

southwestern Saskatchewan and southern Alberta, one crop on summer-fallow usually reduces the soil moisture to such a low percentage as to suggest the necessity for another summer-fallow. Hence, in these parts, it is frequently advisable to summer-fallow every second year instead of every third year as recommended for those parts of these provinces somewhat more favourably situated as to rainfall.

SUMMER FALLOWING METHODS.

The summer-fallow treatment should be begun by giving the field a good ploughing. Plough from 7 to 8 inches deep. Plough the forepart of June and thus prepare the land to receive and hold the June and July rains. Harrow right after ploughing or, better still, at the same time, certainly not later than the next day. There is only one right way to handle the land after ploughing. Instructions as to handling might, however, be given in several apparently distinct sentences, although they all amount to the same thing, thus:—

1. Cultivate the summer-fallow frequently throughout the growing season; or
2. Keep the summer-fallow black; or
3. Maintain a mulch or dust coat on the fallow;
4. Do not allow weeds to grow on the summer-fallow.

POINTERS.

TREAT THE SEED FOR SMUT.

(See page two.)

Do the seeding early. Early-sown crops have a considerably better chance of giving good returns than late-sown crops.

RATES OF SEEDING TO ACRE.

On Summer-fallow or New Land.	On Stubble.
Wheat, $1\frac{1}{4}$ to $1\frac{1}{2}$ bushel.	$\frac{3}{4}$ to $1\frac{1}{4}$ bushel.
Oats, $1\frac{1}{2}$ to $2\frac{1}{2}$ bushels.	$1\frac{1}{2}$ to $1\frac{3}{4}$ bushels.
Barley, $1\frac{1}{4}$ to $2\frac{1}{2}$ bushels.	1 to $1\frac{3}{4}$ bushels.
Flax, 30 to 40 pounds.	25 to 30 pounds.

DEPTH TO SOW SEED.

The seed should always be sown deep enough to be **INTO** the moist earth. From 2 to $2\frac{1}{2}$ inches is a safe depth no matter how much moisture may be in the soil. If the land is very dry, go deeper.

- (a) On summer-fallow land sow about two and one-half inches deep.
- (b) On stubble land sow about three and one-half inches deep.
- (c) If ground is rather dry at seeding time, sow a little deeper.
- (d) If ground is fairly damp, a little less pressure is needed.

THE PACKER.

If ground is very loose, pack either before or after seeding.