

EXPERIENCES

All subscribers are invited to write for this column. For each accepted article we give 30 cents, either in subscription or advertising. Make your articles brief and write as often as you like.

Separator Springs.—The article by W. M. Scott, in the last issue, on separator springs is good. I have a separator and have spent \$6.25 for springs alone in less than three years. Have lately been using a rubber ring, cut from an old wringer roll, that gives entire satisfaction.—W. J. L., Pierce Co.

Wire Gates.—We see many wire gates, some made to pass through a pasture occasionally and some to open daily at the residence, but very few of them operate properly. I use them almost wholly and prefer them to board gates because they are lighter and are not affected by the wind. The main point is to get a proper connection between the gate post and the gate bar. I make this by nailing a piece of hoop iron onto the post and stapling heavy smooth wire onto the bar in such a way that they stand out straight and do not need to be touched to shut the gate. So by putting one shoulder against the bar and having both hands free to pull on the post one can shut a gate even if the wires are quite tight.—M. A. Shuster, Jr.

Starting a Balky Horse.—Tie a rope or strap to his tail; get into the wagon and tell him to "get up," at the same time give a vigorous pull at the strap and pull till he starts. If he will not start this way he will not start by tying his tail to the singletree, for in that way he must do the starting while by the former method you will do the starting act. After he has started the load, slacken your tail line, and fasten it to the seat or other convenient place, in case you should need it again. I have not had any trouble in starting balky horses in this manner so far, and it is about as humane a treatment as a man can give a balky horse. It is a good plan to let the balky horse start the empty wagon once or twice before loading up, and do not put on all the wagon will hold the first time, but load light and gradually increase his load and he will pull a load that will surprise you.—N.

Manuring the Orchard.—In this vicinity, where we have an annual rain fall of only about 10 or 12 inches, to raise an orchard one has to use some brain work. We note that the best way to fertilize the orchard is to haul the fertilizer on in the fall, then in the spring rake the coarse straw together and burn before plowing the ground. This may be done every year and brings good results. It takes very thorough surface cultivation to make the trees do the best. We believe it is best not to grow anything in the tree rows, unless possibly a row of currants or gooseberries. Some try raising potatoes or garden truck but we shall not do so after this year in ours. I would ask if anyone has a better remedy than the steel trap for those little gophers that gnaw the roots off so one can lift the tree out of the ground like a stick. If so, we would like to hear from him.—A. O. Lee, Adams Co.

Fast Walking Horses.—A few years ago a friend awakened an interest in me in the fast walking horse by showing how much more was accomplished on the farm with such a horse. I then resolved to break my farm horses to fast walking, and I have almost surprised myself at it. The way I did this was by working young horses with fast walking ones. In breaking and leading colts and in riding them I first urged them to fast walking. Then I worked them by the side of fast

walking horses till they got the fast gait. I found this an excellent plan to fix a walking gait, for it is more a habit than anything else. To see what advantage in practice this was at actual work I put one of my fast walking teams to cultivating corn, and also put in a team that had not been broken to the fast walk. I watched the results for many days, and found that my fast walkers did at least one-third more cultivating than the ordinary walking team. It was rather more than one-third than a less number of rows cultivated in the same field in favor of the fast walkers. I am satisfied that the fast walking gait can be secured with a little pains in breaking colts and young horses, and in these times of higher wages and scarce labor on the farm it will pay any farmer to take the pains I have done, in breaking his young horses to a fast walking gait.—W. G. Leeds.

The "Home Industry" Idea.

A great deal has been said and written these days about patronizing home industry. The papers are full of it, the manufacturers and merchants are continually preaching the doctrine. Much of their effort is directed toward impressing the farmer with the idea that the prosperity and future welfare of their communities depend upon keeping the money at home. It is a good thing and The Ranch believes in it on general principles. But the doctrine should be made to work both ways. It seems hardly fair, for instance, for the merchant to holler "home patronage" and then, because he can save a little money, ship in California fruits and vegetables, eastern dairy products, canned meats, etc., thus smashing home prices. The home manufacturer who can sell as good goods at as low prices as the eastern product is in a position to ask—aye demand—the loyal patronage of our people. But unless he can do so, he has no reason for existence.

This is the coming country and we'll do a lot of growing from now on. We are getting out of the peanut-stand business in the Pacific northwest and are assuming proportions of some importance. Twenty-eight thousand ton steamships to handle Oriental trade, steel rolling mills, great flouring mills, cordage works, and other like enterprises, are coming along at a lively clip. Washington is a seaport state with unrivalled facilities for handling the world's commerce.

The editor had, on this subject of home manufactures, quite an interesting talk recently with D. F. McConaughy, manager of the Seattle Paint & Varnish Co., an enterprise that started on a modest scale a few years ago, and has grown to be one of the most important manufacturing concerns in the state. When asked to account for the remarkable upbuilding of his firm he said it rested on the fundamental basis of all success in manufacturing—getting the raw product direct, cheap transportation and employment of the most modern equipment and the most skilled labor obtainable. A great many of the ingredients required in the manufacture of their paints which cannot be obtained in this country they get by the shipload from Europe as return cargoes, thus enabling them to compete successfully with the eastern manufacturers. They make all the various kinds of paints in general use and guarantee the same to be of the best quality, and at prices which make it an object to use them.

Now The Ranch thinks that here is a case where everyone of its 10 000 subscribers can apply the home patronage idea with profit. They sell you as good paints and as reasonably as you can get them from the east and they are therefore entitled to your business. We hope and request that you buy their paints because we want to see them develop into a great

big manufacturing concern right here amongst us. Now first to show you how much we want to help this firm along we will print, following this complimentary article, a complete list of dealers throughout the Northwest handling their paints and when you want any paint go to your local merchant named and speak up in a loud voice for Seattle Paint & Varnish Co. brands. Here is the list:

- L. Adam.....Ontario, Ore.
- G. S. Allen.....Endicott, Wash.
- Chas. A. Anderson.....Marysville, Wash.
- Dr. A. M. Baker.....Starbuck, Wash.
- W. L. Barker.....Condon, Ore.
- C. A. Barrett.....Athena, Ore.
- Baske & Huesman.....Davenport, Wash.
- Basche-Sage Hdw. Co.....Baker City, Ore.
- Basche-Sage Hdw. Co.....Sumpter, Ore.
- G. W. Bassitt.....Washuacna, Wash.
- J. M. Batton & Co.....Hatton, Wash.
- A. E. Baungard.....Lisabeula, Wash.
- E. H. Blair.....Marysville, Wash.
- Bloom & Auckland.....Fairfield, Wash.
- H. L. Bond.....Hillyard, Wash.
- Brewster Drug Co.....Brewster, Wash.
- Bridgeport Drug Co.....Bridgeport, Wash.
- A. M. Bryant.....Buckley, Wash.
- Paul Burgund.....Keuterville, Ida.
- Burnaugh & Mayfield.....Enterprise, Ore.
- Capitol Lumber Co.....Boise, Ida.
- Cavanaugh Bros.....Kent, Wash.
- Thomas Chapman.....O'Brien, Wash.
- C. M. Christensen.....Enumclaw, Wash.
- City Drug Store.....Port Orchard, Wash.
- M. O. Clark.....Condon, Ore.
- J. J. Cox.....Quincy, Wash.
- M. J. Crawford.....Snoqualmie, Wash.
- C. D. Daniels.....Dalles, Ore.
- C. M. Davis & Co.....Hogquam, Wash.
- Davis Hardware Co.....Mt. Vernon, Wash.
- The Davis Implement Co.....St. John, Wash.
- E. A. Dimick.....Stanwood, Wash.
- I. C. Dirstine.....Connell, Wash.
- John T. Dirstine.....Lind, Wash.
- J. W. Dunlop.....Loon Lake, Wash.
- Emmett Mercantile Co.....Emmett, Ida.
- Enterprise Mercantile & Milling Co.....Enterprise, Ore.
- C. M. Evans & Co.....Clarkston, Wash.
- S. A. Ferguson & Son.....Dayton, Wash.
- G. W. Finney Lumber Co.....Odessa, Wash.
- Mrs. E. Fryxell.....Asotin, Wash.
- W. P. Gable.....Hamilton, Wash.
- Garfield Hardware & Mercantile Co.....Garfield, Wash.
- Garrison Bros.....Sumas, Wash.
- J. B. George.....Sunnyside, Wash.
- Robert Gerry.....Pasco, Wash.
- J. H. Gibson & Co.....Issaquah, Wash.
- T. B. Gilmour.....Dayton, Wash.
- Goldfinch Bros.....Everett, Wash.
- Samuel Goldston.....Cottonwood, Ida.
- Henry D. Gunn.....Startup, Wash.
- Haines & Spratt.....Cle Elum, Wash.
- A. M. Hall & Son.....Joseph, Ore.
- H. Harrington Co.....Vashon, Wash.
- D. A. Hawkins.....Emmett, Ida.
- Hayden Lumber Co.....Spokane, Wash.
- James Henderson.....Sunnyside, Wash.
- J. H. Holland.....Oakville, Wash.
- Hood Bros.....Johnson, Wash.
- A. K. Horn.....Moscow, Ida.
- C. B. Hovey & Son.....Blaine, Wash.
- James Hull.....Wilson Creek, Wash.
- W. G. Jackson.....Shedds, Ore.
- C. V. Johnson.....Troy, Ida.
- Johnson & Bork.....Port Angeles, Wash.
- Lee A. Johnson.....Sunnyside, Wash.
- Jones, Jones & Co.....Black Diamond, Wash.
- Fred H. Kelley.....Wallace, Ida.
- Kenwick Hardware Co.....Kennewick, Wash.
- Kent Hardware Co.....Kent, Wash.
- John Kleba.....Sprague, Wash.
- Kuhnley Bros.....Prosser, Wash.
- G. B. Kuykendall.....Pomeroy, Wash.
- Lamb-Davis Lum. Co.....Leavenworth, Wash.
- Lamont Hdw. Co.....Sedro-Woolley, Wash.
- Lane Bros.....Fremont, Wash.
- Milton Lauer.....Payette, Ida.
- B. Lavine & Co.....Latona, Wash.
- L. E. Lawrence.....Zillah, Wash.
- D. R. Laycock.....Fuyallup, Wash.
- J. T. Lobaugh & Co.....Pullman, Wash.
- Loree & Son.....Bliss, Ida.
- Lutzhoft & Denny.....Reardon, Wash.
- Lac Lafferty & Sons.....Aberdeen, Wash.
- MacMaster & Co.....Camas, Wash.
- John Maloney.....Skyhomish, Wash.
- L. McCorkendale.....Marysville, Wash.
- F. H. McDonald.....Newport, Ore.
- O. L. McDonnell.....Chelan, Wash.
- James McKinley, 994 Belmont St.....Portland, Ore.
- S. O. Miller & Son.....Aurora, Ore.
- E. L. Minard & Co.....Elma, Wash.
- Monroe Hardware Co.....Monroe, Wash.
- Moran Co.....Arlington, Wash.
- L. E. Morris.....Castle Rock, Wash.
- A. R. Olds & Co.....Walla Walla, Wash.
- Olson & Johnson.....Troy, Ida.
- Palouse Drug Co.....Palouse, Wash.
- Pearl & Weber.....Brownsville, Ore.
- Poison Implement & Hardware Co.....La Conner, Wash.
- Port Angeles Hardware & Furniture Co.....Port Angeles, Wash.
- C. R. Redding.....Index, Wash.
- C. C. Rickard.....Colville, Wash.
- Rothen & Altman.....Mission, Wash.
- M. Schorn.....North Yakima, Wash.
- The Service Hdw. Co.....Farmington, Wash.
- C. S. Sharp.....Pendleton, Ore.
- J. E. Shore.....Leavenworth, Wash.
- The Smith-Allen Hdw. Co.....Milton, Ore.
- Snohomish Hardware Co.....Snohomish, Wash.
- Snohomish Paint Co.....Snohomish, Wash.
- M. C. Sprague.....Ellensburg, Wash.
- Stackland & McLaughlin.....La Grande, Ore.
- W. J. Stanley.....Waterville, Wash.
- Stanwood Hardware Co.....Stanwood, Wash.
- H. B. Star.....Lostine, Ore.
- Andrew Stegerwald.....Pt. Townsend, Wash.
- Jasper G. Stevens.....Cove, Ore.
- Frank Stevenson.....Joseph, Ore.
- J. R. Stevenson.....Pomeroy, Wash.
- C. F. Stuart.....Colfax, Wash.
- Swank & Co.....Vancouver, Wash.
- Swift Hardware Co.....Castle Rock, Wash.

Crescent Baking Powder
egg and phosphate
1 lb. 25 cents

For all household purposes there is no more economical Baking Powder to be obtained. Contains no unwholesome chemicals and unlike cream of Tartar Powders forms no injurious deposits in pastry.
of all grocers

- Thiel Drug Co.....Ritzville, Wash.
- J. M. Thomas.....Pt. Townsend, Wash.
- H. M. Thostensen.....Wallace, Idaho
- T. Toblason.....Moscow, Idaho
- J. H. Torgler.....Baker City, Ore.
- Noble Turk.....Dungeness, Wash.
- Turpening & Pettibone.....Nampa, Idaho
- Van Houten & Messenger.....Union, Ore.
- Voget Lumber & Fuel Co.....Salem, Ore.
- Pha Wallace.....Centralia, Wash.
- C. B. White.....Olympia, Wash.
- S. H. White.....Boise, Idaho
- Lot Wilbur.....Snohomish, Wash.
- J. N. Wilder.....Montesano, Wash.
- P. Williams.....Anacortes, Wash.
- C. E. Wilson.....Washuacna, Wash.
- R. D. Wilson Hardware Co.....Port Angeles, Wash.
- S. E. Wilson & Co.....Edmonds, Wash.
- R. A. Woods.....La Crosse, Wash.
- E. R. Zimmer.....Centralia, Wash.

Fertilizers and Agricultural Stations.

We have often wondered why the agricultural experiment stations have not given more attention to the matter of farm rotations designed for the economical improvement of the land. remarks the Practical Farmer. Such work would be of the highest importance to the farmers in most of the states, as object lessons in modern farming. Studies of fertilizers and their effect on crops have been made without number, and the special formulas devised for different crops are without number, and till in many states the farmers have come to the conclusion that for every crop planted they must buy or make a special formula of the various fertilizing materials. This is particularly true in the south, where the burden of most of the letters that come to the stations from the farmers is, "what formula do you advise me to use for this, that or the other crop?" No doubt the fertilizers can be made a valuable aid in the production of crops, but the mere use of fertilizers to get more crops out of a worn piece of land is not farming. The highest and best use of commercial fertilizers is to increase the productivity of the land in those crops that tend to improve the soil and to feed stock and to enable the farmer to increase his home-made manures until he will need to buy only the mineral elements, phosphorus and potassium in some combination. We are glad to notice, then, that the Rhode Island station has been studying the results of a 6-year rotation, and has published a useful bulletin on their work.

Fairs and Other Events.

- Bozeman, Mont.....Aug. 29 to Sept. 2
- Everett, Wash.....Aug. 29 to Sept. 3
- Vancouver, B. C.....Sept. 3 to 5
- Salem, Ore.....Sept. 12 to 17
- Seattle, Wash.....Sept. 19 to 24
- Portland, Ore.....Sept. 19 to 24
- Dillon, Mont.....Sept. 21 to 24
- Great Falls, Mont.....Sept. 26 to 29
- Missoula, Mont.....Sept. 26 to 29
- North Yakima (state).....Sept. 26 to Oct. 1
- Victoria, B. C.....Sept. 27 to Oct. 1
- Spokane, Wash.....Oct. 3 to 8
- New Westminster, B. C.....Oct. 3 to 8
- Helena, Mont. (state).....Oct. 3 to 9
- Walla Walla, Wash.....Oct. 10 to 15
- Lewiston, Idaho.....Oct. 10 to 16
- Bellingham, Wash.....Oct. 11 to 15
- Boise, Idaho.....Oct. 17 to 22