

the Victory Garden

used material for controlling leaf which are released by the dust. eating insects while Black Leaf 40 | Nicotine dust should be applied is usually used for the destruction on warm days when the fumes are of the sucking type of pest. These most effectively released. The air two products will do about all that should be still-if the wind is blowis required in the way of insect ing the fumes are blown away control in the Victory Garden. The Dust should be applied promptly trick of it all is the application of when insects are first seen, and not so bad, especially if they are secure a good mixture and care the climbing variety which have been carefully put up on poles so you can get at them.

But real difficulties develop when an insect attack comes on low growing or vine plants. An attack on melon aphis, for example, can be a real headache especially if the patch be large. For vine plants where spraying is difficult dusting is the best way to meet the situation.

A nicotine dust can be made easily even by an inexperienced "hand" if the underlying principle is understood and most insects found in the Victory Garden can be controlled with such a dust if lead for an effective dust is to incor- to roll it about. porate into dry hydrated lime dust In many localities packages of

amount of Black Leaf 40 should be obtained because of complete equip-5% of the weight of the lime. If ment. only a little dust is needed, 10 The important principle in dustpounds of lime may be put in a tin ing is careful application of the can with a tight cover and 8 ounces dust. As in spraying, the job is of Black Leaf 40 added. A dozen one that calls for attention to detail small stones the size of golf balls and hard work on the job. Cover

minutes. The stones will tend to stir up the mixture and to give even distribution of the nicotine. Use a can large enough so there is plenty of room for agitation. A dusting gun is of course the best way to distribute the dust but if such is not available good results can be obtained by means of a baking powder can with holes punched in the top. The dust is

shaken out on the plants with care taken to cover the under side as well as top of the leaves. Insects Lead Arsenate is the commonly are killed by the nicotine fumes

the spray material - getting the before infestation becomes heavy. right amount of poison at the right | If larger quantities of dust are replace and at the right time. It is quired a keg or barrel may be used easy so long as the spraying is be- after fixing a padded door in it so ing done on an upright growing, that the dust may be removed when fairly open plant like a tomato or the mixing is complete. Plenty of a potato vine and even beans are small rocks inside the keg helps to



or calcium arsenate, in dry form is should be taken to turn the keg mixed with it. All that is required end for end occasionally as well as

a small amount of Black Leaf 40, dust are put up commercially by being careful to mix it in an air local concerns which mix the lime tight container so that no nicotine and Black Leaf 40 and offer it fumes are lost. Needless to say fresh to the trade. Where it can be the mixing job must be thorough, so obtained much bother can be For a good all around dust the avoided and likely a better dust

should also be thrown in and the each plant carefully and thoroughwhole turned end over end for five ly. The reward will be ample.

The SNAPSHOT GUILD

PICTURING SUNBEAMS

A medium yellow filter, chrome film, and an exposure of 1/50 second at

JOUR camera is quite capable of | For instance, if you run across a

of the most striking pictures ever liant mass of sunbeams breaking

slant through clouds, a tree, or second at f/16. With a filter and

other openings, you may find the ordinary snapshot film, that should

setting for a sunbeam picture. If give you approximately the same

there is dust or smoke in the air, effect our photographer achieved-

so much the better-the shafts of although some slight variation, such

sunlight will glow even more bril- as 1/50 second at f/11, may produce

ture some feeling of the sunbeams, sunbeam pictures in the woods, you'll

but if you really want to emphasize undoubtedly need to give somewhat

tegral part of your picture—the trick eral surroundings are so dark in

of your snapshots. Let the darks go will depend on the particular con-

taken have included them.

Any snapshot, of course, may cap-

them-and build them into an in-

is to increase the general contrast

darker, and the lights shine more

brilliantly. And then the shafts of

To produce that effect, I'd suggest

sunlight will be sharp and clear.

that you do two things: First, slip

a medium yellow filter over your

camera lens; and, second, expose for

the highlights and let the shadows

shift for themselves.

liantly.

picturing sunbeams - and some | cloud-filled sunset scene with a bril-

Wherever the rays of sunshine illustration, try an exposure of 1/50

through scattered clouds, as in our

However, when it comes to taking

longer exposures because the gen-

tone. Exact exposure data, of course,

ditions, but usually 1/25 second at

So the next time you see a mass

of sunbeams, don't just pass them

by. Photograph them, and you'll find

that these novel pictures will fill a

John van Guilder

definite spot in your album.

f/5.6 or f/6.3 will be about right.

slightly better results.

f/16 produced this striking picture of sunbeams.

Clothing ***

By B. A. BENEDICT Associated Newspapers.
WNU Features.

ARY was performing an unpleasant duty as he stood in

"I'll have to take you back," he was saying. "It's dangerous for a woman to stay alone up here. Three convicts have been reported escaped look at him. She couldn't. from the road camp at Delmuth They're desperate men."

Olivia arched her brows. A glint of anger was in her eyes. "Dangerous?" she questioned. "With the forest service so near

"The forest service's duties don't include looking after silly girls who run away from home."

Olivia looked upon him scornfully. The gray of the soft flannel shirt she if what he had said had explained led more battles than probably any wore and the whipcord riding things she wanted to know. "So other man in history and reputedly breeches matched her eyes. "Why that was it," she said, half to her- was never defeated. not wait until the silly girl, as you call her, solicits the protection of the forest service?" Her tones were cutting.

Gary shrugged his shoulders. "You'll have to go back," he repeated stubbornly.

Olivia laughed. "That's absurd. This is my camp, and I'll stay here if I like. Would it be asking too much if I suggested leaving me alone?"

"I'll go out and saddle your horse. That will give you time to get your things together. Please hurry." He turned and went out. Uncontrollable anger welled up in Olivia's breast. Rage seized her. She flung open the door and rushed after him.

"I'll not go!" she cried. "I'll not! This is my camp and I'll stay as long as I like--"

Gary tightened the cinch on her bay and turned. "Time's short," he said curtly. "Please hurry." Olivia was beside herself with Use Clever Substitutes fury. The cool insolence of the man



her arms and stood defiantly. The 'new steel plates, manufactured be- and other academic equipment. Beghost of a smile flicked across fore the WPB order took effect. Illi- youd that the army will supervise and carried her to the waiting bay. registration plates on a permanent caped convicts are pretty mean been used since 1937.

He swung aboard his own mount and smacked the bay with his quirt. Before she knew exactly how it had close at the bay's heels.

At noon they stopped beside a spring and Gary produced sandwiches from his saddle bags. He made no attempt at conversation; seemed, in fact to be preoccupied. Frequently his dark brown eyes held a worried look as he gazed over the back trail, or paused to stand still and

the trail overlooking the river that protection in cold climates. he seemed at ease. Throughout the day Olivia had fought against an impulsive desire to apologize. It was the conflict of an independent nature against her better judgment. Presently she said: "You don't like me, do you? You hate me? You have ever since that day two weeks ago when you saw Ames Crandall

flighty." Gary kept his eyes on the trail ahead, made no reply to her comment. And Olivia said: "I can hardly blame you. I was beastly back there."

kissing me. You think I'm-I'm

Gary swung his eyes to meet hers. I just had to get you out of the house. country-in a hurry."

when again he was silent, she went ings. I'd like to know why."

don't ask me." She was silent thereafter, and by the time they had reached her father's lodge she seemed in better spirits, acted gay, tried lightly to dispel the grave concern on her fa-

ther's face. Mr. Marston, Olivia's father, gravely shook hands with Gary and asked him inside. Olivia fled upstairs to her room. Later when she descended the stairs and entered the living-room again, dressed now in a gay costume of some delicate flimsy material, it was to find the ranger still there, before the fireplace, watching her intently.

"You must stay for dinner," she told him. "And for the night, if you can remain away from your trees that long."

"Dinner, perhaps," Gary smiled. "But I must get back tonight." Olivia's spirits remained high. The unpleasantness of the day seemed to have been forgotten, and was a

though suddenly she had reached a History Proves Gallantry decision, and, reaching it, had found

a certain contentment. After dinner she strolled with Gary toward the stables and stood for a long time gazing silently at ing qualities he is showing today are the moon. The air was filled with the smell of wild things. Suddenly Gary turned. "I'm go-

tell you that, well-I owe you a sort 1242 when a Russian army under apology.' "About what I said this afternoon, mean. About not liking you.

do like you. More than like you. "Oh." Suddenly the laughter and gayness was gone. Olivia didn't

And Gary rushed on. "It was when I saw you coming down the stairs-dressed as a girl should be dressed; in things that are becoming to you. I hate women who wear men's clothes. I thought you were one of that kind. I wouldn't let myself believe that I loved you because of that."

Suddenly Olivia was smiling, as self. "Then you didn't know?" "Didn't know what?"

"Didn't know that it was because Home Chicken, Raising of you I rode up to camp this morning. Because after that first time, I wanted to see you again, and I knew that you'd find me at the their own backyard flocks of chickens camp. You didn't guess I wore those clothes because I wanted to look like the sort of girl I thought you'd like."

She nodded happily. "I hate The shortage of other meats is breeches," she said. "Hate men's resulting in an increased demand clothes. But I would have worn for poultry products which can be them-did in fact, because I thought met only if more chickens are they'd make you like me."

She might have said more, but Gary took her in his arms. "Darl- and from commercial poultry raising," he whispered, "I wanted you ers is in sight, many families can to be strictly feminine. And-" he resort again to the backyard flock paused to brush the tears from her to supply their own and some of eyes-"you are."

For 1943 License Plates will be identified this year by an unprecedented combination of new and old plates, metal tabs, windshield stickers-and even wooden plates. Shortage of essential metals is responsible for these develop-

The largest number of states will attach metal date tabs to 1942 license plates. Pennsylvania, which last year had a license plate in the form of a geographical outline of the state, will use a date tab cut like a keystone. Vermont will use 1943 date tabs made from salvaged tin cans. Arkansas is providing date tabs for passenger cars and license plates of treated wood for trucks and motorcycles.

plates for 1943; in most cases they the adjutant general's division. The are reprocessing a single plate re- college will house and feed the soltained from last year when owners dier-students in such a manner as to were given only one 1942 plate. Wy- meet army regulations and will progalled her. Deliberately she folded oming is the only state to issue two vide textbooks, laboratory supplies Gary's lips. Without a word he nois is issuing two plates made of and discipline its men. stooped, picked her up in his arms | fiber board. Delaware has put its Olivia squealed and kicked and basis with expiration dates indicatfought. But it was of no avail. Gary ed by changeable inserts, following held her firmly in the saddle. "Don't the practice of Connecticut, where be a fool," he said. "Those es- permanent aluminum plates have

Strong New Fabric

To meet the need for an extremely happened the bay was picking its tough uniform fabric for clothing for that its advocates promoted it solely way down the tortuous slope that mountain troops, textile experts of to gain popularity among their conled to the trail below. She had all the army quartermaster corps in co- stituents at home by accomplishing she could do to manage the horse. operation with textile manufacturing something which would benefit only Behind, she heard the ranger's horse companies have designed and devel-certain communities. They comslipping and sliding over the stones, oped a new sateen material with an pared the onslaught on the federal extraordinarily high tearing strength, treasury to the rush made by the Olivia's face burned with anger superior wearing qualities and ex- slaves on Southern plantations when and indignation. But once they had cellent wind-resisting characteris- the pork barrel was opened. Afterreached the trail below it was use- | tics. The new material is now being wards river and harbor improveless to attempt returning alone. She used in trousers for mountain troops ments bills were called facetiously found herself the helpless, enraged and other special forces, with the "pork barrel bills." Later the term victim of the gallant-looking ranger. expectation that it may be extended was extended to any legislation alto other military clothing uses where legedly passed for the purpose of fabric of similar characteristics may political patronage. The total conbe require Exhaustive tests have tributions to a campaign fund someproved its suitability for the uses times are called the pork barrel. now being made of it and have demonstrated that it affords an extra measure of protection from wind and cold to the mountain and cold weather troops now wearing it. It is treated with a water-repellent chemical but especially in a wartime winter. material so that it will not absorb It was not until they had reached moisture, an additional measure of

Colors Mark Departments

Of Largest Office Building The Pentagon, that monumental structure of the war department and the world's largest office building, located in Arlington, Va., across the Potomac from the capitol, is an awe inspiring edifice, both to visitors to Washington and to its newly arrived trainis. Especially is this true if they are seeking one of the individual 40,000 occupants which "Why, I'd forgotten all about that. the Pentagon was constructed to

The Pentagon has five floors iden-

are at." Approaching the Pentagon building in a taxi, one wonders how he is going to get in. The taxi man solves this problem by driving right into a tunnel nearly 1,000 feet long under the building where you are startled by a collonade of seemingly interminable huge round columns of reinforced concrete with metal shells which are painted brilliant, glossy red. When you alight in this highly modernistic tunnel at the Pentagon, you face multicolored doors, the color of which is to identify the entrance to the respective ramps which lead upward from the concourse to the five floors

Of the Russian Soldier The Russian soldier is traditionally one of the world's best, and the fightwhat one should expect from him in , view of his past record.

One of the greatest achievements ing now," he said. "I-I wanted to of the Russian soldier occurred in King Alexander Nevsky decisively defeated a German offensive against Russia. The Soviet government, on July 29, 1942, recognized this achievement by creating the Alexander Nevsky decoration made of silver for the highest display of bravery. Berlin had been stormed by the Russians in the 18th century. On

October 9, 1760, a Russian army entered Berlin after King Frederick the Great was defeated at Kunersdorf. The keys to the city were turned over to the Russian commander and they have been kept up to the present time in the Kazan cathedral at Leningrad

The Russians under General Suvorov were the first to defeat Napoleon's army, as early as 1799, at Trebia and Novi in Italy. Suvorov

Will Meet Meat Need Many people will have to raise if they wish to be sure of an ample supply of poultry and eggs under wartime conditions, it is generally

raised.

While an increase from the farms their neighbors' needs.

It requires only a small amount of labor for a backyard flock of chickens, and, if they are properly housed and managed, they can be made a constant source of food for the family.

Twelve to 20 pullets when produc-The nation's civilian automobiles ing and well cared for should provide an average size family with sufficient eggs.

Soldiers to School

The army specialized training program in colleges and universities of the country will provide technical instruction for approximately 150,000 young soldiers each year, Brig. Gen. Joe N. Dalton, assistant chief of staff for personnel, services of supply, said recently. These men, who must be under 22 years of age, will spend from 12 to 48 weeks in classrooms, laboratories and study halls preparing for special duties in such services as the air forces, corps of engineers, medical department, Only nine states are issuing new chemical warfare, signal corps and

Pork Barrel Legislation

The term "pork barrel" legislation came into being when the first bill for harbor improvements was before congress in the early winter of 1823. Opponents of the bill charged

Good Breakfast Helpful Eat a good breakfast to start a

good day is a wise rule at any time. Every active growing child needs to break his fast with foods for energy and body building. Workers on active duty on the farms, in the factory, or around the house also need foods that will stand by until noon. many calories as those who use their muscles, but they, too, can benefit from a good breakfast including a

Office workers may not need so variety of lighter foods. Even elderly people in the home often profit from a substantial meal first thing in the morning, since many prefer not to take a heavy meal before bed-

Counterfeiters Made Good

In ancient times the very practical Chinese, confronted with the prob-"But you don't like me." And tified by their respective colors. The lem of what to do with people confirst floor interior walls outside of victed for making counterfeit money. on: "Please don't spare my feel- the offices themselves are painted decided it was a shame to waste "'yellow buff." The second floor their talents, so hey put them to He turned again. "You're not my | walls are painted in a green shade, work in the mint naking legitimate kind. You belong to a different the third floor walls in a rather money. Slaves were owned not only I can't explain it. Please deep red, the fourth in a gray tone. by wealthy individuals privately, but and the fifth in quite a decided blue the government itself held many to -all done with flat paints. The perform various services. The bupainting of adjacent hallways and reaucracy of the government, insocorridors on the respective floors far as minor functionaries was has been done in corresponding col concerned, was composed largely of or schemes to further reassure visi slaves, rather than of the type of tors and occupants of "where they "payrollers" with which modern governments are sometimes charged by opposition parties.

> Family Can Fight Fire An annual farm fire loss of 3,500 lives and \$225,000,000 worth of property can be prevented if farm people step up their fire protection. Family organization is suggested as one means of stopping what may be serious fires. Each of the older members of the family is given a specific duty to perform in case of an emergency. All members of the family should know certain facts about

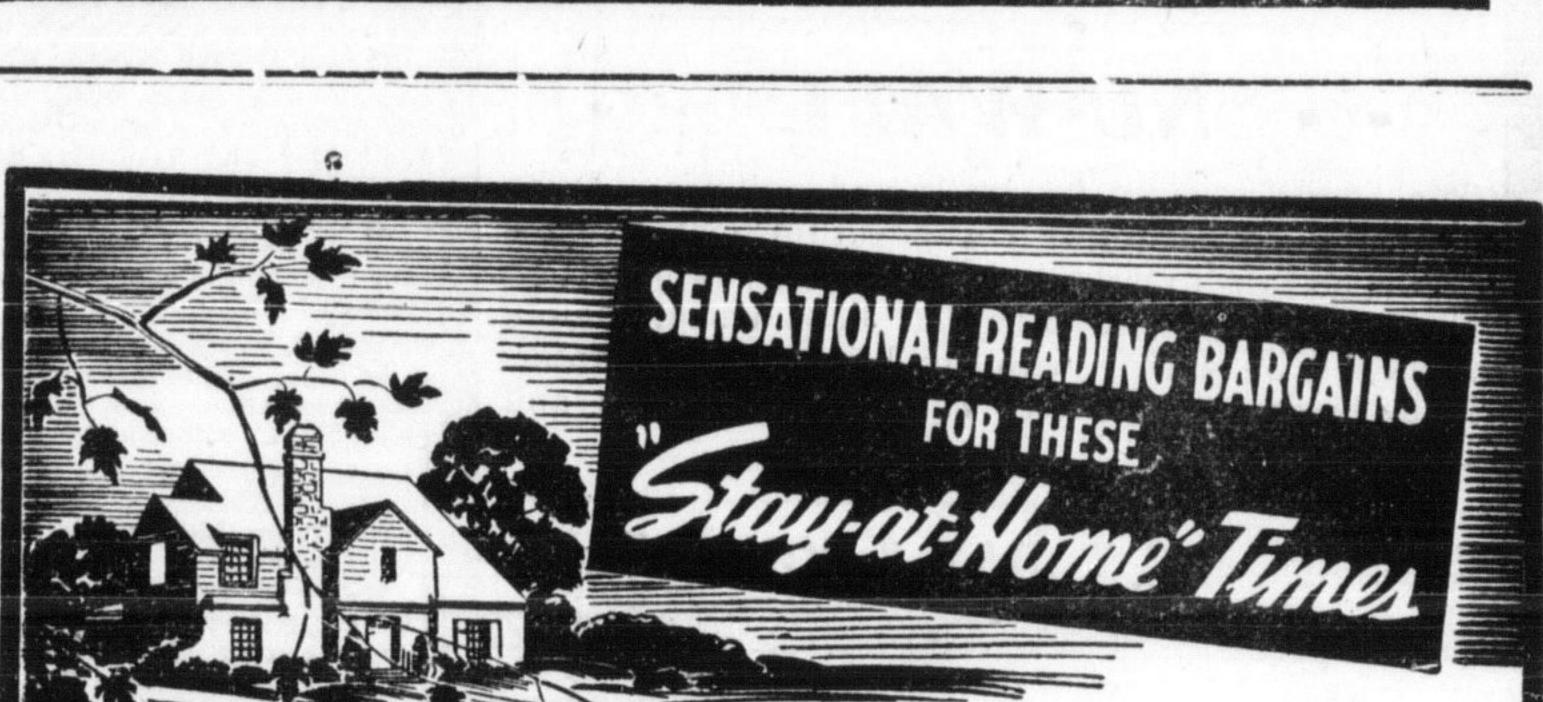


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