

Yellow Rust Affects Raspberry Plantings

As high as 40 per cent loss in red raspberry plantings from breakage of canes as they are trellised up is reported to the experiment station from several sections of the state. This loss, according to Dr. S. M. Zeller, plant pathologist, is caused by the yellow rust of raspberries.

The breakage is caused by lesions which form around the base of the canes, making them extremely brittle. Similar breakage is also caused by the work of the raspberry cane borer, but the two may be distinguished by casual examination. Where the damage is caused by the cane borer, the hollow center of the cane where broken is filled with the brown frass left by the borer.

Lesions caused by the rust are seldom serious until the second year, by which time, if numerous, they hinder the rise of sap, causing easy breakage and depriving the canes of sufficient sap to carry the fruit to maturity.

No satisfactory control measures have been found for this yellow raspberry rust, states Dr. Zeller in writing on the subject, but careful sanitation by removing and burning all old canes, fallen leaves and refuse as soon after the harvest as possible will usually prevent the disease from becoming serious. While such measures do not eliminate the possibility of infection from lesions on the new canes, such infection, in most seasons, is practically negligible.

In seasons when the spring rains continue late, the yellow rust often develops to such an extent in the Pacific northwest as to cause partial defoliation in badly infected plantings. Although the actual loss of crop due to this disease is hard to determine, any appreciable amount of leaf loss must have some devastating influence on the affected plants, believes Dr. Zeller.

Dame Fashion Smiles

By Grace Jewett Austin

Just as pullman car makers know that it adds a subtle pleasure to one's railway journey to ride on the "Flora" or the "Montrose," or whatever one's sleeper or chair-car may be called, so the highly trained clothes experts of Paris invented the theory of naming gowns. Hats share in this happy idea as well and, of course, hosiery has long rejoiced in all sorts of beautiful names based, often exceedingly fancifully, on tints of the silk.

Not many of us will import rare gowns from Paris, with the name of the maker, and the special gown name embroidered inside, but these names are not patented, so there is nothing to hinder Dame Fashion and all her readers from mentally summing up their wardrobe and giving appropriate names to favorite dresses.



Grace J. Austin.

Suppose we have purchased or had made, a dress of transparent velvet, and about every woman will probably do this before the year is over. See how much character it gives the gown at once to say, not "I think I'll wear my velvet dress," but to say to one's self, "This is the day for my 'Apple of Love' gown, if it happens to be green; my 'Life of the Rose,' for a blooming color, or my 'Renaissance,' if the dress happens to be a deep rich brown such as Rembrandt used in his paintings."

Dame Fashion has in her hand a long list of these special French gowns, and it is much more fun than a cross-word puzzle to try to imagine just what type of gown a French "modiste" would have in mind to suit the name.

Some are given in English, and some must be translated, according to the best light that nature and French lessons of girlhood can give.

"Tres Sport," "Caravan," "The Horse Guard" and "The God Pan," must surely belong to open-air frocks, suited for sports and the long trail. Here are a few safely labeled "evening gowns" so we can go astray: "Sollitaire," "Ceylanaise," "Eventail" and "Beau Masque," while "Bacheliere," "Thoebus"—such a sunny gown as that must be!—and "The Hour of Tea" are plainly enough for afternoon.

Just as we, in the United States, like to air a little French, so it seems quite captivating to the Parisians if they can throw in an American phrase or two. Thus the Frenchiest of the French folk have named some of their modes the "Mary Lou," "Palm Beach," "Carlton-on-Sunday," or even "Pick-me-up!"

Dame Fashion has been receiving a little fun poked at her because she has professed such an admiration for red-wearing articles, but some of the loveliest names of the French are for their red gowns: "Le Matin," "Mon Desir," or "La Tulipe." Think what a zest it might give a red gown of which you had begun to tire if you named it for that little beast that could stand any red-hot fire—"Salamander!"

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Fashion Hints for All Interested in Modes

Afternoon and evening dresses are most attractive and bear the unmistakable stamp of smartness and good taste.

Panne velvet, which was shown so extensively at the recent Paris openings, fashions a smart afternoon dress in small gold and black pattern. In one-piece style it wears a ruffled-tiered skirt while bows finish the V neck and the molded hipline.

Most unusual is a crepe frock with treatment of four broken ruffles which are caught up with knots into bow effects at left side of skirt. A jeweled fob at the shoulder lends a chic touch and is matched by a buckle which secures the belt.

A smart evening gown has deep décolletage finished at the back with a long tied scarf of self-fabric, which contributes to the general down-back formed by the two-tiered skirt. Nice details are a row of four matching flowers on left shoulder and a tailored belt with crystal buckle.

To lengthen the lives of your pocketbooks, smart shops are showing a group of purses made of washable kid. Some of these are mounted on crystal bars, others have exquisite marcasite ornaments, all of them are lovely.

Dress of Gray Novelty Cloth Has Plaid Skirt



A prominent motion picture actress wears this smart dress made of gray novelty cloth, with a plaid skirt of gray and green. The hat is of gray felt trimmed with a green feather ornament. Shoes, hose, gloves and bag are of gray.

Past, Present, Future

Only a few years ago, crystal detectors of silicon, galena, pyrite and what not, were much in vogue; now these have given place to quartz crystal oscillators, and who can say that still another sort of crystal will not play a part as television comes?

Mecca's Moneyed Men Hostile to Mohammed

That "big business men" of Mecca, away back in the six hundreds, exerted all their influence to stop the preaching by Mohammed of a creed which is now accepted by 230,000,000 people, is charged by Dr. Charles Francis Potter, noted New York pastor.

In Doctor Potter's life of the prophet, in Woman's Home Companion, he declares that early in his career Mohammed incurred the displeasure of the wealthy merchants of Mecca by branding the place as idolatrous and the customs which had grown up about it as superstitions. He further announced that Jerusalem benchforth should be the holy city.

"It was," says Doctor Potter, "as if a resident of an old New England town which depended for its income upon the summer tourists who came to see its historical sites, should persistently proclaim in public that all the favorite stories about the old heroes were myths and that all profitable history of the town was mere superstition."

Mecca's business was really hurt, says the author, and the group which

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In later days might have been a chamber of commerce, rose against the revolutionary preacher. So strong was the pressure that Mohammed was obliged to smooth the affair over by indorsing three idols which he had attacked. But not long after, ashamed of having compromised with idolatry after having established the theory that Allah was the only God, he recanted in fury and said that Satan had whispered the temptation to recognize the graven images.

Again the wrath of the big business men burst forth and they attempted to influence the prophet through his wealthy relatives. Mohammed stood firm, however. He and his followers were obliged to flee and it was during the persecutions that followed he rose to military power which was to establish his religion permanently in the world.

Legend of King Arthur

King Arthur was a half-legendary king of the Britons, supposed to have reigned in the Sixth century. Nothing is absolutely known of his history and his existence has sometimes been denied altogether. The opinion now generally accepted by scholars is that the evidence of Nennius stated the facts correctly. He tells of an Arthur who was "dux bellorum" and led the armies of the British kings against the Saxon invaders, whom he defeated in 12 great battles. The number of knights that the Round Table seated varied. Upon some occasions there were 12 and at others 50 or even as many as 150.

Fat Causes Soft Livers

Fowls that have a soft and rather large liver with distinct yellowish patches when dressed may be perfectly wholesome for food, at this condition of the liver frequently results when the fowls are excessively fat. When such livers are crushed beneath the fingers they show a distinctly greasy condition, reports the Oregon experiment station.

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The hot water around the cylinder head is drawn to the radiator to be cooled by a centrifugal water pump of new design.

The entire cooling system of the new Ford is so simple in design and so carefully made that it requires very little attention.

The radiator should be kept full, of course, and drained once each month so that sediment will not collect and retard the free passage of water. In cold weather, a reliable anti-freeze solution should be added.

As owner and manager of this important water plant you should also see that the water pump and fan shaft are properly lubricated and the packing around the pump shaft kept in adjustment.

Hose connections may also need replacement after long service. For those little adjustments, it pays to call on the Ford dealer.

He works under close factory supervision and he has been specially trained and equipped to do a thorough, competent job at a fair price.

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