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The Mountaineer's

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Form Review and Forecast

Pines Grow Quickly On Good Site

There's no getting around the fact that it takes quite a bit of time to reap a harvest from trees. But the growth potential of pines planted on a good site can be pretty amazing, according to Jim Ander-

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ROY BECK, work unit soil conservationist in Haywood County, is shown here making a survey in connection with the installation field drain tile on the farm of Ray Davis in Beaverdam Community. In the background holding a sighting rod is Carlisle Davis, conservation aide. (Soil Conservation Service Photo).

sen, State College extension forestry specialist.

He says that Romaine Howard of Tarboro planted 2.2 acres of pines in 1939. Twelve years later he thinned the plantation and removed about 21 cords of pulpwood per acre. Only four years later, he marked the stand for thinning again and removed from eight to 10 cords per acre.

Ben Allen, area forester for the Camp Manufacturing Company, valued the pulpwood at \$4.50 per cord, and Howard hasn't yet begun to harvest saw timber. The stand will be thinned for saw timber about 1962.

Andersen says, "Here is a case where good forest management and proper thinning methods will produce valuable saw logs about 15 years sooner than would an unmanaged stand. And the returns from pulpwood thinnings are nothing to sneeze at!"

Americans are using less milk today than they did 10 years ago. Each person now averages only 350 pounds of milk a year, compared to 400 pounds in 1946.

ASC Lists Requirements Of Lamb-Sale Documents

Considerable difficulty was experienced last year by ASC office personnel in handling sales documents for lamb payments, according to A. W. Ferguson, ASC office manager.

In many cases, sales documents brought to the ASC office did not have sufficient information required for lamb payments, Mr. Ferguson pointed out. To correct this situation, the ASC manager has written the following letter to county sheep producers:

Under the 1956 Wool Payment Program beginning with marketings April 1, certification that the lambs have been purchased for slaughter will no longer be required. However, producers will still be required to submit accounts or bills of sale for lambs sold in support of their applications for payment. Payments will be made only on lambs that have never been shorn. In accordance with the statement to be published in the Federal Register, the regulations provide that each sales document supporting the application must show the following:

- Name and address of seller.
- Date of sale. The date of sales document will be presumed to be date of sale; except that, if the information available to the ASC County Office points to a different conclusion, the ASC County Office will require sufficient additional information to determine the date of sale. A sale shall be deemed to have taken place on the date title passes to the buyer.
- Number of unshorn lambs sold. If the sales document does not clearly identify the animals as lambs that had never been shorn at the time of sale, the person issuing the sales document should add a statement to that effect. Likewise, if the document is issued in connection with the sale of unshorn lambs but also covers the sale of other animals, the person issuing the sales document shall

clearly indicate therein in some manner the number and the liveweight of unshorn lambs included in the sale.

D. Liveweight of unshorn lambs sold. If the weight is not determined by scales, this weight can be an estimated weight agreed to by the buyer and seller. Such weight is necessary in all cases, including cases where small lambs are sold by the side of the mother ewes.

E. Name and address of purchaser or marketing agency issuing the sales document. If this information does not appear in the printed bill head, it must be shown in some other place on the sales document.

F. Signature. The sales document must contain a handwritten signature by or on behalf of the person or firm issuing the sales document. Acceptable signatures will consist of at least one initial or name by which the person is generally known followed by his last name in full. A carbon impression or facsimile of a handwritten signature is not acceptable.

The originally-signed copy of the sales document is required for filing with the producer's application. Consequently, marketing agencies, dealers, and other buyers may wish to issue sales documents in duplicate in order for the producer to have a copy to retain in his own record.

Although the national cotton allotment for 1956 has been set at a figure 4 per cent less than this year's allotment, North Carolina's cut is 6 per cent. The cut was based on the planting history.

USDA entomologists and chemists, working together, are discovering some possible new methods of controlling insect pests through the use of non-toxic chemicals which, while not actually killing the insect, inhibit its normal development and reproduction processes.

Pamphlet Gives Advice On Fertilizing Of Burley

Timely advice on the fertilization of burley tobacco is given in a pamphlet written by R. E. Bennett, H. H. Nau, and S. N. Hawks of N. C. State College, tobacco specialists. This pamphlet is available from the county agent's office here.

The pamphlet points out: "Fertilizer recommendations are based on the use of 7,300 to 10,700 plants per acre (tobacco planted in 3 1/2 to 4-foot rows and spaced 14 to 18 inches in the drill).

For average burley tobacco soils, use about 90 to 110 pounds of nitrogen, 70 to 110 pounds of phosphorus, and 90 to 110 pounds of potash per acre. Approximately these amounts of nutrients can usually be supplied for conditions 1 through 5 by following the fertilization program below:

- No manure or legume cover used 1100-1400 lbs. 8-8-8
- 8-10 tons manure used 400-600 lbs. 8-8-8
- Legume cover turned (no manure) 800-1200 lbs. 4-8-10
- Legume cover turned plus 8-10 tons manure 300 lbs. 20% superphos, plus 50 lbs. 48% sul. of potash
- 15 to 20 tons manure used No additional fertilizer

Apply up to 400-600 pounds complete fertilizer in the row. Broadcast the remainder if more is used.

The approximate quantities of plant nutrient elements contained in burley tobacco at the 1500-pound yield level (on a 20-per-cent moisture basis) are set forth in the following table:

| Yield (Pounds Per Acre) | Nitro- | Phos- | Pot- | Cal- | Mag- | Sul- |
|-----------------------------------|--------|--------|------|------|--------|------|
| | gen | phorus | ash | cium | nesium | fur |
| 1500 Leaves removed from field | 42 | 10 | 53 | 44 | 11 | 8 |
| 1000 Stalks removed | 25 | 4 | 35 | 4 | 1 | 4 |
| ESTIMATED REMOVAL FROM SOIL | 67 | 14 | 88 | 48 | 12 | 12 |
| 700-800 Roots turned back to soil | 10 | 2 | 10 | 2 | 1 | 2 |
| 600 Suckers left on land | 10 | 4 | 10 | 2 | 2 | 2 |
| ESTIMATED TOTAL UPTAKE | 87 | 20 | 108 | 52 | 15 | 16 |

Farm-Home Week Event Set At Raleigh June 4-7

A sizeable number of Haywood County farm families are expected to attend the annual North Carolina Farm and Home Week at N. C. State College, June 4-7, according to County Agent Virgil L. Holloway.

Mr. Holloway said that the "most outstanding" program in the history of the event has been planned for this year's Farm and Home Week, with events planned to suit people of all interests—both men and women.

The program will be divided into three parts—for residents of the Western, Central, and Eastern sections of the state.

Subjects of interest to Western Carolinians are:
Tuesday, June 5—principles of landscape gardening, soil fertility, the economics of agriculture (morning), nature and control of soil-borne disease (afternoon), 8:30-12, and 1:30-4:30. At 7:30 p.m. that day, P. D. Sanders, editor of "Southern Planter," will speak on "Meeting the Income Challenge."

Wednesday, June 6—forage crops, principles of pruning plants, feeding beef cattle, 8:30-12:00 and 1:30-4:30. At 7:30 p.m. a program

of recreation and a square dance will be held.

Thursday, June 7—feeding swine, efficiency in commercial broiler, egg, and turkey enterprises; soil moisture problems, recent findings in research work in entomology, 8:30-12:00 and 1:30-4:30. Haywood County families who wish to attend the Farm and Home Week program are asked to contact the county agent's office for transportation and accommodations.

Lawns need mowing just as long as they continue to grow in the fall, according to USDA.

About 30% of the timber growth on the N. C. National Forests is sold annually. The large reserve is because current appropriations limit the amount of material that can be handled.

At the beginning of 1955, the value of farm machinery and motor vehicles on farms totaled almost \$18 billion—a decline of 3 per cent during the year, but 26 per cent above 1950.

Through October 15, American farmers had 40 per cent less wheat under price support than on the same date last year.

An expansion in feeding operation, and a plentiful supply of fed beef, is forecast for the first six months of 1956.

Warm temperatures and lots of sunshine are more important than fertilizer in producing high-quality walnuts, but nitrogen fertilizer will increase the nut size and yield, says USDA.

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