and flowers. Try it on the lawn too. Apply after the land is plowed or dug for a crop, scattering with a lime distributor, 2 tons or more per acre, or by hand in small gardens—about a large handful to a square yard. Packed in cotton sacks—not paper.

Price, 10 lbs., 40c; 25 lbs., 75c; 50 lbs., \$1.25; 100 lbs., \$1.75; 500 lbs., \$6.50; 1000 lbs., \$10.00; 2000 lbs., \$18.00.

## VAUGHAN'S "ROSE GROWER" BONE MEAL.

This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. Free from acid, and a superb article. It is made from bone accumulated in large slaughter houses, and should not be compared with the Bone Meal made from cattle heads and feet gathered upon the Western prairies. Our "Rose Grower" Bone has been slightly steamed to soften it and is thus quicker in its action. Analysis: Ammonia  $4\frac{1}{2}$  to  $5\frac{1}{2}$  per cent; total phosphoric acid, 22 to 25 per cent; bone phosphate, 48 to 54 per cent. Price, 5 lbs., 55c; 10 lbs., 95c; 25 lbs., \$1.55; 50 lbs., \$2.85; 100 lbs., \$5.25; 500 lbs., \$24.50; 1000 lbs., \$45.00; 2000 lbs., \$85.00.

Quantity Required.—For permanent pasture and mowing lands  $\frac{1}{2}$  to 1 ton per acre; for trees and vines, 2 to 4 quarts each; for top-dressing, 1000 to 1500 lbs. per acre; rose beds and plants, 1 part to about 50 of soil; for starting a new lawn, as a base, 3 to 5 lbs. per 100 square feet.

REGULAR BONE MEAL. 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.00; 500 lbs., \$18.50; 1000 lbs., \$35.00; 2000 lbs., \$66.00.

## VAUGHAN'S SHEEP MANURE

This is a pure, natural Manure, and its effect is immediate; it is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. Strew over and dug into the vegetable garden or placed directly in drills or hills, it promotes a rapid, steady growth until maturity. It makes the richest, safest and quickest Liquid Manure. For use in liquid form, one pound to five gallons of water will make a liquid which can be used with safety daily if necessary.

Price, 25 lbs., \$1.30; 50 lbs., \$1.90; 100 lbs., \$3.10; 500 lbs., \$15.00; 1000 lbs., \$28.00; 2000 lbs., \$52.00.

## NITRATE OF SODA or Chili Saltpeter.

Nitrate of Soda is not a substitute for other Manures, but we recommend it as the cheapest and best form in which to apply Nitrogen to plants. Gardeners who are using farm manure should continue to use it, but use Nitrate of Soda in addition to other fertilizers. If your object is to grow maximum crops you must furnish the plant with Nitrogen.

For the Home Garden apply as a solution one ounce to two gallons of water. Price (subject to market changes) 25 lbs., \$1.55; 50 lbs., \$2.60; 100 lbs., \$4.70; 500 lbs., \$23.00; 1000 lbs., \$42.00. Write for prices on larger quantities.

## MURIATE OF POTASH

Potash is essential in all soils for indoor and outdoor plants. This is the best form in which to apply it. Price, 25 lbs., \$2.50; 50 lbs., \$4.50; 100 lbs., \$8.00; 500 lbs., \$37.50; 1000 lbs., \$70.00.

## SHREDDED CATTLE MANURE.

An efficient, high-grade natural fertilizer for all general purposes, manufactured by special process from selected fresh cleanings from cattle pens. Price, 100 lbs., \$3.10; 500 lbs., \$14.90; 1000 lbs., \$27.75; 2000 lbs., \$51.50.

## SULPHATE OF AMMONIA

Used for its Nitrogen. A very desirable fertilizer for all plants in which a large leaf development or rapid growth is desired. Use 1 pound to 50 square feet of ground or bench, or a tablespoonful to a bushel of soil, or 3 gallons of water. Price, 25 lbs., \$2.25; 50 lbs., \$4.00; 100 lbs., \$7.50; 500 lbs., \$35.00.

## THOMPSON'S "SPECIAL" TOP DRESSING Chrysanthemum Manure

An excellent stimulating manure for top dressing for Chrysanthemums and similar plants. It is entirely soluble and very powerful, especially suitable for top dressing plants in pots during the growing season. Price, 7 lbs., \$1.10; 14 lbs., \$1.75; 28 lbs., \$3.25; 56 lbs., \$6.00.

## THOMPSON'S VINE PLANT AND VEGETABLE MANURE

So compounded as to combine stimulating with lasting effects. A safe and reliable Food and Stimulant for every Fruit-bearing plant, for Foliage and Flowering Plants, for Vegetables and out-door Plants of every description; admirably adapted for mixing with the soil when potting in the proportion of 4 lbs. to each wheelbarrow of soil. Price, 14 lbs., \$1.50; 28 lbs., \$2.75; 56 lbs., \$5.00; 112 lbs., \$9.00.

## PURE ICHTHEMIC GUANO.

An Ideal Plant Food, that exactly fulfills all the requirements of Plants and Flowers, Fruit and Vegetables in a well-balanced form.

DIRECTIONS FOR USE.—(1) In the dry state, 1 to 2 ounces to the square yard of ground. (2) In a liquid state, a tablespoonful to a gallon of water in the case of pot plants, about three times a week. (3) In a dry state mix with soil, when potting, 1 part to 100 parts of soil.

Imported in original bags of 112 lbs. each. 28 lbs., \$2.50; 56 lbs., \$4.25; 112 lbs., \$8.00.

## CLAY'S FERTILIZER.

This valuable imported manure is especially recommended to all who grow either fruit, flowers or vegetables, and wish to bring them to the highest perfection. It should also be used in potting soil as a top-dressing. Price, 7 lbs., \$1.10; 14 lbs., \$2.00; 28 lbs., \$3.50; 56 lbs., \$6.50; 112 lbs., \$12.00.

## SCOTCH SOOT.

(Genuine Imported.) Gardeners know the value of a healthy growth of dark green foliage, and its beneficial effect in freeing the soil from slugs, grubs and cut worms. Price, 25 lbs., \$1.75; 50 lbs., \$3.00; 100 lbs., \$5.00; 500 lbs., \$22.50.

IMPORTANT. The prices on this page are based on present prices of fertilizers and are subject to change as market fluctuates.

We are not responsible for loss of weight, due to evaporation, of imported fertilizers.





