

Fertilizer Tips

By E. Sloan

CARBON DIOXIDE in Compost
Although many of us accept the fact that the proper manipulation of decaying organic matter will provide a substance for the growing plants, that is superior to chemical fertilizers, there are a few of us with a touch of scientific curiosity who would like to know why this is so.

It is an accepted fact, proven by scientific experiment that carbon dioxide is necessary to the life and growth of plants as oxygen is necessary to animal life.

Nature has provided for a continuous supply of carbon dioxide. All dead organic matter decays and ferments back to simple matter, mainly carbon dioxide.

This brings us back to our main topic: the role of carbon dioxide in composting. Besides improving the soil, compost is a material that is at just the proper stage for conversion into a ready supply of carbon dioxide for the plant. Edwin C. Miller, in his book, "Plant Physiology," records the work of several experiments, to study the effects of increased supply of carbon dioxide above normal atmospheric conditions on the growth of plants. In most of the cases it was discovered that plant growth was increased and were in a healthier state. It was noted also that several of the experimenters remarked that an increase of carbon dioxide concentration could be produced by the proper maneuvering with organic fertilizers. It seems logical to suppose that the good effects caused by loosening the soil around the plant and weed removal allows more carbon dioxide to be released to be used by cultivated plants.

Carbon dioxide concentration from compost may also cause fewer insects on plants.
Hang Onto Your Hats!
The organic gardener applies potash in considerable amounts by composting plant residues. Nobody knows what potash actually does to the plant, though many opinions are going around as if they were proven facts.

Nobody knows even how potash will re-act in a soil, as Hoagland describes in his "Lectures on the Inorganic Nutrition of Plants," in Chronica Botanica, 1944. But we know that potassium in the form of de-composed vegetable matter goes with every type of soil and with every kind of plant.

visitors at the Bollinger home. While picking blackberries, they said they had read about such and had heard of them, but never expected to see such a sight.

Mr. and Mrs. Larry Whytal of Whytal's Ready-to-wear Store at Klamath Falls, were visitors at the home of Mr. and Mrs. Ray Guerrettaz, Tuesday.

Mr. and Mrs. E. H. Lovell and Mr. and Mrs. Ralph Atwood of Medford were callers last week of Mr. and Mrs. A. V. Muchmore.

Hans Nelson of Brookings was a business caller at Grants Pass last week.

Miss Mercedes McIndoe, Smith River, arrived in Brookings this week to spend a vacation with Miss Mildred Drake.

Mrs. W. H. Merrill, Mrs. Walter Muhlmann and Miss Mary Stillings of San Francisco were recent visitors of their aunt, Mrs. Amanda Steeves of Brookings.

G. W. Johnston and daughter, Irene, of Pistol River were business visitors at Brookings this week-end.

Mr. and Mrs. Jim Ostrander of North Bend were guests of Mr. and Mrs. Mike Page last week.

Mrs. E. Moore returned to this area Sunday after an absence of six years, part of which was spent at Couer d'Alene, Idaho.

Favorite Recipe

This recipe is especially fitting now, since rhubarb is in season. It was submitted by Mrs. Earl McPherson of Harbor:

RHUBARB CUSTARD PIE

3 cups diced rhubarb.

1 egg, beaten slightly.

Few grains salt.

1 to 1 1/2 cups sugar.

3 tablespoons pastry flour.

Add sugar, flour and salt sifted together to egg. Add rhubarb and stir until well coated. Turn into a pastry-lined pan. Place strips of pastry criss-crossed over the top. Bake in oven 450 degrees for 15 minutes, then reduce heat to 25 minutes baking until rhubarb is tender and crust is a golden brown.

Local News Items

Attorney and Mrs. Ed F. Ackley returned home Tuesday afternoon after a week-end spent in Salem and other Willamette valley points.

Mr. and Mrs. William J. Ward and son, Billy, of Seattle, have moved to Brookings. He will open a mens store soon, to be known as "Ward's Clothing Store," in the Gardner building. Mr. Ward was born and reared in this community and is the son of Mrs. Bernice Echols.

Miss Alewah Leidig of Hayward, Calif., is now visiting her grandmother, Mrs. Laura Millgard, here.

Miss Ruth Newton of Harbor has been on a combined business and pleasure trip to Klamath Falls and Portland for two weeks. She is expected home this week.

A number of local people enjoyed a Sydney Armer display of wild flower paintings at the William Crissey home Sunday.

Tom Shuster of Talent arrived Tuesday to visit his sister, Mrs. Lillie Myers and other relatives.

Gardens of Mr. and Mrs. Grant Powell, Mr. and Mrs. Crissey and Mr. and Mrs. Roy Becker will be visited by the Azalea Garden club this afternoon following the meeting at the Azalea park. At the Becker home they will hear an informal lecture on birds by Mr. and Mrs. Becker, who are lovers of birds and do much to attract them to their garden.

Mr. and Mrs. Will McVay gave a farewell party, Sunday, for Mr. and Mrs. Phil Schroeder and son, Phil Edward, who plan to leave this week-end to live at Klamath Falls, their former home. Several friends were present at the affair.

Mr. and Mrs. Clem Geizer of Missoula, Mont., were week-end

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WATCH THIS CORNER

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THEATRE

Box Office Opens 7:45

Brookings -:- Oregon

Friday and Saturday—

August 9 and 10—

THE CRYSTAL BALL

—With Ray Milland and Paulette Goddard.

Plus a cartoon

Sunday and Monday—

August 11 and 12—

ERNE PYLE'S

"STORY OF

G.I. JOE"

BURGESS MEREDITH ERNE PYLE

WILLIAM A. WELLMAN

Wednesday and Thursday—

August 14 and 15—



The Lady and the Monster

VEDA HIRUBA RALSTON
RICHARD ARLEN
ERICH STROHEIM

A REPUBLIC PICTURE

Also a cartoon.

A Letter

Members of Coos Electric Co-op:

We, too, have made progress in Brookings-Harbor area. Look at these facts:

Since the first of the year, your co-op has installed \$10,000.00 in generating equipment;

Your co-op is rebuilding, not patching up, an entire electric system—new materials throughout, so that it will be a job which will not have to be re-built in the next two decades;

Your co-op, when re-built, will have a capacity sufficient to capably serve all homes and the prospective enterprises which will come to our community in the next generation.

All this, co-op members, we are doing with our own money, keeping our money at home—not paying it out in profits to some company. We are doing it ourselves—for ourselves.

Coos Electric Co-op