

NEWS ABOUT THE Farm

Iron Chlorosis Deficiency Cause In Trees, Shrubs

If some of your trees and shrubs have that yellow anemic look they are probably suffering from iron chlorosis, according to Leeds Bailey, county extension agent. He reports that the problem shows up each year to plague gardeners in a number of areas in the county.

The cause is a deficiency of iron in a usable form in the soil. Alkaline conditions of time tie up the available supply of this element which is necessary for satisfactory plant growth. Plants growing on such soil may have a yellow color and fail to grow properly.

A promising answer to this deficiency is a relatively new product called iron chelate. A number of trees and shrubs in the area were treated successfully last year.

Bailey said driving nails into trees or burying scrap iron around their roots fails to correct the deficiency because the plants can't use iron in the metallic or rust form.

Milk Evaluated By OSC Expert

Based on current commercial prices of 23 of its principal parts, a quart of 4% milk is a sound food value today at about 42 cents a quart, according to Oregon state's Dr. G. A. Richardson.

Protein, biggest single value item is worth about 26½ cents, based on price paid for it in other foods.

Lecithin and cephalin, next biggest value items, amounted to 4 cents.

Other values in a quart of milk include calcium worth about 3.2 cents, fat worth about 2.6 cents and milk sugar about 1 cent. Probably the most expensive part on a weight basis is vitamin B12 which figures out at 1.7 cents.

Adding up to about 3 cents are the other elements in a quart of milk.

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Fertilizer Urged For Top Yields

There are many factors involved in growing a crop. Fertilizer is only one factor, but an extremely important one. The use of good seed, free of noxious weeds, of high germination and of adapted variety, is important. American farmers, however, are more and more depending upon fertilizer for increased yields.

Fertilizer properly used is one of the best investments a farmer can make at today's prices. Both research and practical farm experience indicate that investments in fertilizer not only help to increase maximum yields but it contributes in another way by stabilizing crop yields and income under adverse weather conditions.

The first essential step in profitable use of fertilizer is to have a soil test made.

A farmer must realize the capabilities of the soil, drawing up a sound plan and understanding the basic economic principles involved, all of which are prerequisite steps to the wise use of fertilizer.

Banks Equipped To Aid Farmers

Addressing the American Bankers association in Chicago, True D. Morse, undersecretary of agriculture declared: "Banks were never so well equipped to work with farmers in the management of their farms and family finances. There are over 600 farm specialists on the staffs of banks with an estimated 1000 or more agricultural men employed by banks."

Pointing out that "leadership and sound guidance by those providing credit will often be more important to farm families than the money loaned," the USDA official told the bankers "money loaned under wise and careful supervision puts farmer, and the banker or lender, in a partnership that can hardly be kept from making real progress."

Farm and Barn News and Views

By LeRoy Pulliam

Agricultural flaming is without question the most rapidly developing branch of the liquefied petroleum industry. While this activity has shown its greatest growth in the west and southwest, it has no geographical limitations. New uses for torches and burners of the type used in weed and insect control on farms are constantly being developed.

A Nyssa man, Wilton Jackson, has been a pioneer in this industry. The use of gas for ditch bank burning has increased from 70,000 gallons for the year 1956 to 100,000 and up for the year 1957. Jackson has over 100 two-wheel trailer-type single burners out in use now.

In some areas of the country, farmers are converting their tractors to LP or butane. Jackson does not recommend converting old tractors to this use however, as factory constructed models are more satisfactory. They have larger pistons, cold manifolds (no need for a gas to form, as in gasoline and many other changes).

This method of weed control is being used in field crops and row crops. The market gardens of New Jersey, the potato fields of Maine and Idaho, corn and wheat in the north central states, cotton in the south and pasture and range lands everywhere are coming to this method of weed and insect control.

The starting point of all agricultural flaming equipment is the flame thrower type burner. These are made in various sizes and shapes to fit the needs for each use. They all develop a high velocity flame.

Flame cultivation is seldom a one-time process that accomplishes miracles. It is simply another process enabling a farmer to control weeds. Its success depends on the difference in tolerance to the heat between the crop to be protected and the weeds to be destroyed. These differences are sometimes temporary so it be-

Vaughn Graduates At BYU in Provo

Larry Vaughn, former Nyssa, graduated from Brigham Young university at commencement exercises there Friday and will accept a position as Boy Scout field man at Idaho Falls in the fall.

Vaughn, who majored in executive scouting, is scheduled to take a six weeks' training course in New Jersey this summer. He and Mrs. Vaughn, the former June Peterson of Nyssa, will spend the major part of the summer at the homes of their parents, Mr. and Mrs. George Vaughn, Fruitland, and Mr. and Mrs. Glenn Peterson, Nyssa.

Mr. and Mrs. Peterson, Dee Ann and Kathy attended the commencement exercises.

comes important to time the operation rather carefully.

With some crops, a pre-emergence burning works. This is a process of burning the weeds before the crop is up. With perennial weeds there must be repeated burnings as they will re-sprout. There are plants in both the annual and perennial groups which have long top root structures. Some examples of these are alfalfa, strawberries, root vegetables and many more. These plants tend to go into a state of shock and send out many feeder roots and this is followed by a more vigorous root growth. Old alfalfa stands have yielded more by burning, as have onions. These were not caused by less weed competition but by the more vigorous growth.

Flame cultivation as applied to growing weeds is not intended to consume the plant—rather the object is to raise the temperature of each plant cell sufficiently high to rupture. The manufacturing process is carried on in the leaves and without these the plant dies unless the root has stored energy to start over.

This method of cultivation can be helpful to many farmers as one of the ways to control unwanted plants and increase quality and yield of a crop.

Newell Heights

Modern Pioneer Club

(Last Week's News)

Daily vacation Bible school started at the Presbyterian Community church Monday morning with an enrollment of 57 pupils and 17 teachers. Mes. John Auker and Edna DeHaven with the assistance of Mrs. Athol Sayre have been in charge of the organizing of the school. The mothers and young people have cooperated in preparatory work.

The Jake Borge family met relatives, Mr. and Mrs. Lyle Harvey, and Mr. and Mrs. Cecil Parker and families at the Payette Cemetery Thursday morning. Later they had dinner in Weiser at the Harvey home. The young people went swimming in the Campbell Hot Springs in the afternoon.

The mothers of the 6th, 7th and 8th grade pupils of the Presbyterian church helped the young people give the church members of the 8th grade graduating class a banquet Wednesday night. Members of the class from here were Dale Borge, Alice Simpson and Ann Newman.

Alice Simpson returned from the Shriners Childrens hospital Saturday week where she underwent surgery.

Mr. and Mrs. Luit Stam visited in the Dick Stam home near Fruitland Sunday evening. Mrs. Vern Butler and Pauline attended the wedding of a friend in Ontario Sunday afternoon. Later they entertained at a birthday celebration in the Margaret Payne home honoring Pauline's birthday anniversary.

Mrs. Virginia Timmerman attended the pre-school meeting in the Mrs. Meta Kurtz home Thursday evening.

Mr. and Mrs. David Highland and children came Thursday and visited friends and relatives until Monday.

Memorial Day dinner guests in Mrs. Lydia Worden, Lois Rathbun, Elvin Worden home included Mrs. Elvin Worden, Mrs. M. and Mrs. Bob Halverson and family of Caldwell, Mrs. Verna Costley and Linda of Adrian. Lois Rathbun remained for a visit in the Worden home returning to Cald-

well Saturday, Miss Rathbun, granddaughter of Mrs. Lydia Worden, is a graduate nurse and is receiving physical therapy instruction at Mayo Bros. where she will graduate in August.

4-H boys and girls who will be exhibiting at the spring fair this week and giving demonstrations will take materials to Ontario Tuesday morning.

Margaret Butler played in Miss Hoffman's piano recital in Caldwell Tuesday night and her selections were three numbers, "Confidence" by Felix Mendelssohn, Chopin's "Prelude in A Minor" and "In a Chinese Tea-room" by Grant. Mes. Margaret Payne and Vern Butler and her sister, Pauline Butler attended the recital.

Mr. and Mrs. Bob Kurtz were hosts at dinner Thursday evening for the Elmer Cruson family of Nyssa, Mr. and Mrs. David Highland and children of Pendleton, Mr. and Mrs. Dudley Kurtz and children and Mr. and Mrs. M. L. Kurtz.

Mr. and Mrs. Roy Mecham and Linda of Nyssa were Sunday dinner guests at the Carl Percy home. In the evening the Thurman Percy family of Nyssa and the Wayne Percy family of Parma were visitors.

Ellen Percy, daughter of Mr. and Mrs. Wayne Percy is staying in the Carl Percy home and attending Bible school in Adrian.

Mr. and Mrs. M. L. Kurtz met with Kurtz relatives from Sweet, Emmett and Boise at the Middleton Cemetery and with Mrs. Kurtz's people in the Ten Davis Cemetery, then gathered for a picnic dinner in the I. C. Durnil home Memorial Day.

The Vern Butler family attended commencement exercises in Fruitland Wednesday night to see Judy Vanderpool graduate.

Mrs. David Highland visited with Mrs. Sally Judd Saturday afternoon. Sunday Mrs. Highland and Mrs. M. L. Kurtz visited Will Gahley in Parma.

Pauline Butler was an overnight guest Saturday of her cousin, Ann King in Ontario.

H. E. McLaughlin of Boise came Sunday to visit his sister, Mrs. M. L. Kurtz and two members of his family, Elaine and Bill McLaughlin who arrived by bus Monday from Seattle.

Sunset Valley

Lois Counsil
Phone 2439

(Last Week's News)

Bob Newgen took his sons and parents Mr. and Mrs. L. E. Newgen to Wallowa in his trailer house for a camping trip last Sunday. Saturday Bob and Vera Wilson visited her brother, and family in Baker. Sunday they went to Wallowa and brought the campers and trailer home. During the week they visited the Melvin Pendarvis family and the Lynn Buffington family. Mr. and Mrs. Lloyd Tobler of Nyssa stopped at the camp Saturday.

Mrs. Agnes Chadd returned home from Vale Monday night to be home for some time.

Mr. and Mrs. Henry Collier and Mr. and Mrs. John Collier and baby and a friend all of Ontario were Sunday dinner guests of Mr. and Mrs. John Reffett.

Mr. and Mrs. Loren Hite spent the weekend at the John Reffett home. Their son, Shorty who was visiting there, returned home with them.

Mr. and Mrs. Donald Johnson of Jameson and Mrs. Ed Kendall of Vale visited their sister, Mrs. Elvin Orm and family Sunday.

Mr. and Mrs. Robert Schweizer and baby of Burns visited from Saturday to Sunday with his parents, Mr. and Mrs. O. H. Schweizer.

Mr. and Mrs. Marion Carey and children of Grangeville. Ida. visited from Thursday to Saturday with her parents, Mr. and Mrs. Ira Price.

The families of Marlon Carey of Grangeville, Kenneth Price, Don Share, James, Jr. McGinnis of Caldwell and Mrs. Orville Groves of Parma had a picnic at the Ira Price home Saturday.

The Pleasant Hour club will meet June 11 at the Ira Price home.

The Sunset Valley Auxiliary meeting has been postponed. Plans will be phoned to members.

Mr. and Mrs. Clyde Hoke came from Culver City Memorial Day and visited Mr. and Mrs. Ira Price Thursday evening. His mother, Mrs. Emma Pitkin returned home with them.

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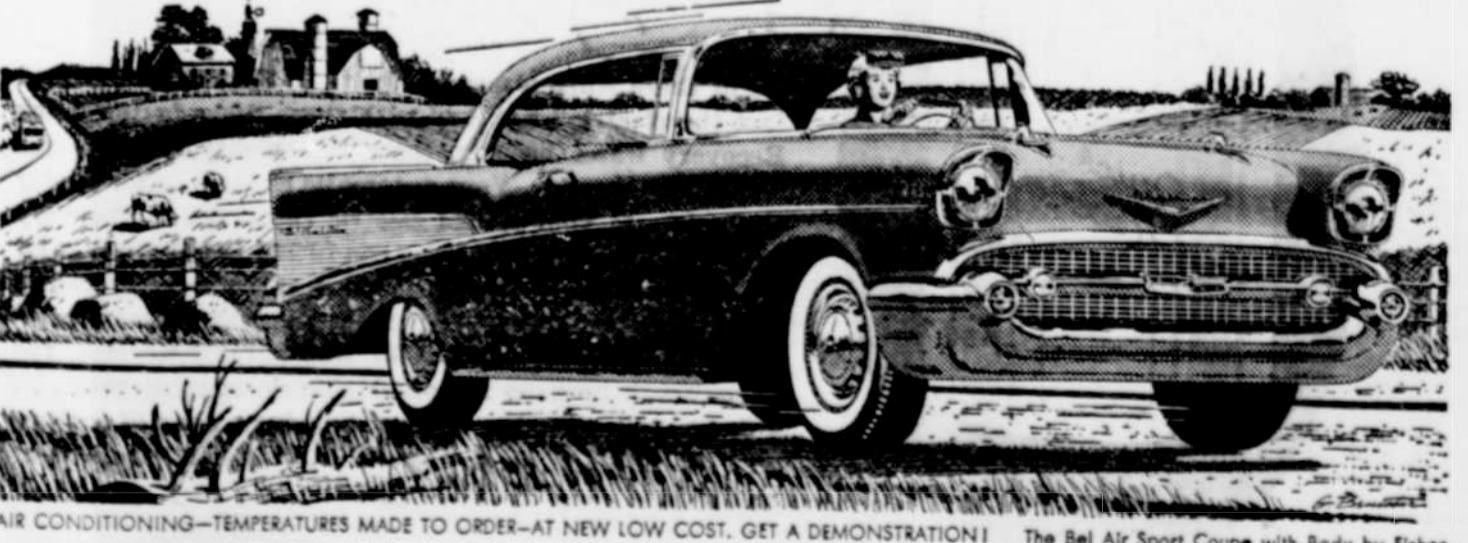
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