

**HORN'S SHOE SHOP SAYS WE ARE STILL MENDING SHOES**

When you can't control  
Your mind or will—  
We'll save your sole  
And a doctor's bill.

**HORN'S SHOE SHOP**  
Box 212 Troy F. Horn  
Opposite Courthouse

**QUALITY HIGH**



**PRICES LOW** Alcohol 20-21% by volume

**NEW YORK STATE**  
**Widmer's HILLSIDE Wines**  
Widmer's Wine Cellars, Inc., Naples, N.Y.

**FOILED!**  
Scrapes are foiled forever—once you start shaving with Star Single-edge Blades, the inventors of the original safety razor. Keen, long-lasting, uniform.

**4 FOR 10¢**



**STAR BLADES**  
FOR GEM AND EVER-READY RAZORS

**Your SKILL in gardening will be more striking**

When you use **WOOD'S TESTED SEEDS** fresh packed and full of vigor

**AT THESE DEALERS**

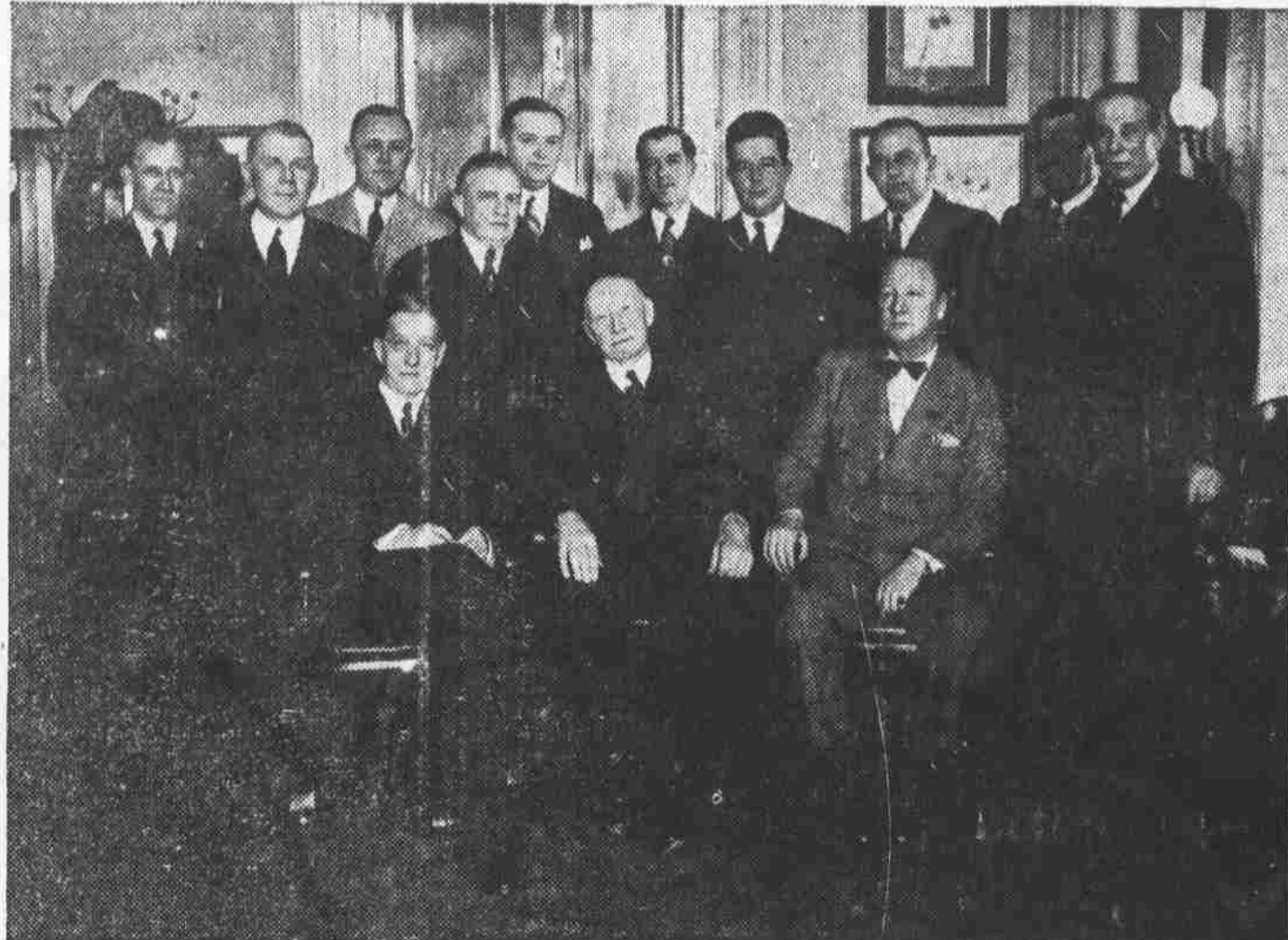
- \*Indicates Seeds in Bulk
- FRANKLIN**
- Angel Drug Co.
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- Farmers Federation Inc.
- Franklin Hdwe. Co.
- J. R. Pendergrass
- HIGHLANDS**
- \*Talley & Burnett
- F. A. Edwards
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- SCALY**
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- SYLVA**
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- Sylva Pharmacy

**WHAT'S NEW and BEST**

Write for a FREE copy of Wood's NEW Catalog of Garden, Flower and Field Seeds. A post card to T. W. Wood & Sons, Seedmen, Richmond, Va. brings it.



**State Delegation in Congress**



Left to right—Standing: Hon. W. B. Umstead, Hon. Graham A. Barden, Hon. Harold D. Cooley, Hon. J. H. Kerr, Hon. J. W. Lameth, Hon. J. Bayard Clark, Hon. Lindsay C. Warren, Hon. Frank Hancock, Hon. A. L. Bulwinkle, Hon. Zebulon Weaver. Seated: Hon. J. W. Bailey, Hon. R. L. Doughton, Hon. R. R. Reynolds.

**Peculiar Thermal Belt Interestingly Explained**

Many visitors, as well as residents, frequently remark on the peculiar "Thermal Belt" which stretches through this section of Western North Carolina.

This phenomena was recently interestingly explained in a North Carolina agricultural publication.

Many years ago Silas McDowell wrote in the Patent Office Report an article relating his observations in Macon county. He was a man of much intelligence and had been in youth a companion of John Lyon, the English botanist, exploring with him the Yellow, Roan, Grandfather and Linville ranges and caring for him until his death in 1814.

Mr. McDowell was also a companion of Curtis, Buckley, Reinhardt and Dow, the latter of whom perished in "the mountains," and his remains were never discovered. Dr. Gray was in communication with him more than 40 years ago. He wrote:

"When I commenced business it was as a farmer in western North Carolina, in a wild valley and amid lofty mountains, and for nearly 50 years my house was an open, free home to the scientist, particularly the geologist and botanist (my own specialties.) But now the light begins to burn dim in the pinnacle and is nearly out."

He died in 1882 at the ripe old age of 87.

A description of the phenomena observed by him is given in his own words:

"Among the valleys of the southern Alleghenies sometimes winter is succeeded by warm weather, which continuing through the months of March and April, brings out vegetation rapidly and clothes the forest in an early verdure.

"This pleasant spring weather is terminated by a few days rain, and the clearing up is followed by cold, raking winds from the northwest, leaving the atmosphere a pure indigo tint, through which wink bright stars; but, if the wind subsides at night, the succeeding morning shows a heavy hoar frost, vegetation is utterly killed, including all manner of fruit germs, and the landscape clothed in verdure the day before now looks dark and dreary.

"It is under precisely this condition of things that the beautiful phenomenon of the 'Verdant Zone' or 'Thermal Belt' exhibits itself upon our mountain sides, commencing at about 300 feet vertical height above the valleys, and traversing them in a perfectly horizontal line throughout their entire length, like the vast green ribbon upon a black ground.

"Its breadth is 400 feet vertical height, and from that wider, according to the degree of the angle of the mountain with the plane of the horizon. Vegetation of all kinds within the limits of this zone is

untouched by frost; and such is its protective influence that the Isabella, the most tender of all our native grapes, has not failed to produce abundant crops in 26 consecutive years; nor has fruit of any kind ever been known within these limits to be frost killed, though there have been instances where it has been so from a severe freeze. The lines are sometimes so sharply drawn that one-half of a shrub may be frost-killed while the other half is unaffected.

"This belt varies in the height of its range above different valleys. I will name a case in point. I made my observations in relation to this belt in Macon county, which is traversed by the beautiful valley of the little Tennessee river lying 2,000 feet above tidewater. Here when the thermometer is drawn to 20 the frost reaches 300 feet vertical height. A small river, having its sources in a high plateau 1,900 feet above this, runs down into this valley, breaking through three mountain barriers, and consequently making three short valleys, including the plateau, rising one above the other, each of which has its

own vernal zone, traversing the hillsides that inclose them, the first of which takes a much lower range than that of the lower valley and each taking a lower as the valleys mount higher in the atmosphere."

**Procedures for Filing of Old-Age Benefits' Claims**

Procedures for filing of claims for the payment of lump sums under the federal old-age benefits plan of the Social Security Act, surpassing in simplicity any others for similar use yet devised either for government or private business purposes, have been outlined by G. R. Parker, regional director, region IV.

Moreover, Mr. Parker declared that when the claims procedures are in full operation the adjudication of properly completed claims can be accomplished with unusual dispatch following their receipt in the Washington office of the board. Claims already filed range from a few dollars each to \$105.

A simple form has been devised by the social security board for the use of each of the five different types of claimants. Separate forms are provided for: (1) wage earners, (2) widows or widowers, (3) other close relatives, (4) executors or administrators, and (5) guardians or committees. They ask a mini-

mum of from two to a maximum of 12 questions.

A sixth form, known as "Statement of Employer," is a simple report by the employer giving only the total amount of wages paid the employee and the employment period.

Mr. Parker said forms are obtainable, and that assistance in executing them is available, at any one of its 12 regional offices and 111 field offices now open at strategic points throughout the United States. Forms also may be obtained at the Board's office in Washington, D. C. As the claims load increase, the Board stated new field offices will be opened as the work necessitates.

The nearest field office to this section is located in the Flatiron building, Asheville.

**WHAT to PLANT THIS WEEK**

Compiled by **Farmers Federation News**

- Garden**
- ities: First and Best, Alaska, Early Bird, Wrinkled: Laxton, Telephone.
  - SPINACH—Bloomsdale, for spring and early summer.
  - CABBAGE—Set frost-proof plants, Early Jersey Wakefield, Charleston Wakefield, Early Flat Dutch.
  - ONIONS—Danver and Silver Skin sets, Bermuda plants.
  - BEANS—Valentign, Tennessee Green Pod, Burpee, Giant.
  - LETTUCE—Grand Rapids (curled), N. Y. Wonderful, Iceberg.
  - POTATOES—Irish Cobbler, Spaulding Rose and Green Mountain.
  - TURNIPS—White Egg, 7-Top, Purple Top Globe.
  - BEETS—Early Eclipse, Early Blood Turnip, Detroit Dark Red.
  - CARROTS—Chantenay, Danver, Ox-heart.
  - CORN—All sweet varieties.
  - MUSTARD—Curled.
  - RADASH—All varieties.
  - TOMATO—In flats and hot beds.
  - PEPPERS—Pimiento, Cayenne, Bell or Bull Nose.
- Field Seeding**
- LESPEDEZA—Korean, Common, Kobe, Tennessee 76, Serelia.
  - CLOVERS—Red, Sapling, Alsike, White Dutch, White Sweet, Alfalfa.
  - GRASSES—Kentucky Blue, Red Top, Orchard, Rye, Grass, Timothy.
  - OATS—Fulghum, White Spring, Red, Burt.
  - RAPE
- Spade or plow in all manure available on rest of garden. Lime if possible, but leave lime and manure off potato land.
- Finish all fruit tree pruning and dormant scale spraying (spray oil, lime sulphur with arsenate of lead or nicotine sulphate, according to manufacturers' directions.)

**IT'S A PROVEN FACT**



**Farmers recognize BASIC-O-TEN-FOUR as the most profitable fertilizer for CORN**

**SEE OUR DEALER**

**USE BASIC O-TEN-FOUR FOR CORN**

**KNOXVILLE FERTILIZER COMPANY**  
KNOXVILLE and NASHVILLE, TENNESSEE

The latest Government report on the "Intended Acreage" of corn shows for the United States 8 per cent below the five year average.

Fertilizer is relatively cheaper than any commodity the farmer can buy. Corn is high. When beef is high we feed our cattle heavy; when produce is high we feed our plants heavy. **THE BEST PLANT FOOD IS BASIC PULVERIZED FERTILIZER.**

For your convenience we carry in stock a complete line of Basic Pulverized Fertilizer—made **only** by the Knoxville Fertilizer Company.

**E. A. Dowdle, Franklin**