

## Fertilizer Tips

By Robert Sloan  
Excerpt from "Pay Dirt," by Rodale, editor of Organic Farming.  
Many farmers who rely chiefly on chemical fertilizers grow green crops which they plow under for organic matter. Such crops may be of rye-grass, clovers, buckwheat, etc. But this is not always effective as it sounds. The "digestive" powers of the soil—its ability to break down organic matter—depend upon its fertility. Presence of large amounts of plant matter can inhibit the growth of bacteria, fungi and worms, and thus reduce the digestive power of the soil. Where a crop of green is plowed under there may not be much fertility, but if it gets too high

before this is done, the new crop may suffer from an insufficiency of available nitrogen and other plant nutrients.

Plowed under green matter must be worked on by soil bacteria and fungi and to do this they have to feed on the available nitrogen, thus the new crop that has been sown suffers. During the next year, when the soil micro-organisms die and their nitrogen-enriched bodies go back to the store of fertility reserves, good crops ensue. Of course, a thin layer of green matter will be more-or-less broken down by an average soil, but heavier crop residues while they will ultimately enrich a soil, will only act as a deterrent to the growth of the next crop. This is one very good reason for applying composted or predigested organic matter.

The power of "digestibility" of a soil is in direct relation to the amount of microbes, and other life contained in the soil. Chemicals that destroy the beneficial life, lower this power of "digestibility" and make the soil less fertile.

## Local News Items

Rev. E. C. Hicks, pastor of the Smith River Methodist church, and his daughter, Mrs. R. D. Rowley, were brief visitors here Monday morning.

Dr. A. O. Schmitt and Dewey Akers attended a board of directors meeting of Coos Electric Cooperative, at Coquille, Saturday afternoon.

Homer Kessler returned Sunday morning from Portland where he had gone on a business trip, in interests of the Curry County Lumber Co.

Mrs. Mildred Byrne was a Portland visitor over the week-end.

The Satellite club held its regular meeting at the home of Mrs. Lloyd Moss, last week, when ways and means of raising money were discussed. The next meeting will be held, October 10, at the home of Mrs. Fay Sunderland.

## With The Churches

### Baptist Community

REV. CHARLES E. DUNHAM, PASTOR  
O. C. Turley, Music Director  
Sunday school at 9:45 a. m.  
H. Hoagland, supt. Classes for all ages.

Morning Worship at 11 a. m.  
The pastor will preach the sermon. Special music by the choir.  
B. Y. F. meeting at 7 p. m.

### Smith River Methodist

Sunday School at 10 a. m. Mrs. Grace VanZee, supt.

Morning Worship at 11 a. m.  
Rev. E. C. Hicks will deliver the sermon.

### Christian Science Society

Services Sunday at 11 a. m. at the I. O. O. F. hall. The public is cordially invited to attend.

"Matter" was the subject of the Lesson-Sermon in all churches of Christ, Scientist, on Sunday, September 22.

The Golden Text was "Tremble, thou earth, at the presence of the Lord, at the presence of the God of Jacob." (Ps. 114:7).

Among the citations which comprised the Lesson-Sermon was the following from the Bible: "No man can serve two masters: for either he will hate the one, and love the other; or else he will hold to the one, and despise the other. Ye cannot serve God and mammon" (Matt. 6:24).

The Lesson-Sermon also included the following correlative passages from the Christian Science textbook, "Science and Health with Key to the Scriptures" by Mary Baker Eddy: "It is impossible to work from two standpoints. If we attempt it, we shall presently 'hold to the one, and despise the other'" (page 182).

### Star of the Sea Catholic Church

First Sunday of month at 12 noon.

All other Sundays at 8 a. m.  
Rev. Daniel Kelly, Pastor.

### Curry County Mission of the Episcopal Church

Port Orford: St. Christopher's chapel. Church School and worship at 10:30 a. m. Vicar—The Rt. Rev. Thomas Jenkins.

Gold Beach: St. Matthew's Chapel. Holy Communion at 8:00 a. m.; Church School at 10:00 a. m.; Morning Prayer at 11:00 a. m. Vicar—The Rev. Luther Ison.

Brookings: St. Timothy's Chap-

el. Holy Communion first Sunday of month at 7:30 a. m. (Community church), third Sunday of the month at 11 a. m. (Harbor Grange hall). Evening Prayer at 5 p. m. (Community church) when notice is given. Vicar—The Rev. Luther Ison.

### Latter Day Saints

Sunday school every Sunday at

10 a. m. at Harbor school house. George Baxter, president; Ira Brown, first counselor and Parley Willard, second counselor.

### Seventh Day Adventist

Sabbath School at 9:45 a. m. Church services at 11:15 a. m. Young peoples meeting at 4:00 p. m. Prayer meeting, Wednesday at 8:00 p. m.

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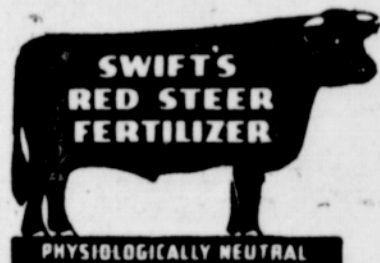
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