

The HOME BEAUTIFUL

Flowers and Shrubby
Their Care and Cultivation



Good Taste Dictates the System of Planting Large Bunches of Single Species Together Rather Than the Old Way of Mixing Up Several Specimens.

USE CARE IN COLOR OF ANNUALS

For summer flowering, annuals are very satisfactory, blooming profusely through the entire season, while the cost of a seed packet is but a trifle.

Good taste dictates the system of planting large bunches of single species together rather than the old way of mixing a dozen varieties in as many square feet.

It is the same plan that places a dozen carnations or roses in a vase rather than a heterogeneous collection in the old-fashioned bouquet. Mass your flowers if you would secure the best effects.

The old callopius, "lady's breastpin" they used to call it, is a handsome plant, its long, slender stems rendering it extremely useful for cutting, and the shades of gold and brown harmonizing nicely.

A mass of it next to the shrubbery in the background gives a most pleasing effect.

Some handsome forms of single dahlias may be secured by planting a packet of the seed in pots early in the spring and transplanting the young seedlings to the garden as soon as danger from frost is over.

The colors of some is very fine, and to one liking the single flowers, the plan is a good one of getting a variety at a small cost.

Unless started very early, these seedlings rarely mature tubers that will keep through the winter, though they commence flowering almost as soon as the plants are started from the tubers.

The chrysanthemum-flowered asters are much more pleasing, both grown in masses and for cutting, than the "quilled" bouquet sorts. If but two kinds are started, let them be white and lavender with rose as a third choice.

Do not order mixed packets of seed. It is a great temptation to do so, but if fine specimens are expected, the surer way is to single out one or two colors.

While the mixed packets are in many instances highly satisfactory, the single colors are made up from the best individuals.

With pansies for spring, sweet peas for summer and asters for autumn, one may be sure of having an abundance of the most beautiful cut flowers for all occasions.

Red petunias and red geraniums are a combination to be avoided. They make a discordant note.

Single petunias are easily grown from seed, although this seed is so minute. In fact, they will perpetuate themselves from year to year through self-sown seed.

If you want the double varieties, the safest and quickest way is to buy slips at the greenhouse, as the seed is difficult for the novice to manage.

One of the best plants to use for massing is salvia.

FLOWER HINTS FOR BEGINNER

By E. VAN BENTHUYSEN.
Flowers should have a friable, very fertile soil in which to grow. Often they will make a fine showing in a very poor soil, but like humans, they appreciate good care.

Do not allow the flowers to form seeds. As soon as the flowers begin to

WHO IS WHO NOW

CANTRILL, PLAIN FARMER

"I'm no lawyer, and I'm no orator, I'm just a plain farmer from Kentucky, but here's what I think."

In this wise James Campbell Cantrill, congressman from the Seventh district of Kentucky, began a speech that produced one of the most sensational climaxes that have been staged in congress for a long time.

Congressman Cantrill, long, lean, and lanky, is a Democratic member of the rules committee of the house. But, unlike the other Democratic members of that body, he did not vote for the majority report recommending that the "leak" on the president's note be indefinitely put out of the way.

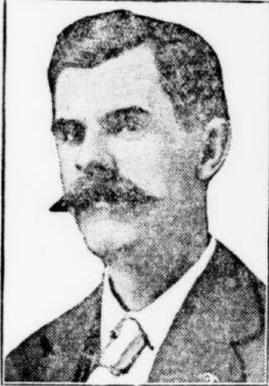
What he said was sufficient to disrupt the Democratic majority completely and to stampede the entire house into overthrowing the majority report of the committee.

It is true that Mr. Cantrill is no lawyer, but he was brought up in the atmosphere of the law. His father, James E. Cantrill, was the judge who sat in the trial of Caleb Powers. Most of his forefathers were lawyers.

He hails from the richest blue-grass section of Kentucky, and is a real farmer. Ten years ago he was one of the chief organizers of the tobacco growers of his state, and figured prominently in the exploits of the so-called "night riders."

Farmer Cantrill has a mind quick to grasp the essentials of any situation and a logic, however roughly spoken, that is usually invincible.

He is a fighter through and through, and doesn't know the first sensation of fear. He showed that when he defied the leaders of his party and forced them to accept his views.



WISCONSIN'S PRIZE GIRL



Wisconsin, one of the most progressive of the states, has come forward the last few years with more new ideas regarding government and agriculture than almost any other state. To be a prize winner in any of these lines in Wisconsin you have to get up in the morning and keep going all day.

The champion farmer girl of the state, so adjudged at the state fair, is Miss Helen M. Hatch of Lake Geneva, and the list of her accomplishments sounds like the list of accomplishments of that most desirable of mortals, a good housewife.

These are some of the things she had to do to win the championship: She had to make her own cap and apron; she had to name 20 different kinds of cloth; she had to put up one can of carrots and one can of peaches; she had to bake a loaf of bread; she had to make a tin of baking-powder

biscuit, the sort you used to eat at tea-time with honey when you went visiting with your mother. She had to prove she can darn and patch. She had to make garments for herself out of whole cloth, and make them well.

Miss Hatch also won the prize as "Miss Agriculture" in the big parade at the fair, in which she wore a costume of alfalfa, trimmed with goldenrod.

MAN WITH PERFECT BRAIN

Thomas J. Abernethy, now half through his senior year at Harvard, has learned that he is mentally perfect.

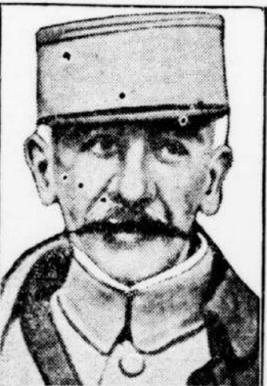
The expert who tested his mentality and gave him 100 per cent was no less an authority than the late Prof. Hugo Munsterberg, who made the test last spring and announced the result only a few days before his death.

It surprised Thomas J. Abernethy, '17, who was adjudged perfect, as much as it surprised anyone. The college records show that he has been only an average student. He says himself, "I have just about broken even on grades."

If Abernethy has not taken advantage of his natural endowments in college, he will start on the more serious "course of life aware of his extraordinary mental equipment, or aware at least that his mentality was labeled "A1" by one of the world's greatest psychologists. Abernethy specialized in romance languages, having had the idea originally that he might go into business in South America. He now plans to enter the canning business with his father in his home town, West Penbrooke, Me.



LYAUTEY, MILITARY GENIUS



The new French minister of war is described by Stephen Lausanne, formerly editor of Le Matin, Paris, as follows: "As for General Lyautey, the new minister of war, in all France the premier could not have found another man so splendidly qualified to handle the big problems of the war office. He is a genius at organization, and I do not think I exaggerate when I say he is perhaps the greatest organizer that the French army has ever known."

"For the last five years, General Lyautey has been governor of Morocco, and in these five years he brought the Moroccans from a state approaching savagery to quasi-civilization. He is a great master of efficiency, and combines all the qualities of a great general with those of a great business man."

"General Lyautey is a native of Lorraine. He had a little home not far from Nancy, and when the Germans made one of their raids upon that city in the early days of the war General Lyautey's home was among the first to be looted and subsequently destroyed. He is between sixty and sixty-five years of age and is a member of the Academy and the one member who has yet to make his presentation speech to his colleagues."

SCRAPS

A public auditorium seating 4,200 is to be built in Louisville.

A California man made \$1,100 out of an acre of celery cabbage.

Los Angeles county has the largest olive grove in the world.

Mexico City is 7,415 feet above sea level. Its death rate has been high.

A toy exhibition in France has attracted much artistic discussion.

For hotels and similar places a new motor-driven machine will wash and sterilize 1,800 drinking glasses an hour.

CULTURE OF SOY BEAN IN COTTON STATES



MATURE PLANT OF THE SOY BEAN.

(Prepared by the United States Department of Agriculture.)

The soy bean, a legume introduced into this country from Asia, may be grown throughout the humid and semi-humid sections of the South and in the southern portion of the corn belt, and thrives especially well in the cotton-growing regions. Because of this latter fact it offers an excellent opportunity to the cotton planter for adjusting his farm plans to offset the damage to cotton inflicted by the boll weevil.

On the other hand, since a valuable oil may be pressed from the beans in cottonseed oil mills, and since boll weevil activities tend to lessen cottonseed production, the growing of soy beans in the South should greatly interest the owners of oil mills. The production of soy beans in considerable quantities may, in fact, be needed in some seasons to keep the expensive equipment of the mills operating profitably.

Importance of Bean.

The bean already occupies a place of unusual economic importance in Asia and especially as a material from which foodstuffs, cattle feed, fertilizer, and oil suitable for a variety of uses may be manufactured, should become increasingly important in the United States to both farmers and manufacturers.

From the farmer's point of view the existence of the many oil mills in the South and the probability that by furnishing a demand for soy beans these concerns will make the legume an important cash crop should greatly facilitate the introduction of the new product on a commercial scale. Soy beans should be of additional interest to farmers, since, as in the case of other legumes, their culture improves the soil. If a sustained demand for them can be built up, therefore, soy beans can be introduced advantageously into a rotation with cotton, furnishing at the same time a second important cash product and a soil-improving crop.

Development of Industry.

The recognition of the possibilities of bringing about the production of soy beans on a commercial basis in the South is not based only on the economic importance of the crop in Asia, where its production on a large scale has been established for many years, or on the established market for the beans practically throughout Europe. Soy beans have been grown for forage in this country for many years, and their adaptability to a wide range of climatic and soil conditions has become fully demonstrated. In recent years the crop has been grown to an increasing extent for its seeds in eastern North Carolina. A large production of the beans in this section in 1915, together with the occurrence of a cottonseed shortage, led to the experimental pressing of a considerable quantity of beans by local oil mills. These experiments were entirely satisfactory and the mills participating in them are now taking an active part in the development of this new industry with American-grown beans. Oil mills on the Pacific coast have been operating for several years with soy beans imported from Manchuria and have found a ready sale in this region for the oil, cake, and other products.

Culture of Soy Bean.

The soy bean can be grown successfully on nearly all types of soil and has about the same range of climatic adaptation as varieties of corn. The growing and handling of the beans are accomplished almost entirely by machinery in this country, the ordinary farm equipment meeting all the requirements of the crop. In large bean-growing districts special harvesters for gathering the seed in the field are used quite successfully. The cost of production varies from \$7.50 to \$12 per acre, depending on the methods

Animals Harvesting Corn.

Allowing animals to harvest corn saves the labor of cutting, husking, hauling to the feed lot, and hauling the manure back on the land.

Controlling Grasshoppers.

The most practicable means of controlling grasshoppers is by the use of poisoned-bran baits or the modified Criddle mixture.

Soils Need More Lime.

Soils rich in organic matter need more lime than do sandy soils.

employed in growing and handling the crop. The market price per bushel of seed for sowing purposes varies in different sections, ranging from \$1 in large seed producing sections of the South to \$2 and \$3 per bushel in the central and middle Atlantic states. Yields of seed to the acre in various sections of the United States range from about 15 bushels of 60 pounds each in the northern states to about 40 bushels in the northern half of the Cotton Belt. The average yield in eastern North Carolina is about 25 bushels, although many fields produce 35 bushels or more to the acre.

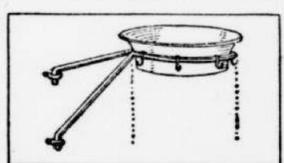
Climate plays an important part in yields and the oil content of the seed. Considerable differences occur in the oil content of soy beans grown in different localities. The same variety grown in Mississippi and Ohio, for example, yielded respectively 25.4 per cent and 17.5 per cent of oil. The soy bean lends itself readily to improvement by breeding, and experiments indicate the possibility of securing varieties of high oil content by selection.

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CONVENIENT AS BAG HOLDER

Device Made Out of Bottom of Large Tin Pan, Mounted on Iron Rod, Is Handy in Granary.

There are various kinds of devices to be made quickly for filling bags when one has to do it alone, but I think it wise to have a contrivance in your granary all of the time, says



A Bag Filler.

a writer in an exchange. I had a blacksmith make me one that works very well. I cut the bottom out of a large tin pan and had this mounted on an iron rod as shown in the drawing. Small hooks are placed around this. The pan is hung on these hooks and the grain shoveled in at the top.

GOOD VENTILATION FOR BARN

No Structure Should Be Built Without Care Being Given to Fresh Air Supply for Stock.

Ventilation is as important a matter in the barn as in the house, and no barn should be built without care being given to supplying fresh air for the stock.

Some sort of a vent should be placed at the top of any closely built barn, as the foul air will otherwise hang under the roof and eventually make all the air in the barn bad. The cool, pure air will find its way in if there is a way for the warmer foul air to escape.

STANDARD MACHINE IS BEST

Farmer Is Well Protected If Anything Goes Wrong and Repairs Are Easily Made.

It is worth a percentage on any purchase of farm machinery to get some reliable and established firm back of your purchase.

Not only are you much better protected if anything goes wrong, but there is seldom a piece of machinery that does not need repairs in the course of time, and the man who has a standard machine of any sort will be thankful when he finds he needs some new parts.

Clean Up Orchard.

Clean up the orchard. Remove and burn dead limbs and trash that harbor insect pests. Spray in season. Fertilize the soil around the trees.

Operating a Separator.

Set the separator to take a cream so rich that one gallon will make from three to three and a half pounds of butter.

Velvet Bean Meal.

Velvet bean meal sacked is selling at \$20 per ton.

MRS. KIESO SIGNS SEVEN MONTHS

Restored to Health by Lydia E. Pinkham's Vegetable Compound



Aurora, Ill.—"For seven long months I suffered from a female trouble, with severe pains in my back and sides and I became so weak I could hardly walk from chair to chair and got so nervous I would jump at slightest noise, was entirely unable to do my housework, I was giving up hope of ever being well, when my sister asked me to try Lydia E. Pinkham's Vegetable Compound. I took six bottles and today am a healthy woman able to do my housework. I wish every suffering woman would try Lydia E. Pinkham's Vegetable Compound, and find out themselves how good it is."—Mrs. C. A. KIESO, 596 North Ave., Aurora, Ill.

Tutt's Pills

The dyspeptic, the debilitated, whether from excess of work of mind or body, or from indigestion, will find Tutt's Pills the most general restorative ever offered the suffering invalid.

And That's Too Far. Decollete ball costumes are all right as far as they go.—New York Globe

Dr. B. F. Jackson, Celebrated Physician, handed down to posterity his famous prescription for female troubles. It is sold under the name of "Femina." Price 50c and \$1.00.—Adv.

Grammatically Sure. "Can this actor make a situation tense?" "Certainly, if he's in the mood."

CUTICURA KILLS DANDRUFF

The Cause of Dry, Thin and Falling Hair and Does It Quickly—Trial Free

Anoint spots of dandruff, itching and irritation with Cuticura Ointment. Follow at once by a hot shampoo with Cuticura Soap, if a man, and Cuticura Soap if a woman. When Dandruff goes the hair comes. Use Cuticura Soap daily for the toilet.

Free sample each by mail with full Address postcard, Cuticura, Dept. Boston. Sold everywhere.—Adv.

His Double Duty. Jones walked up the street the other evening with a box of chocolates under one arm and a big package of soap under the other.

"Hullo, Jones!" said Johnson, "housekeeper? I didn't know you were married."

"I'm not yet."

"What are you doing with the chocolates and that meat, then?"

"Going to see my girl."

"Do you have to furnish the furniture with meat already?"

"Oh, no; the sweets are for the girl and the meat is for the dog. I had to square both."

Excessively Polite. "Mary, how tall is a giant?" asked Henry.

"Oh, I don't know," said the new "about as tall as a house."

"And how tall is a house?"

"How should I know? Don't you see so many questions, I have no idea how tall a house is."

"Excuse me, Mary," said Henry with dignity, "I forgot that you were too poor to know anything about houses."

Extreme Caution. "Jenks' dad is insisting that everything in life must have flavor."

"Yes, he will not even sit down at a table unless sure the wood is seasoned."

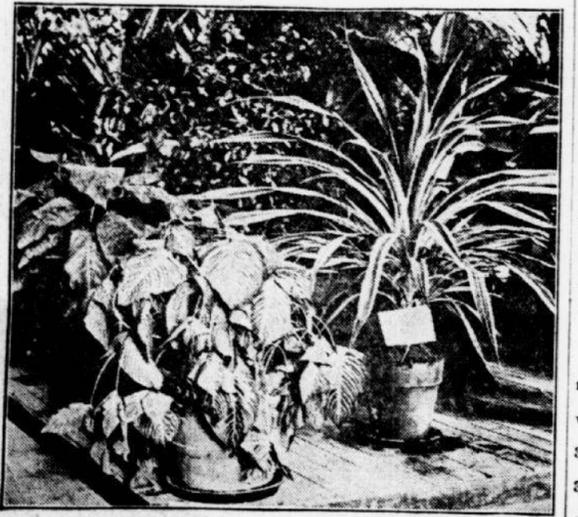
A woman says there is no pleasure in suffering if she has to do it in silence.

You Can Snap Your Fingers

at the ill effects of caffeine when you change from coffee to

POSTUM

"There's a Reason"



John Wanamaker, Merchant and Philanthropist, is the Owner and Grower of These Foliage Plants.