

Soil Capabilities Important, Unit Conservationist Says

Cherokee County farmers soon will be furnished with land capability maps of their farms. John S. Smith, unit conservationist said here this week.

These maps, Smith said, will be made from aerial photographs of the county and any farmer who desires to have a picture of his farm, showing the classes and types of land included on his farm, may obtain the photo by request at the local Soil Conservation Service office at the Cherokee County Courthouse, in the basement.

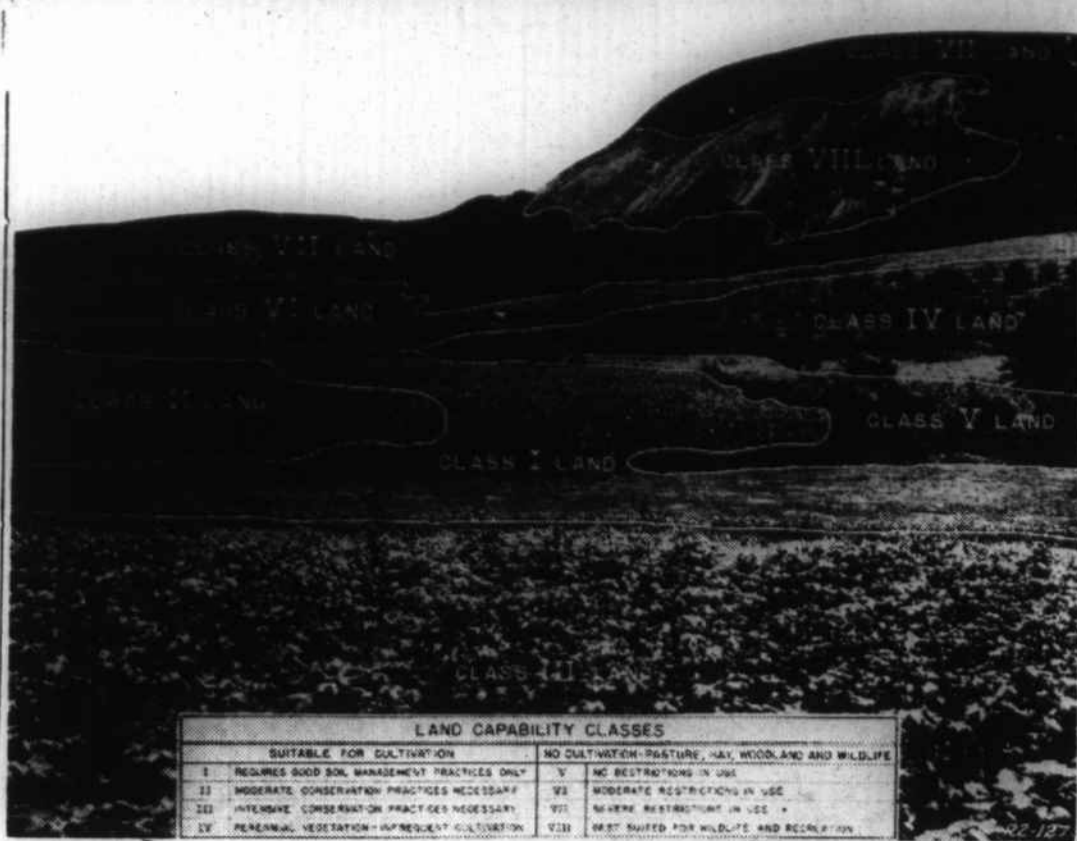
Farmers interested in learning more about the soil classes on their farms are invited to contact the soil conservation district supervisors elected recently for Cherokee County or Mr. Smith.

Mr. Smith, who recently took up his conservation work in this county also works part time in Clay County. He expressed the purpose of the conservation service as the "use of every acre of land within its capabilities and the treatment of every acre according to its needs".

In further explaining the use of the land's capabilities, Mr. Smith furnished the above cut picturing the eight land capability classes recognized by the Soil Conservation Service and the following explanation: Class I land is the best land, suited for the production of row crops continually, with only limited special treatment to maintain good organic matter content in the soil.

At the other extreme is Class VIII land, unfit for any agricultural purpose. This class of land may be used for recreation or for wildlife. (The Class VIII land pictured above would make an excellent otter slide if it were properly gressed.)

In between Class I and Class VIII are all grades, types, slopes,



This picture-map furnished by the Soil Conservation Service shows the different classes of soils which may exist on one farm. Although such a wide variation would be hard to find in the county, the average farm in the county contains from three to five different classes of land. There are many variations within classes.

degrees of drainage, droughtiness and varying fertility. The classes of land which are suited for production of row crops are classes I, II, III, and IV. Land capability classes V, VI, VII, and VIII are suited only to the production of pasture, hay, woodland, or wildlife.

Land Capability Class I is flat well drained, with very little or no erosion, with not more than 9 in-

ches of sandy loam top soil on a base of clay or sandy clay subsoil.

Class II land is essentially the same as Class I except that it may have from 9 inches to 24 inches of sandy loam soil on top of clay or sandy clay subsoil. This latter condition would tend to make it "thirsty" or "droughty."

Class III land is more subject to erosion, has greater drainage problems, or the loamy sand top soil is between 24 inches and 36 inches deep.

Class IV land is badly eroded, steep, or the top soil of loamy sand is from 36 inches to 72 inches deep. (There is very little land of this Class in this County) It may be land that is very difficult to drain.

Class V land is swamp land such as is found near some of the larger streams and lakes in the county, which cannot be economically drained due to the lack of adequate outlets for any drainage structures, either through tile or open ditch.

Class VI land is very steep, very subject to erosion, very deficient in plant food, or a combination of several of these factors.

Class VII land is extremely steep,

extremely subject to erosion, practically devoid of plant food, or has a sand or sandy loam top soil to a depth of greater than 72 inches deep.

Class VIII land is rock outcrops, gravel pits and similar land.

Each of these different classes of soil have different capabilities and each needs different treatment to get the most economical good from it. The capabilities of the different classes have been outlined briefly.

The needs of the different classes, what makes each give its best, are outlined very briefly here:

Class I—needs only rotation to maintain the organic content.

Class II—Use good rotation combined with terraces, contour tillage, strip cropping, good fertilization, and plenty of organic matter turned back into the soil.

Class III—Use good rotations, combined with terraces, contour tillage, strip cropping, good fertilization, and plenty of organic matter turned into the soil. In some cases, this class of land will need tile or open ditch drainage.

Class IV—Strip cropping, permanent vegetated strips, good fertilization plenty of organic matter

BIRTHS

Sgt. 1st. Class and Mrs. Marion Rogers, stationed at Mineral Wells, Texas, announce the birth of a daughter, Sharon Virginia on December 17.

Mrs. Rogers is the former Miss Murial Chastain of Murphy who was once a member of the Scout Staff, and Sgt. Rogers lived here.

CARD OF THANKS

We wish to express our deep gratitude to those who remembered Jane and her family in many ways during her illness and death. We especially want to thank those who contributed to the polo fund in Jane's memory.

The W. H. Cornwell, Jr. Family
The E. C. Moore Family

Horses on United States farms decreased in number from 9.9 million in 1942 to 3.9 million in 1953.

United States cattle numbers increased from 76 million in 1942 to 93.7 million in 1953.

MURPHY DRIVE-IN THEATRE

Show Starts At Dusk

Thurs.-Fri., Jan. 14-15
John Wayne
—IN—
"Island In The Sky"

Sat.-Sun., Jan. 16-17
Alan Ladd-Van Heflin-Jean Arthur
—IN—
"Shane"
In Technicolor

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MON.-TUES. & WED. UNTIL
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Murphy—Andrews—Robbinsville
Hayesville

Serving Southwestern North Carolina
Member Federal Deposit Insurance Corporation
Resources Over Five Million Dollars

HENN THEATRE MURPHY, N. C.

<p>Wed.-Thurs., Jan. 13-14</p> <p>Nothing Like It Before! 3 DIMENSION WARNER COLOR HOUSE OF WAX Vincent Frank Phyllis PRICE · LOVEJOY · KIRK</p>	<p>Fri.-Sat., Jan. 15-16</p> <p>MAN-WOMAN EXCITEMENT Explodes on the Screen!</p> <p>STANWYCK MACMURRAY The Moonfighter A WARNER BROS. PICTURE</p>
<p>LATE SHOW Sat., Jan. 16</p> <p>A Comedy Riot! Bride of the Monster John CARROLL Ruth HUSSEY Charles BIGGLES</p>	<p>Sun.-Mon., Jan. 17-18</p> <p>JAMES CAGNEY A HARD GUY TO TAME! A LION IS IN THE STREETS Barbara HALE · Anne FRANCIS</p>
<p>Tues., Jan. 19</p> <p>SHE PICKED AN OVERNIGHT BAG—HE PACKED A GUN! AFFAIR IN MONTE CARLO Technicolor Starring Marie OBERON Richard TODD · Lee GEMIN</p>	<p>Wed.-Thurs., Jan. 20-21</p> <p>GARY COOPER · BARBARA STANWYCK BLOWING WILD FIGHTING AND LOVING WILD! RUTH ROMAN · JIMMY DUNN</p>

DICKEY THEATRE MURPHY, N. C.

Thurs.-Fri., Jan. 14-15
UNWED MOTHERS
... they loved too much and much too soon!
"Twilight Women"

Sat., Jan. 16
Audie Murphy-Stephen McNally
Faith Domergue
—IN—
"Duel At Silver Creek"

Sun.-Mon., Jan. 17-18
John Payne-Donna Reed
"Raiders Of The Seven Seas"

Tues.-Wed., Jan. 19-20
Assorted Cast of Wild Women
—IN—
"Bowery Scandal"

HENN THEATRE ANDREWS, N. C.

Fri.-Sat., Jan. 15-16
George Montgomery-Tab Hunter
—IN—
"Gun Belt"
In Technicolor

LATE SHOW
Sat. Jan. 16
Bub Abbott-Lou Costello
—IN—
"Hit The Ice"

Sun.-Mon., Jan. 17-18
Fred Astaire-Cyd Charisse
—IN—
"The Band Wagon"
In Technicolor

Tues., Jan. 19
Dan Duryea-Frances Gifford
—IN—
"Sky Commando"

Wed.-Thurs., Jan. 20-21
Erroll Flynn-Beatrice Campbell
—IN—
"The Master Of Ballantrae"
In Technicolor

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