





**SUCCESS WITH RASPBERRIES ONLY BY  
STUDYING REQUIREMENTS OF VARIETIES**



Plants of the Cuthbert Raspberry as Received From the Nursery, "Heeled In," Awaiting Favorable Opportunity to Plant.

(Prepared by the United States Department of Agriculture.)

Although the raspberry will succeed on a wide range of soil types provided suitable moisture conditions prevail, the best results will be secured only by studying the peculiar requirements of the different varieties. A fine, deep, sandy loam is perhaps the most desirable soil for growing raspberries, because it is managed so easily. Equally good yields of some varieties will be secured on clay and on sandy soils if they are well managed. In general, however, though the black raspberries seem to do best on sandy soils, they are grown extensively and succeed well among clay soils. Among the red raspberries the Ranere does best on sandy types, but the June prefers a clay soil. Other varieties, such as the Cuthbert and King, succeed on a wide range of soil types. There the soil requirements of varieties are known, they are indicated in the characterizations given on later pages of this bulletin.

**Moisture Is Important.**

The most important, perhaps, of all the factors entering into the growing of raspberries is the moisture supply, and where there is the possibility of a choice, the soil which will furnish an ample supply of moisture at all times should be chosen. At no time, however, should there be wet places in the plantation. Thorough drainage as well as a full supply of moisture is essential.

Another important factor is air drainage. Cold air settles to the lower levels, and plantations situated on land elevated above the surrounding fields will not be subject to the extreme cold of winter as plantations on the lower levels. Winter injury to the canes may often be avoided by choosing a site higher than the surrounding country. Furthermore, plantations on the higher elevations are not as subject to frost injury in late spring as those not so favorably located.

In the Southern states, a fourth factor in the selection of a site is of some importance. If raspberries are to be grown in those states, a northern or northeastern slope is preferred for the plantation, as humus and moisture are retained better in fields on such slopes than on southern slopes.

For home gardens, the chicken yard is frequently a desirable place for the raspberry patch. Poultry keep down weeds and enrich the soil, and do not often harm the berries.

**Preparing the Land.**

The same thorough preparation of the soil should be given for a raspberry plantation as for corn or similar crops. For the best results the plants should never be set in a field which has just been in sod, but should follow some hoed crop. Land which produced a crop of potatoes the previous year and which has later been plowed and thoroughly pulverized is in the best physical condition for setting the plants, and any field on which crops have been grown which leave the soil in a similar condition is prepared properly for raspberries.

**Planting.**

The time of planting raspberries varies in different parts of the United States, according to local conditions. In general, however, the plants should be set in early spring in the Eastern part of the United States, but on the Pacific coast they should be set during the rainy season, whenever it is possible to do the work.

Because better plants of the black and purple varieties can be secured in the spring, that is the best season for setting them. Red raspberries, however, may be set in the autumn with good success in sections where the winters are mild or where there is a good covering of snow to protect the plants.

Occasionally when growers wish to set a new plantation they wait a month after growth starts in the spring and use the suckers that come up during that month in their established plantation. If the season is favorable, this practice may prove satisfactory. If, however, a drought occurs soon after, the young plants will suffer severely. Only in sections where the climate is favorable is this practice to be recommended.

**Handling Nursery Stock.**

It must be remembered that the root systems of nursery plants of the different varieties vary greatly, and what constitutes a good nursery plant of one variety may be a poor plant of another variety. Thus the Royal, a purple variety, rarely makes as large a nursery plant as does the Columbian. Consequently a good nursery plant

of the Royal would not be considered a good plant of the Columbian.

In case the plants are not to be set immediately, they should be heeled in; that is, a trench should be dug and the roots placed in it and covered with moist soil. In order to work the soil thoroughly about the roots of each plant it will be necessary to open the bundles and spread the plants along the trench. Sometimes it is desirable to wet the roots, or, if they are very dry, to soak them for a few hours before heeling in the plants.

Just before setting it is well to dip the roots of the plants in a puddle made of clay and water or cow manure and water. The roots are thereby partially protected from the wind and sun.

Plants affected with crown-gall should not be set. This disease can be recognized by the knots and swellings which appear on the roots and about the crown. Such diseased plants are very much less productive than healthy stock.

**TIME TO PLOW STUBBLE SOIL**

Advantages and Disadvantages of Both Spring and Fall Work Must Be Considered.

(From the United States Department of Agriculture.)

In deciding the time to plow, the advantages and disadvantages of both spring and fall plowing must be taken into consideration. Heavy fall rains indicate that fall plowing should be done, as the gain of moisture during the winter by the stubble land probably would not equal the loss of moisture taken by the weeds in the fall. If only light rains occur, however, the moisture in the soil produced by these rains probably would be more than offset by the greater quantity of snow held by the stubble during the winter, and the reduction of the weeds in the crop. Spring plowing would then be better. The availability of labor in the fall and winter will influence the amount of plowing done, but a greater effort should be made to do the plowing if there is heavy precipitation than if the rainfall is light. The only advantage in late fall plowing is that the amount of spring labor in preparing the seedbed is reduced. This advantage, however, may be offset by reduction in the yield.

**WORLD'S WORST PEST**

The world's worst animal pest is the rat.

It carries the germs of bubonic plague and many other diseases fatal to man.

It destroys annually in the United States property worth \$200,000,000 equivalent to the gross earnings of an army of 200,000 men.

It eats enough grain on many a farm to pay the farmer's taxes and leave a margin.

Why not join in and fight the rats? You can get valuable suggestions as to methods in Farmers' Bulletin 896, United States Department of Agriculture, Washington, D. C.

**CONTROL DISEASE OF ONION**

Department of Agriculture to Assist in Fight on Root-Rot—Big Losses Recorded.

(From the United States Department of Agriculture.)

Root-rot, a very destructive storage rot of onions, occurs in many states, losses of from 25 to 75 per cent in white onion sets having been recorded in the onion-growing districts in the vicinity of Chicago and in northern Indiana. Red and yellow onions are not attacked as seriously as the white varieties. In order to combat this malady, the United States department of agriculture next season is to assist growers in testing a method of controlling the disease with the hope of putting the method on a practicable basis for commercial use. Specialists of the department will be assigned to the districts affected to advise the farmers and to help in the installation and equipment of necessary structures.

**Many Small Potatoes Wasted.**

There are nearly 120,000,000 bushels of small potatoes wasted in the United States every year, all of which could be used in making bread.

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Greatest in Character of Stock  
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Every day brings in new goods, which, in this day of scarcity, is only possible because of our large and early contracts--this applies to every one of our many departments.

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Anybody that cares for CLOTHES, and where is there a woman who does not, will admire and want one of our beautiful NEW SUITS. This will be a suit season, too---a choice here out of over 100 styles and colors, from \$12.75 to \$47.50

**OR A NEW SPRING COAT**

Every Day Brings Us New Coats

Our beautiful assortment of colors, styles and fabrics will surprise you. Another surprise---they cost less than you expect.

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of Serges, Taffetas, Messalines, Georgettes, Crepe de Chines, Foulards, Combinations, Voiles, New Gingham, and whatnot, were never more beautiful or rich, and never have we shown such a wonderful variety. You ought to see them. Our stock changes every day---new ones come in to take the place of those going out.

**THE NEW SKIRTS ARE HERE**

Such a variety of beautiful stripes, plaids and fancies in silk and wool; also the new white Neva-Shrinks are here.

**New Effects In Spring Blouses of Crepes, Wash Satins, Georgettes, and the Finer Voiles, Etc.**

These Waists are exceptional in Style, Quality and Price, especially in the character of sewing and fit. Our claim is NOT LOWEST PRICES, but BEST VALUES. What is a garment worth to you, if you have to make it over, to be presentable? Our lowest priced Waists are as carefully made as the higher priced ones.

Wash Waists, in new styles, \$1.00, \$1.50, to \$3.75.

Wash Silks, in new styles, \$1.95 to \$3.50.

Crepe de Chine, White and Flesh, \$2.90 to \$6.50.

Georgettes, Colors, White and Flesh, \$4.00 to \$9.00.

**Boys' Wash Suits and Little Girls' Dresses**

The practical economy of Wash Suits and Rompers, and each year shows an increased demand so that we are showing a more varied assortment of Boys' Wash Suits and Small Tots Clothes than ever before. Like the clothes of the older children there is a charm and a style to them not to be had in the home sewing room. Prices, too, are reasonable.

**White Goods and Printed Fabrics**

There have been seasons when our lines of fabrics were very large so that comparisons could well be made with large city store stocks, but we are well in the bounds of correct statement to say that at no time have we offered so varied a stock of WHITE SHIRTINGS, VOILES, Etc., at such values---counting values by present market conditions. We cannot duplicate any of our present showings at our present prices, besides the troubles we have with transportation.

**Plaid and Stripe Gingham, Fancy and Fine Shirtings**

Six months ago we contracted for hundreds of pieces of these goods and they are now arriving so that we are showing a fine assortment of styles. These materials are in very great demand and we advise our customers to supply their wants early to insure a wider choice and lower prices. To look at these beautiful color combinations in Plaids and Stripes makes you think of Spring.

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**PUBLIC SALE**  
— OF —  
**65 Cords of Wood**

I will sell at public sale on the farm of Lewis Reifsnider, on the road leading from the Taneytown and Keyville road to the Bruceville road, on  
**Saturday, April 27th., 1918,**  
at 1 o'clock, P. M., sharp,  
65 CORDS OF OAK AND HICKORY WOOD, Sawn in Stove Lengths  
Wood is likely to be scarce and high, this coming winter, and will be in demand as a substitute for coal.  
Be sure to attend this sale, and supply yourself in advance.  
TERMS made known on day of sale.

**BIRNIE REIFSNIDER.**  
3-29-5t

J. N. O. SMITH, Auct.

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and watch your Hogs gain steady weight, day by day.

One of the Government Experiment Stations says: "One pound of this Tankage does the work of five pounds of corn." Pennsylvania State College considers it "one of the most valuable feeds for swine, especially when used as a source of protein."

Ask for feeding directions.

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**JOHN R. HARE**

**Clock and Watch Specialist.**  
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YOU certainly will want to know exactly where to get what you have in mind—what you want and know will please and look well on you.

For this reason we suggest you visit our display rooms, where you will find all that is good—all that is the best and finest in Spring garments.

It will simplify matters very much for you and make your shopping easier when we tell you that in our line of "Sunshine" garments we have the season's most advanced and most attractive models—and not at extravagant prices.



Among the Materials we can offer you are:

- |            |                |         |
|------------|----------------|---------|
| Silvertone | Gabardine      | Velour  |
| Poplin     | Poiret Twill   | Delhi   |
| Serge      | Duvet de Laine | Burella |
| Tweed      | Covert         |         |

The shades in these materials are likewise attractive and pleasing; you will find among them the following:

- |         |            |          |
|---------|------------|----------|
| Clay    | Olivsage   | Infantry |
| Sammy   | Quaker     | Rouave   |
| Peacock | Poilu      | Sand     |
| Bufran  | Cantaloupe | Mist     |

Combine these—in many combinations—various late styles—together with expert, serviceable workmanship, and the courteous attention from experienced sales-people, in comfortable display rooms—and you have the ideal place to make your selection of a Spring Coat—or Suit.

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**Large Auction Sale**



**100 Head**  
**Horses**  
AND  
**Mules**



All roads lead to C. W. KING'S large sale at Westminster, Md., on

**Tuesday, April 9th., 1918.**

See papers next week for full particulars.

We will also sell a real fast pacer, standard bred and registered, family broke and will work any place on farm except the lead.

Sale Rain or Shine

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We are taking on additional shipments of milk. Highest market prices paid. Communicate at once with

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**NOTICE TO CREDITORS.**

The undersigned, having settled in the Orphans' Court, an account of the personal estate of

**SAMUEL WEANT,**

late of Carroll County, Md., deceased, and ascertained the balance in his hands, for distribution, according to law, among the creditors of said deceased, hereby give notice to said creditors to file their claims against said deceased, legally authenticated with the Register of Wills for Carroll County, on or before the 8th day of April 1918, preparatory to a distribution of the assets of said personal estate, to be made amongst said creditors under the direction of the Orphans' Court of Carroll County, Md., on the 15th day of April, 1918. After the final ratification of said distribution by the Orphans' Court aforesaid, the undersigned will be prepared to pay to each of said creditors their respective dividends according to said distribution.

J. FRANK WEANT,  
Administrator.



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**SALE REGISTER**

All Sales for which this office does the printing and advertising, will be inserted under this heading (3 lines) free of charge, until sale. All others will be charged 50c for four insertions and 10c for each additional insertion, or \$1.00 for the entire term. For larger notices charges will be made according to length and number of insertions

— MARCH —

30—12 o'clock. Eli M. Dutterer, near Middleburg. Stock and Implements. J. N. O. Smith, Auct.

30—1 o'clock. Clarence Eckard, 2 mi north of Taneytown. Horse, Cow, Vehicles, Household Goods. W. T. Smith, Auct.

— APRIL —

2—12 o'clock. John E. Buffington, Taneytown. Household Goods. J. N. O. Smith, Auct.

4—12 o'clock. Mrs. Chas. W. Angell, near Sell's Mill. Personal Property, Household Goods, etc. J. N. O. Smith, Auct.

6—12 o'clock. Franklin Bowersox, Taneytown. Big Annual Sale of Buggies, Implements, Harness, etc.

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Captured German cannon, bomb throwers, small arms, signal devices, aeroplanes, body armor, gas masks, and other implements of war taken from across No Man's Land, each an enthralling story, bought with the blood of our Allies, the Canadians, the Belgians, the English, the French—the finest fellows that ever trod the earth—all battling for the preservation of human liberty.

Never again can you see this wonderful exhibition unless you take a trip to Canada, where it goes into a permanent museum to be established by the Canadian Government.

Moving pictures to bring you face to face with the soldiers of liberty in action.

Go "Over the Top" with Empey in the most startling picture ever presented.

Our American Boys at the Front—what the Army and Navy are doing.

How our men are cared for. Vivid demonstration of activities of the Young Men's Christian Association, the Red Cross, Young Women's Christian Association, Knights of Columbus, Jewish Welfare Work.

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