

SOME THOUGHTS BEHIND ACREAGE PROGRAMS

AND EROSION CONTROL

by

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CARD Working Paper

P85-3

March 1985

CARD

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I. Introduction

The United States has both enjoyed and suffered from the ability of its agricultural sector to produce more than was demanded domestically or that could be sold abroad at a profit. Food and fiber prices, because of the abundance of supply, are below those that would otherwise have prevailed. Thus, consumers were the beneficiaries as a smaller portion of their income is spent for acquiring of food than most anywhere else in the world.

Most farm programs have sought to control acreages in crop production, thus reducing the cropland base. By placing acres into the program, farmers found that they controlled unused or underutilized resources which could be applied on these remaining acreages. One reaction is to intensify crop production on remaining acreages. Secondly, noncropland was converted to cropland so that the acres qualifying for crop basis under production control programs was expanded. Lower or nonexistent profits on noncropland uses has further accelerated the conversion of noncropland to cropland. The individual farmer's ability to increase yields of controlled crops has tended to reduce impacts of programs intended to reduce agricultural production. The concept of acreage control and fixed price supports for all the production that can be produced has encouraged farmers to maximize yields on land left in production. Consequently, we have an agriculture sector fine tuned to produce at maximum production on whatever crop base that is allowed.

Individual farmers have responded well to the signals which they have received from the government. The government has encouraged maximum production on every acre a farmer can qualify for crop basis. Thus, farmers have been attempting to produce their way out of a surplus situation. The results of most acreage control programs include:

- 1) more intensive cropland use,
- 2) an increase in the rate of noncropland to cropland conversion,
- 3) accelerated misuse of natural resources, and
- 4) higher capitalization of land and farm equipment.

Beginning in the early 1970s, increased foreign demand reduced agricultural product stockpiles and signaled farmers, through higher prices, to increase production. Financiers encouraged farmers to borrow capital in the purchasing of agricultural inputs. Increased borrowing was backed in Colorado by converting rangeland to cropland.¹ Another problem surfaced as foreign agricultural producers could sell commodities below our support price. This forced the U.S. exporters to be residual suppliers.

Domestically, tightening supply-demand markets for capital (largely a result of increasing national debt and unfavorable balance of payments) caused interest rates to increase dramatically. Higher interest rates, falling prices, and decreased demand for agricultural products forced much of agriculture into a tenuous position. With each

¹An increase in net worth occurs when an acre of range valued at \$50-85 per acre is converted to cropland (a \$400-700 per acre value).

products forced much of agriculture into a tenuous position. With each passing year of the 80s, the formula of "high volume-low profit" became less profitable.

Another phenomena occurred during the 70s. Interest in the environment heightened to new levels. Earth days were a common sight. Laws were passed to control the pollutants from automobiles, factories and other point sources. Non-point pollution, also, came under scrutiny during this same time period. The Rural Clean Water Act, the Resources Conservation Act, and many other state and local laws were passed in the hopes of evaluating and/or reducing erosion from agricultural lands.

The 1980 analysis of the nation's soil and water resources require by the 1977 Resource Conservation Act initiated a new wave of thought amid policymakers. Cross-compliance and targeting are two ideas that gained momentum during this analysis. Presently, the targeting¹ idea is being pursued by SCS with 14 areas presently targeted in the nation (Figure 1). The difficulty with cross-compliance² is the level of participation when this is enforced. This feature may require additional funds from the U.S. Treasury if a given program is to be successful. This paper explores two concepts. The first is a brief

¹The idea behind targeting is to treat the areas with the most erosion first. Hopefully, erosion will be reduced the most per dollar spent under this alternative.

²Cross-compliance would require the farmer to pursue conservation practices with vigor while participating in other commodity programs or remaining loans from Farmer's Home Administration.

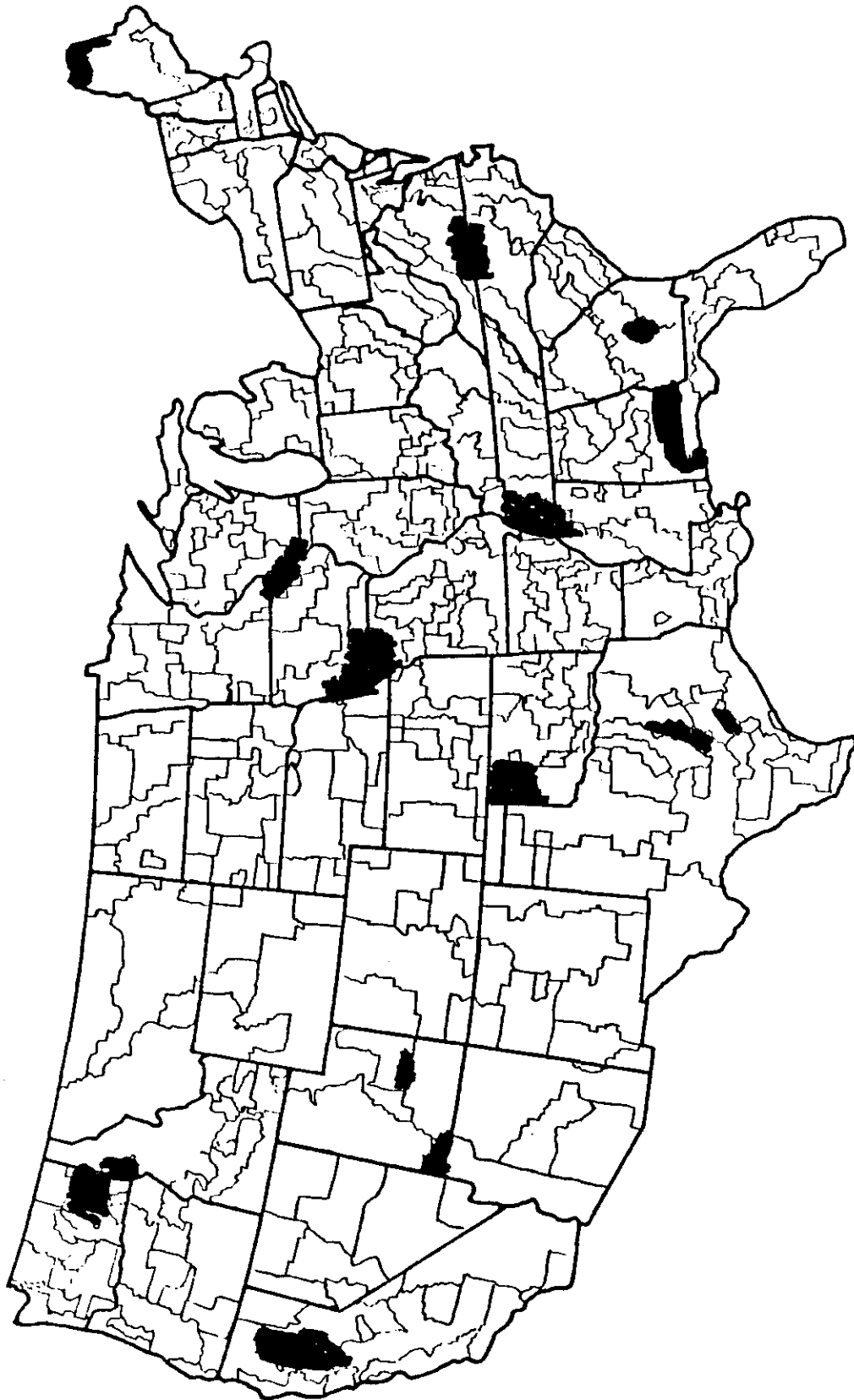


Figure 1. Soil conservation targeted areas in the United States

brief analysis of a long-term conservation study and the second an evaluation of components of land use and erosion control. Today, numerous variations of long-term conservation policies are being considered. These policies are oriented towards the removal of marginal lands from crop production for a long time period (10-15 years). The criteria for removing these lands are basically oriented towards the more erosive lands and up until this year have relied on the class-subclass system¹ developed by United States Department of Agriculture (USDA) and used by the Soil Conservation Service (SCS) when classing the nation's private lands.

During the 1982-1984 period, well over 100 conservation bills, with the objective of targeting the erosive land, were considered by Congress. Basically, these bills can be broken up into two areas. The first is concerned with converting marginal, fragile, and/or erosive lands from other land uses to cropland.² The second is oriented towards taking erosive land out of crop production for periods of time (between 7 to 15 years). In both these types of bills, land classed as V, VI, VII, or VIII are considered fragile (marginal in some cases) with IIe and IVe considered as erodible. Other classifications are also promoted in various bills. These, however, have not been as

¹The class-subclass system defines land in eight classes I-VIII, and four problem areas: c, e, s, w. The 'c' indicates a climatic problem (too dry or too cold); 'e' indicates an erosion hazard; 's' indicates a shallow soil; and 'w' indicates a wetness problem. The land is classed using the most severe problem identified. A 'w' classification does not mean there is not an erosion problem; rather that the wetness problem is dominant.

²This is better known as sodbuster legislation.

successful because of the difficulty in developing a new classification.

Today, however, other classifications are being sought. Heimlich and Bills have offered a classification based on the Universal Soil Loss Equation's (USLR) non management factors (RKLS). The USLR equation is:

$$A = R K L S C P$$

where:

A is the estimated long-term average soil loss in tons per acre per year;

R is a rainfall and runoff index reflecting the amount of force exerted by rainfall and runoff as erosive agents;

K is a soil erodibility factor reflecting the relative ease with which a particular soil can be eroded by rainfall and runoff;

L and S are topographic factors reflecting the length and gradient of field slopes;

C is a cover and management factor reflecting the influence of crop canopies and residues on soil erosion as well as the related impacts of farming practices; and

P is a supporting practice factor reflecting the impact of such practices as contour farming, stripcropping, and to a limited extent, terraces.

Generally, except for terracing, the first four factors in the equation reflect the natural potential of land to erode while the last two factors reflect managerial decisions which determine the amount of potential erosion that is to be realized. The exception occurs when terraces shorten slope lengths and, for certain terrace designs, lower overall slope. The assumption that KLR S represent the natural erosion

potential of a soil is valid because terraces only occurred on seven percent of the privately owned land. Heimlich and Bills suggest using a $KLRS > 50$ as being the identifier for marginal, fragile and/or erodible soils. Presently, the average CP factors are .26 and .91 respectively, or 0.24 when combined. Therefore, assuming an average CP factor, the 50 can be converted to tons per acre (12). This is still twice the five ton limit generally assumed to be tolerable.¹ This classification ignores the individual soil's ability to absorb erosion. Because of this, a new measure $RKLS / + > 10$ is being promoted. This classification is not perfect. It does not take into account the subsoil characteristics, the impacts of compaction, and diminished water-holding capacity. All are concerns as soil erodes. (We are presently developing a new definition; however, with the minimal level of funding, this effort will take several years.)

Now let us hypothesize about a long-term conservation program. Let us assume that land is bid into the program under the assumption that pasture and/or hay could be harvested from this land and that no change can occur in other land uses. (In most bills, timber production is also being promoted.) As land begins producing hay, hay availability increases, beef/livestock operators would change their rations as the hay/corn price falls. Demand for corn would at least initially decrease. Therefore, livestock producers would gain directly in decreased cost with beef production and indirectly (because of lower food

¹The tolerable limit (+) changes with soil type and ranges between one and five tons per acre.

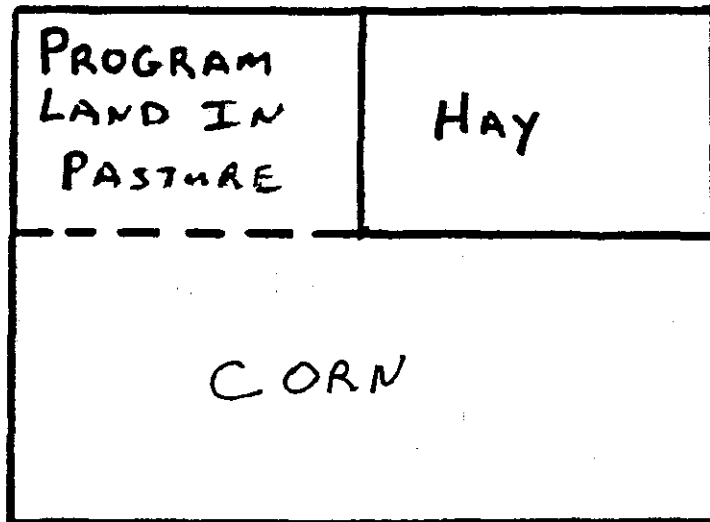
prices) in pork, chicken, etc., production. (The macro impacts following this first phase must be studied before determining the complete picture of the welfare effects.)

Now let us allow changes in land use patterns, but that land in the programs can be used for hay/pasture production. Those farmers that already have their land in hay/pasture are likely to be the lowest bidders. Thus, this would represent a transfer payment from the government to the hay producer.

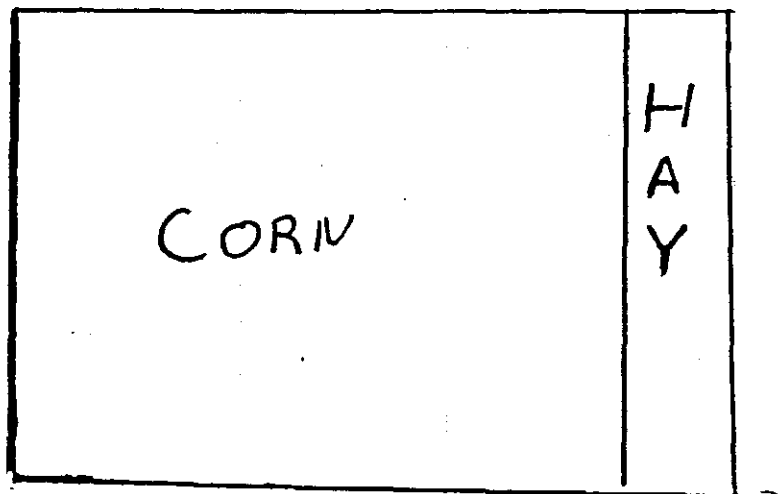
Now let us assume that the land must come from the cropland base acreages, i.e., if corn is being produced on the land that meets the program criteria, then a reduction in the farmer's corn base acreage must occur. Let us assume the picture presented in Figure 2, Farm A puts a quarter section of his land into the program. Thus, he, reduces his corn acreage and produces more hay. He may not have a need for this hay so he places it on the local market. If enough do this, the hay price or pasture rental price falls, Farmer B's hayland becomes less valuable. He must reduce the price of his hay or pasture. His production decisions become affected by the subsidized hay.

The only way a land retirement program will work, and not have substantial negative impacts on other farms, is if we either do not allow use of the land, or we find a new market for the production produced on this retired land.

We studied two versions of a long-term conservation program. The first version allowed use and land patterns to change, and the second did not allow use.



FARM A



FARM B

Figure 2. Two farms with Farm A in the program and Farm B out of the program

The objective of our study was to remove up to 22 million acres from the presently cropped land base and examine what the impacts would be under the two different use assumptions. Are we going to allow this land to be used for grazing, or are we going to allow no use at all?

We made several assumptions. The first assumption is that 90 percent of the cost involved in establishing grass on this conservation land would be born by the government. The second assumption we made resulted in only dry land that would qualify. This is a modeling assumption, though not a bad assumption. When you have invested resources in a parcel of land, it will cost more to take that land out of production than it would an adjacent acre of land into which you have not invested. The third assumption is that land can be withdrawn without taking any other valuable land with it. This is a critical assumption. Basically, if you have got a field and there happens to be a knoll right in the middle that, let us say, meets the conservation restrictions,¹ then this portion of land would qualify. Irregular pieces of land can be put into the program. The fourth assumption is that no erosion will occur as the land is placed in the program. Finally, if there was land in the model that was not deemed profitable to produce agricultural commodities, it either had to be tilled, clipped or something to maintain weed control.

While our model indicates that it is not profitable to produce on a given piece of land, it may be profitable in the farmer's eyes. That

¹Previously, the farmer had to make sure that knoll was adjacent to two natural borders, fence line or stream, so good land would have come out of production if you wanted the knoll in the program.

piece of land may be cropped simply because it adds to your cropland base. In other words, if this whole area is corn, you take this portion of land out of production for two or three years, it drops out of your cropland corn base. Every acre in the wheat base is worth approximately \$16.50 to the farmer. Corn land is a little bit less than that. So that piece of land has value even if it costs money to farm. In addition, it may be farmed because of the time it takes not to farm it. Turning around and not tilling takes time; thus, it may be farmed simply because of the timing factor it would take to skip it. In any case, we found that \$40.00 exhausted the present crop land base. This is an assumed cost in our model. Using a maximized profits objective function, we constrained land use based on each of the 105 producing areas (Figure 3). We have also constrained the amount of conservation tillage that can come into the model. Finally, some minimum acreage level for barley and cotton is specified.

Hay Establishment Costs

To estimate hay establishment costs, the nation was divided into nine different regions. Hay establishment costs ranged from \$110 per acre in the North Atlantic, to \$54 in the Northern Plains. These prices were not directly used. A graduation from the interior of one region to the interior of another, so there will not be a sharp break-off in these areas. The next step we had to do was to qualify what land met the

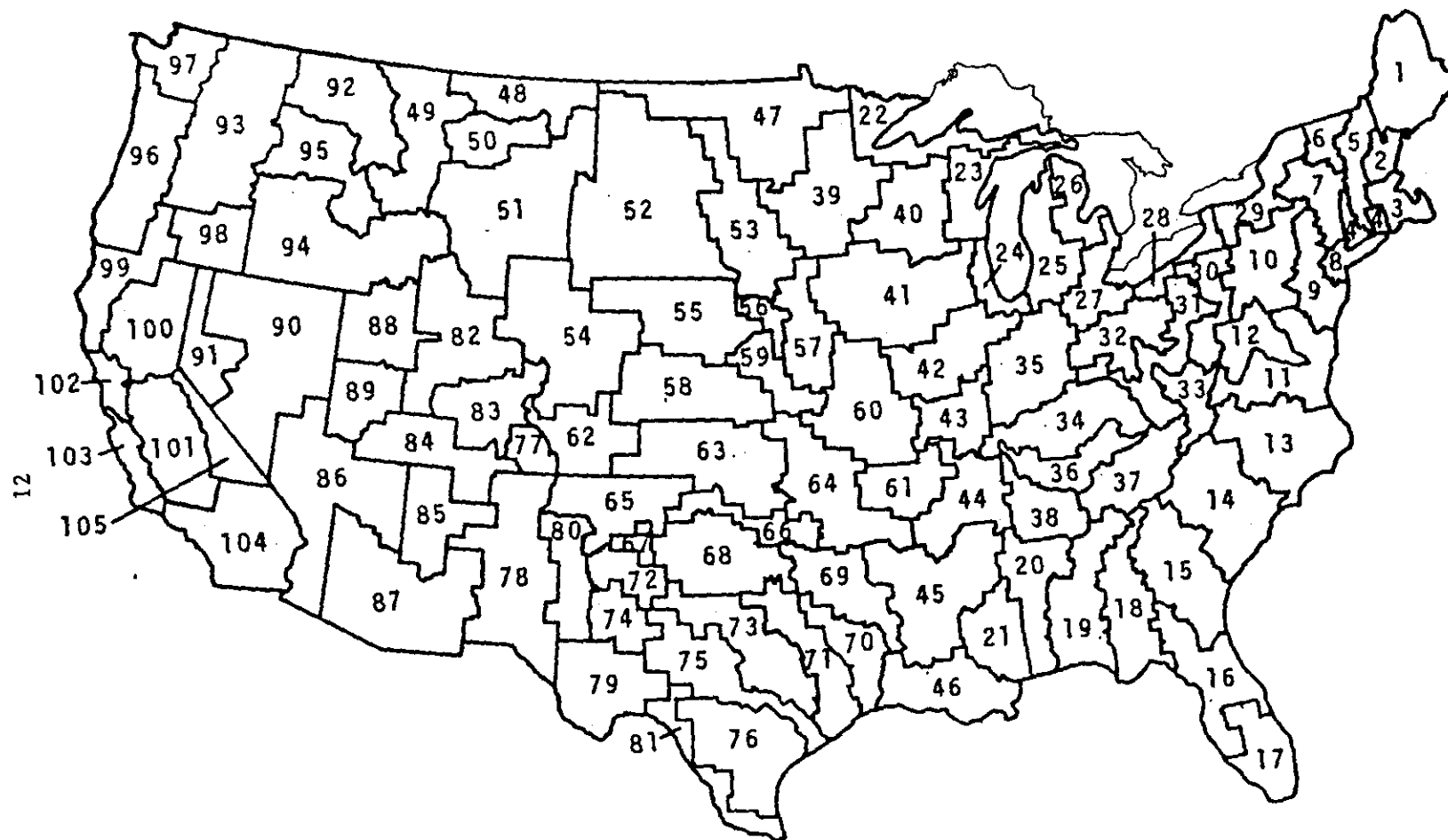


FIGURE 3. The 105 producing areas

SAS

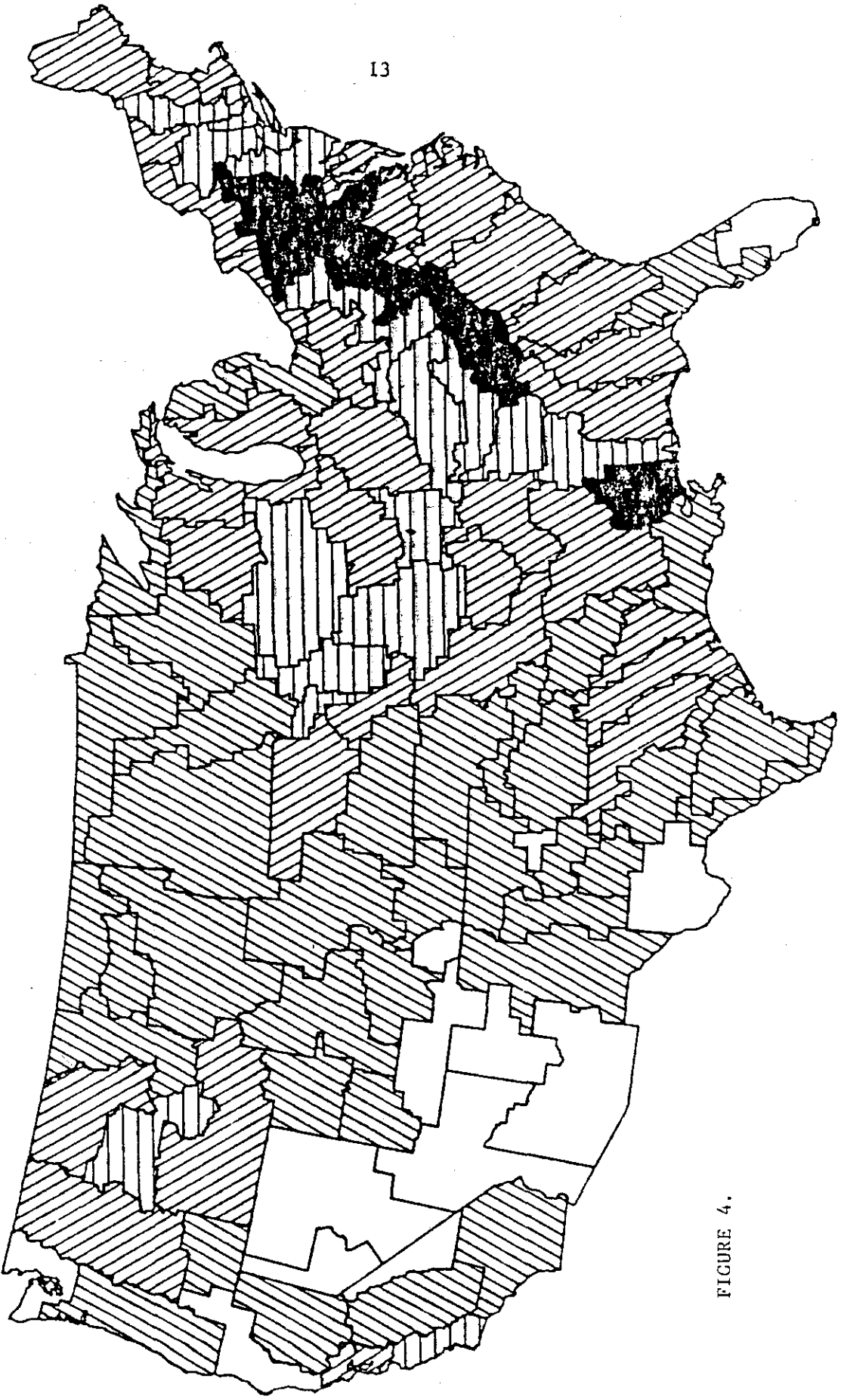


FIGURE 4.

constraints. Figure 4 shows this land with 50 percent of the cropland met the conditions of whether it was qualified for the program.¹

The white area indicates that less than one percent of the cropland qualified with the horizontal lines indicating between 30-50 percent, the diagonal ones going left to right (up to down), indicating 10-30 percent. The black area indicates more than 50 percent qualifies, and the remaining category indicates between one and ten percent of the land qualifies. Nearly 40 percent of the IIIe land is eligible for the program (Figure 5). Wind erosion is not included in this study.

The alternatives that we examined are expressed in Table 1. Total land use in the Base is 370 million acres with 25 percent in the Corn Belt Farm Production Region (Figure 6). Gross soil erosion is reduced from 1.6 billion tons in the base to 1.25 billion tons when 22 million acres is taken out of production (Figures 7-14). Crop production changes vary little when allowing use and changes slightly more when not allowing use² (Figures 15-21). Finally, the average cost of program land rental is \$44 per acre when 22 million acres is used, assuming no use of the land is allowed.

¹Two criteria were used to establish the land that qualified. The first was KLSR divided by T710 and the second was the gross sheet and rill erosion greater than two times the tolerable limit.

²Cotton acreage is constrained to 14 million acres and therefore this analysis does not impact on cotton production.

FIGURE 5. Proportion of land that is eligible for the long term conservation program

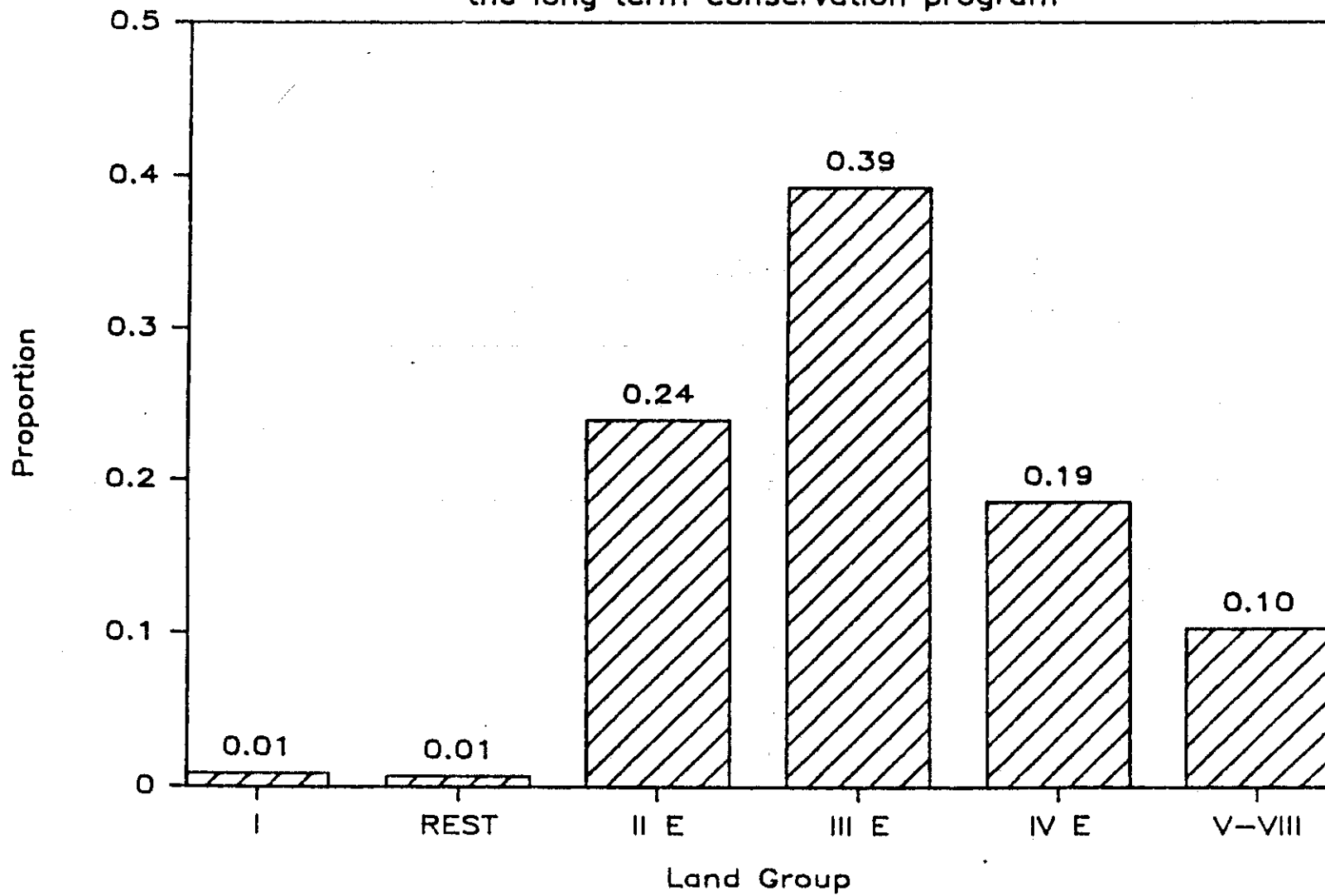
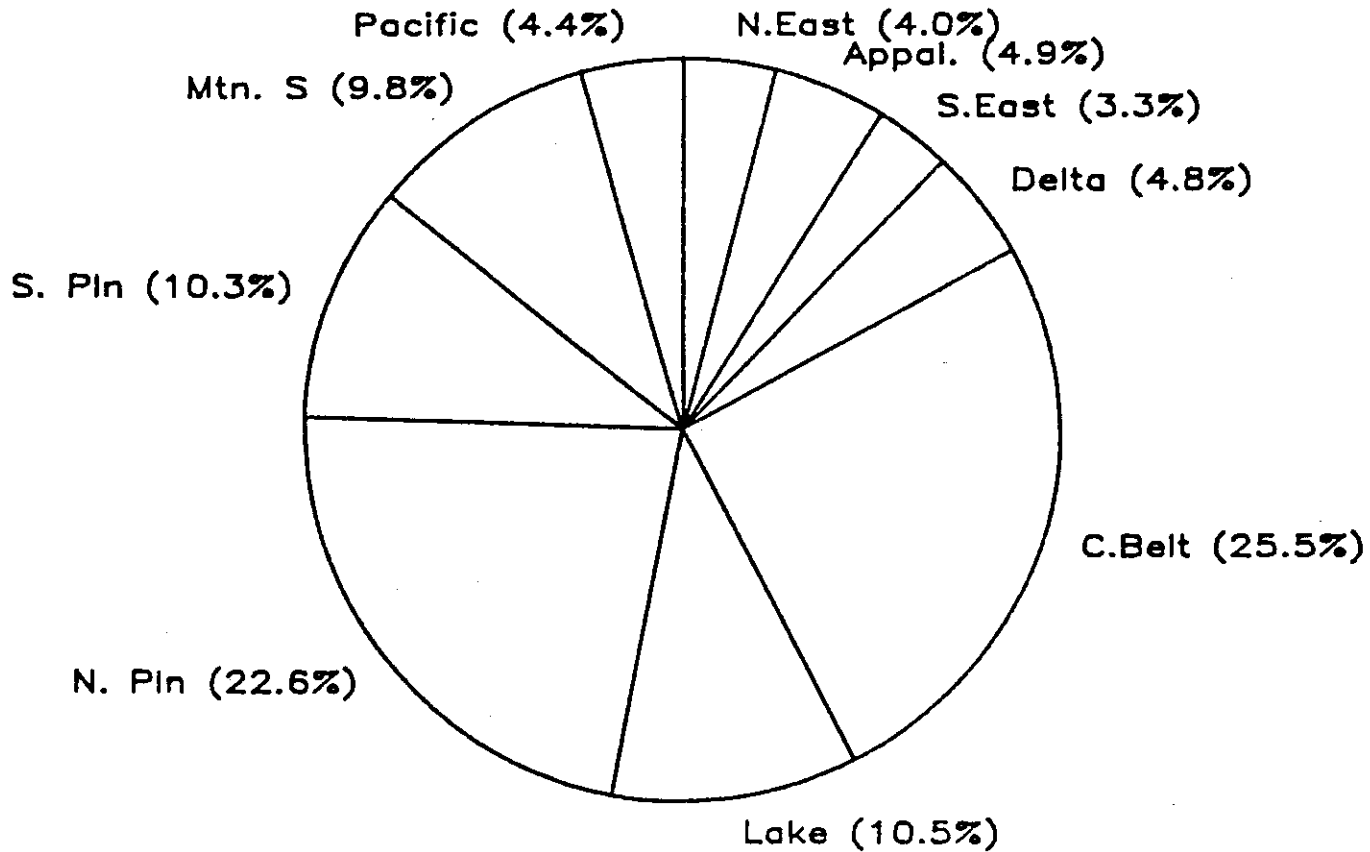
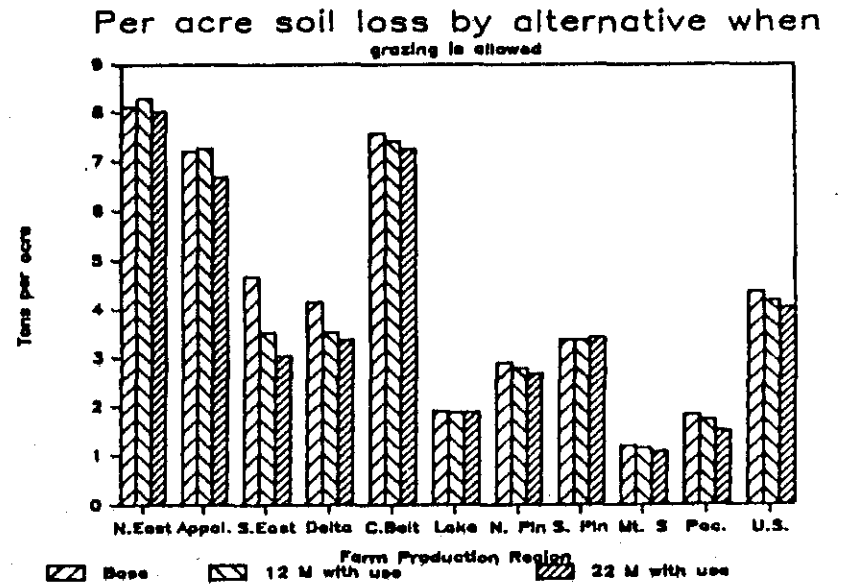
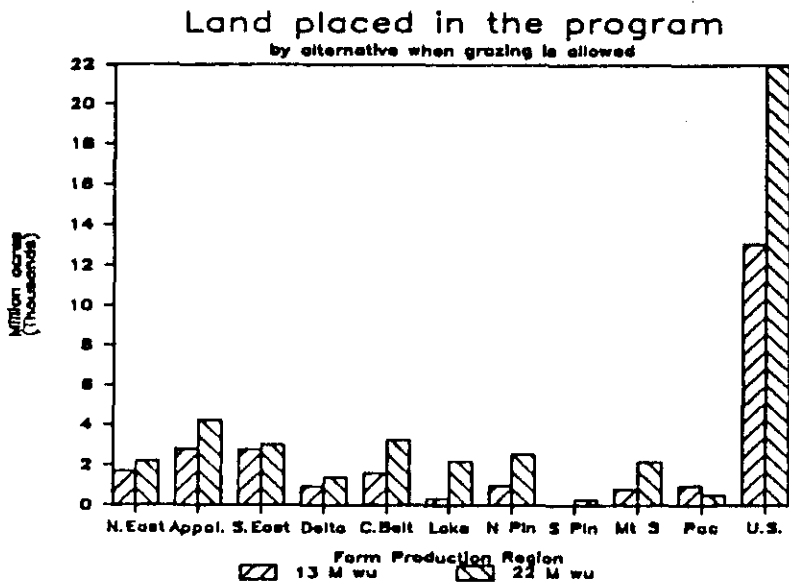
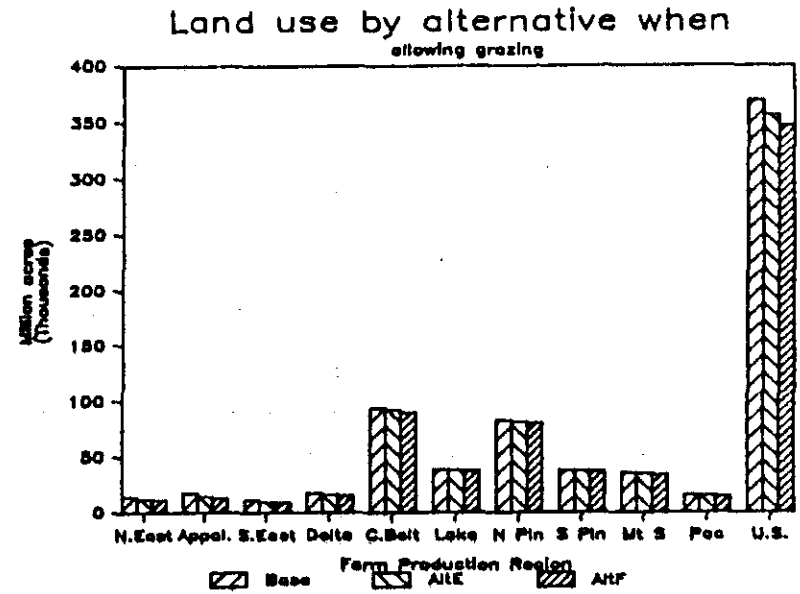
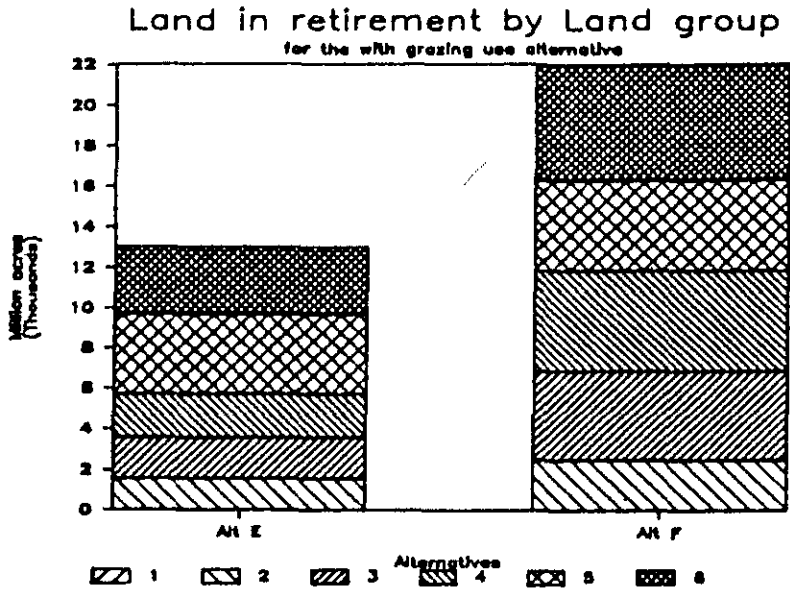


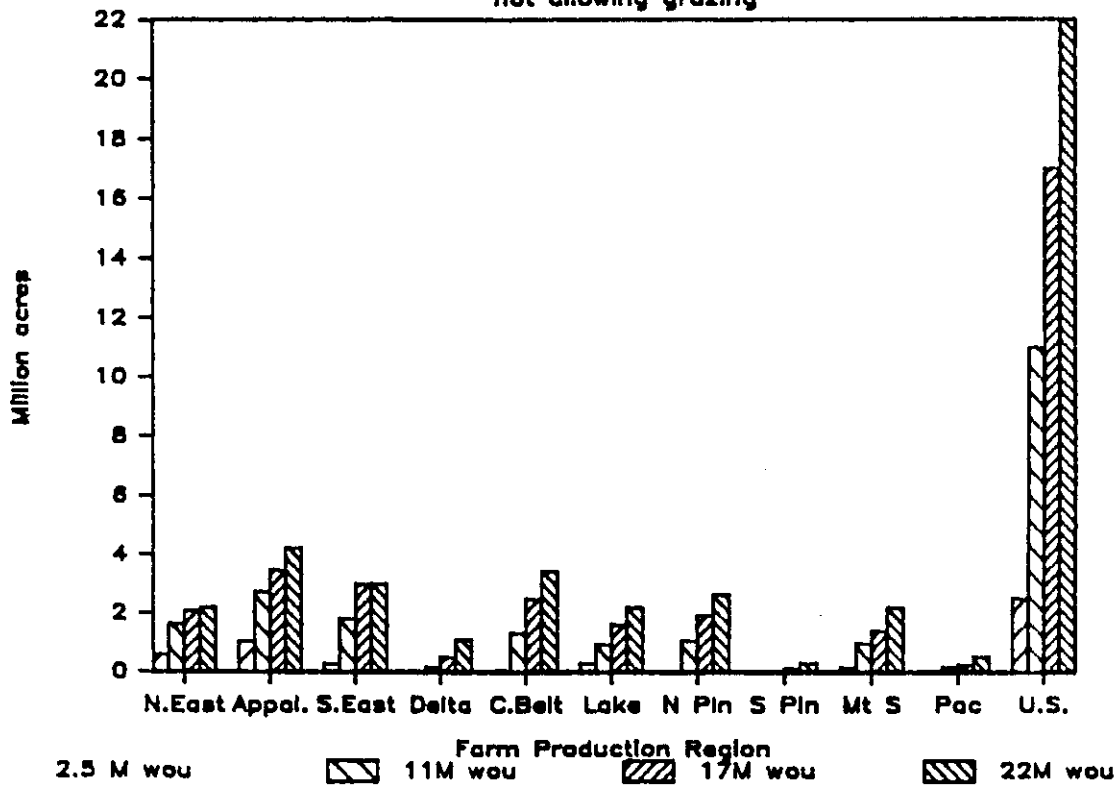
FIGURE 6. Land in crops for the Base by USDA
Farm Production Regions



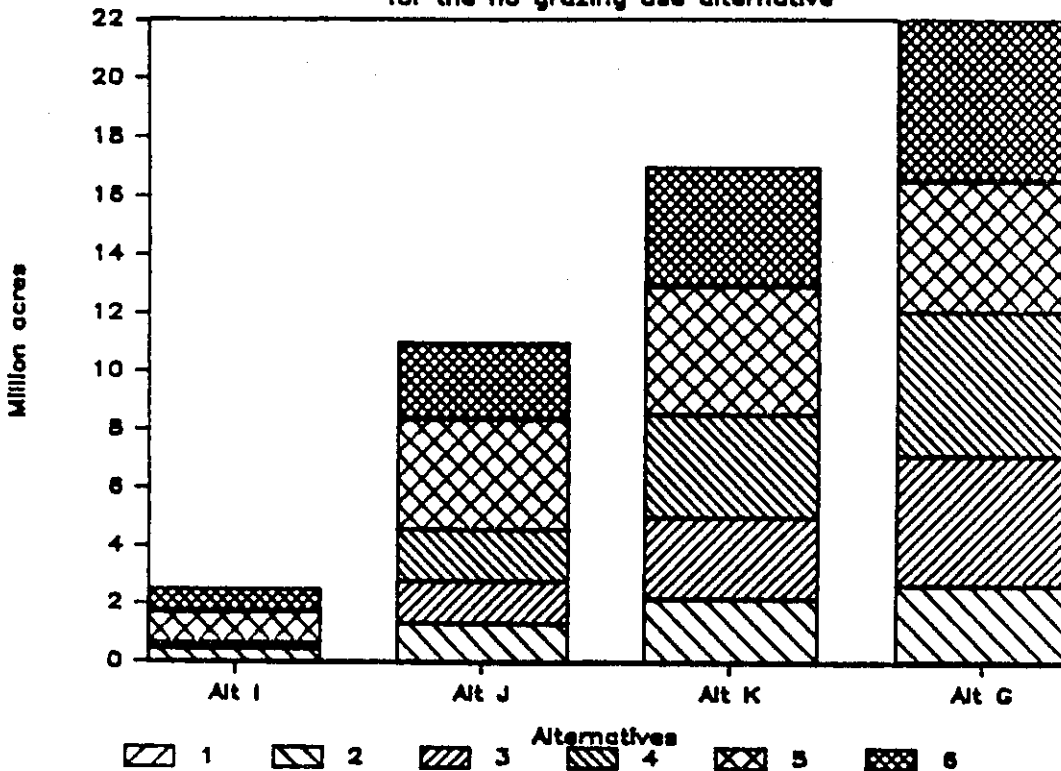


Figures 7, 8, 9, 10. Land use, land retired, and per acre soil loss for the allowing pasture use alternatives

Land placed in the program by alter. not allowing grazing

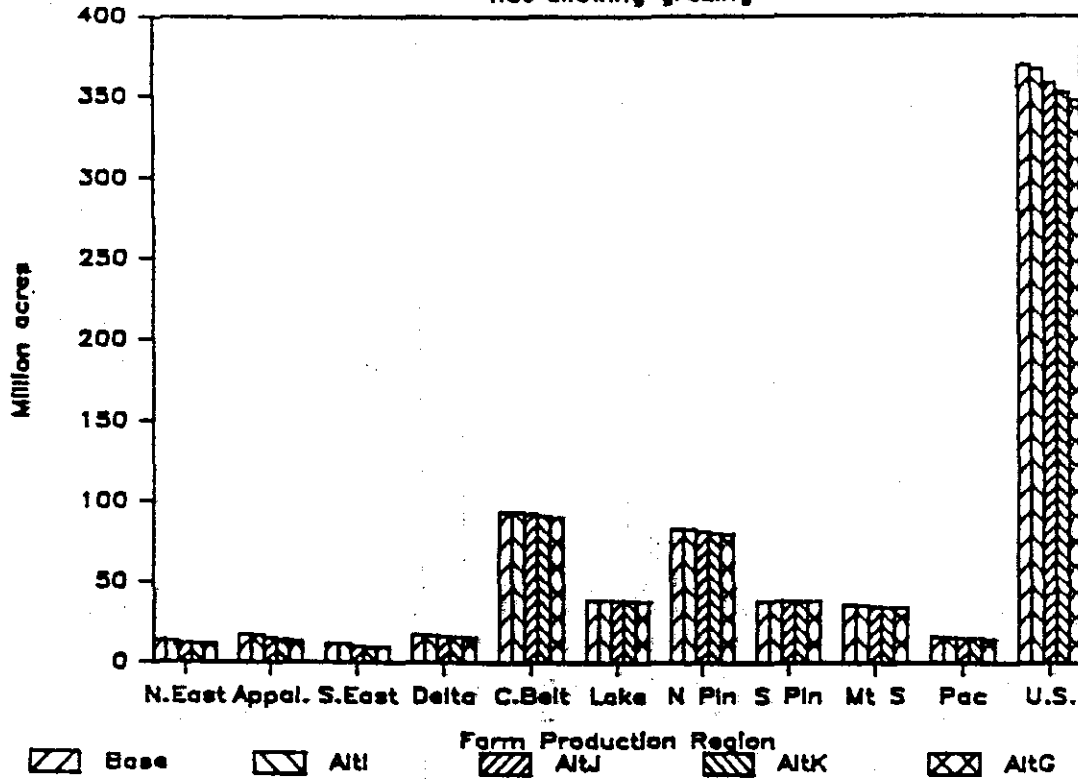


Land in retirement by Land group for the no grazing use alternative

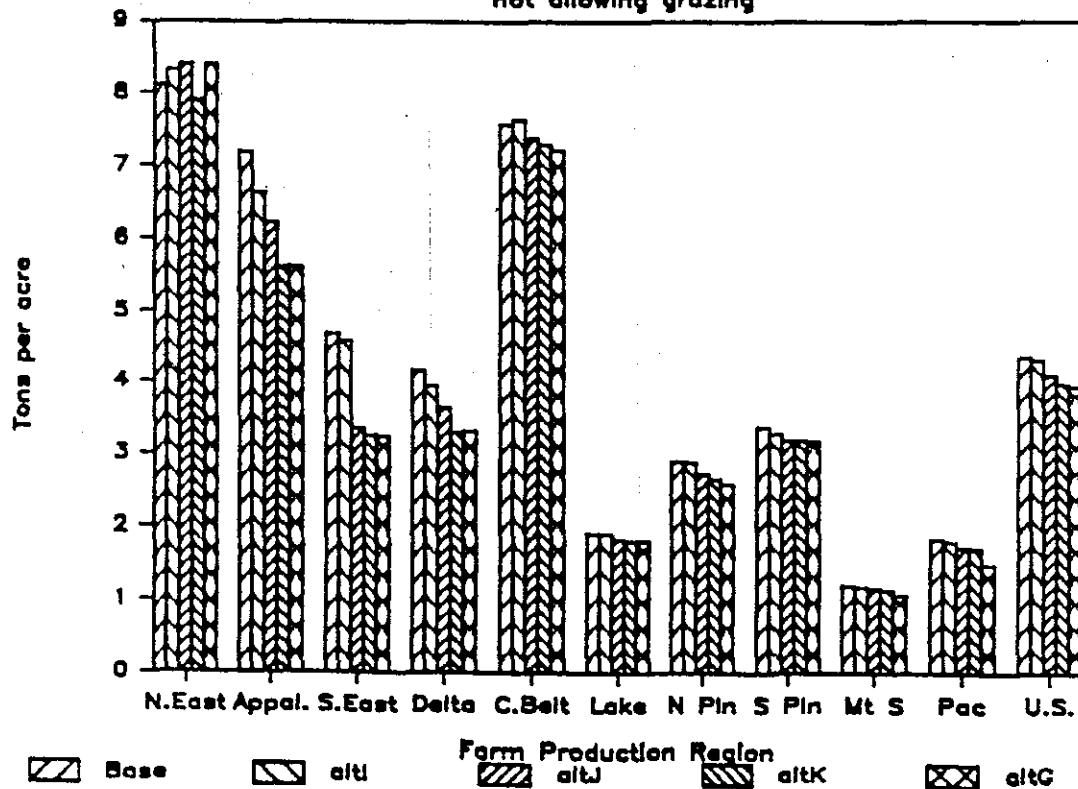


Figures 11 & 12. Land in program and retired land distribution by land group for the no use alternative

Land use by alternative when not allowing grazing

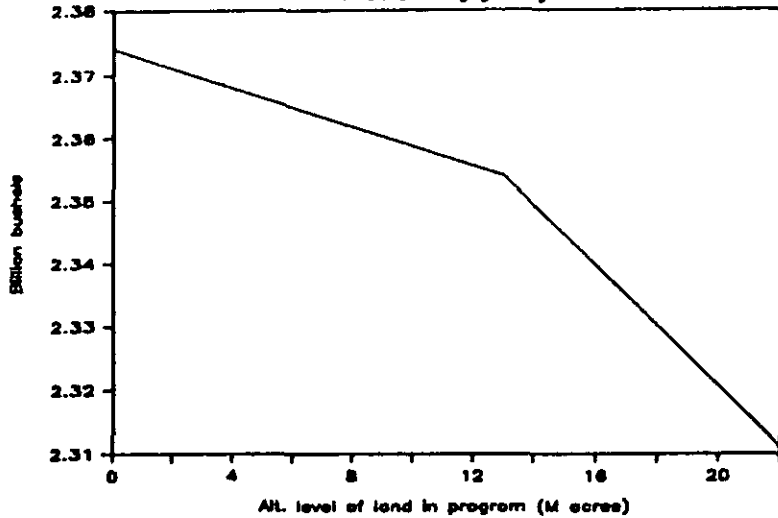


Soil loss by alternative when not allowing grazing

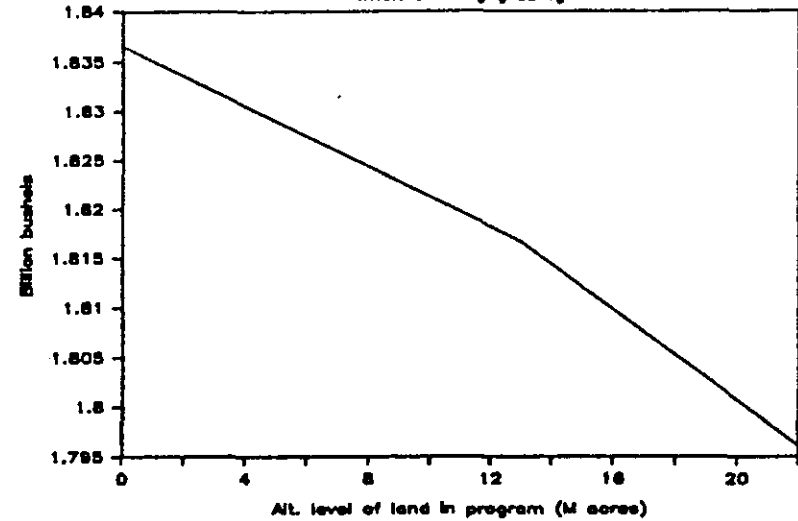


Figures 13 & 14. Land use and per acre soil loss for the no use alternatives by USDA Farm Production Region

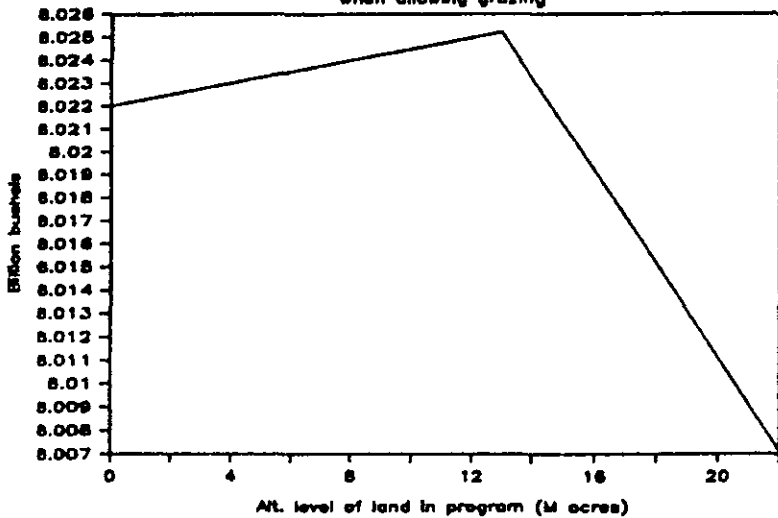
Total wheat production by alternative
when allowing grazing



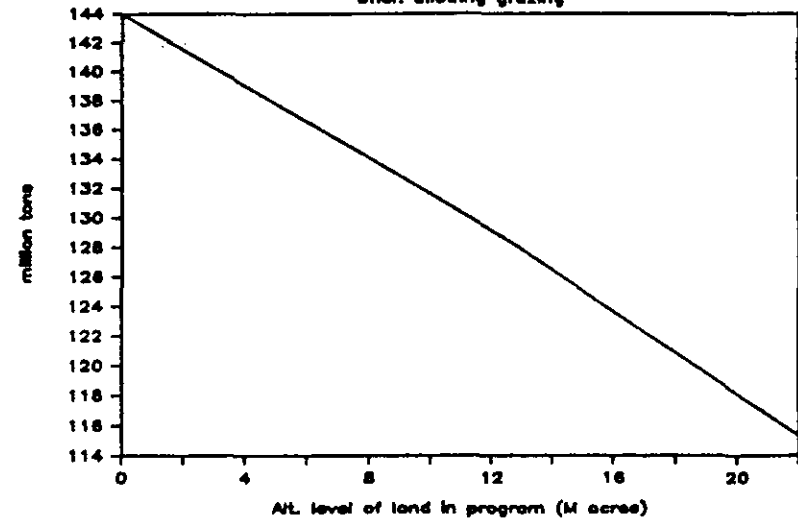
Total soybean production by alter.
when allowing grazing



Total corn production by alternative
when allowing grazing



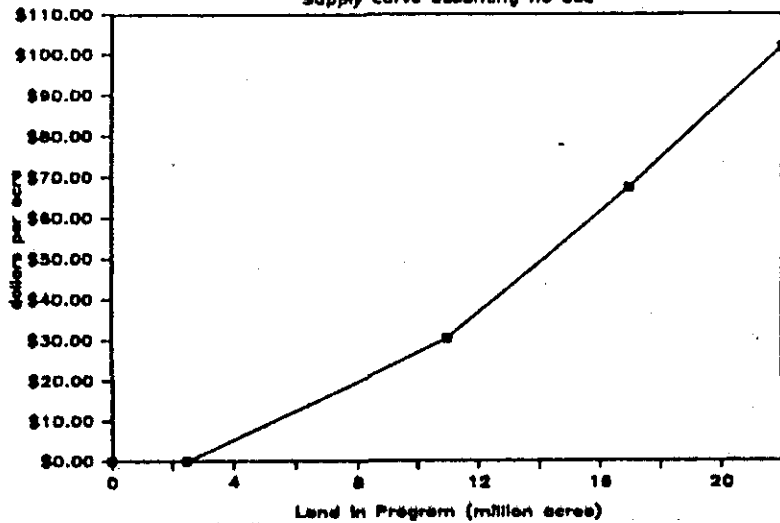
Total hay production by alternative
when allowing grazing



Figures 15, 16, 17, & 18. Corn, wheat, soybean, and hay production under the allowing use alternatives

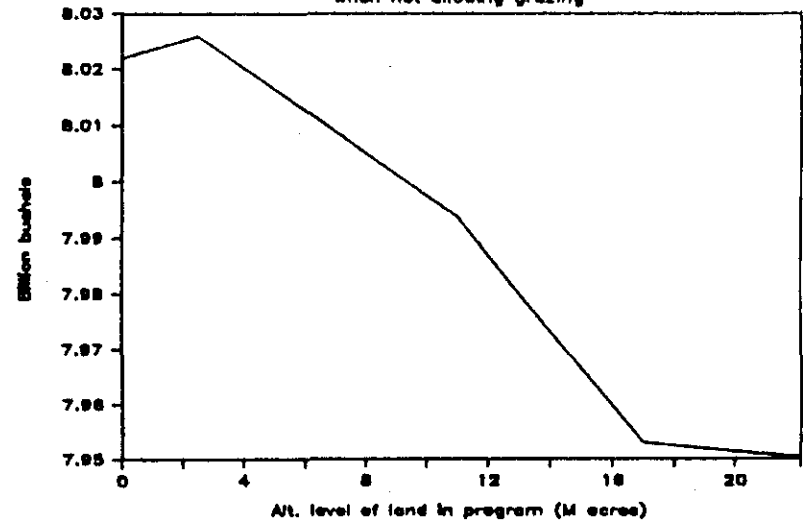
Marginal Land Retirement

Supply curve assuming no use



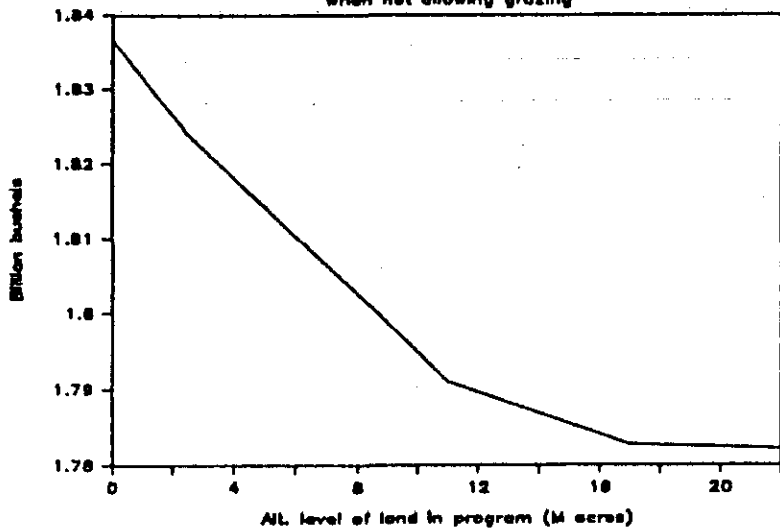
Total corn production by alternative

when not allowing grazing



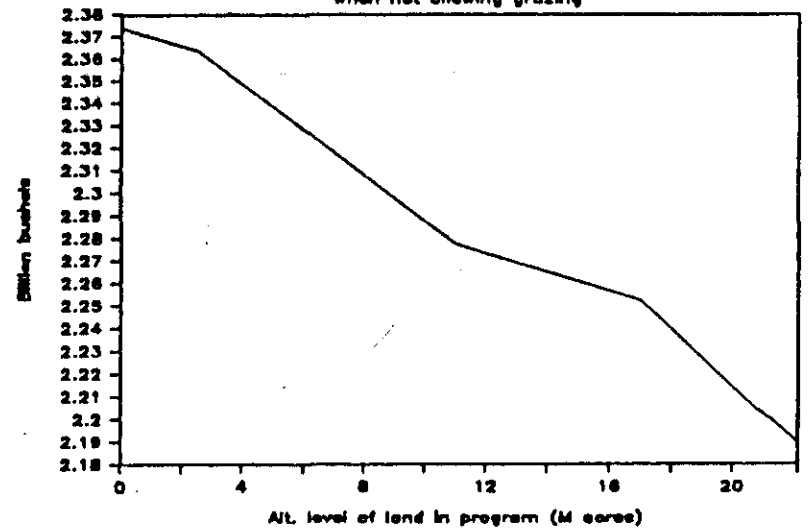
Total soybean production by alter.

when not allowing grazing



Total wheat production by alternative

when not allowing grazing



Figures 19, 20, 21, & 22. Corn, soybean, and wheat production and marginal land supply curve for the no use alternatives

Table 1. Description of the alternatives examined in the long-term conservation analysis

Alternative	Allowing Use	No Use Allowed
Base	0	0
Voluntary ^a	12.2	2.5
Forced		
Intermediate levels:		
1		11
2		17
Forced 22 million	22	22

^aVoluntary indicates that these lands were not forced into solution. In other words, it was more profitable to place this land into the program than to produce with it.

Other Agricultural Characteristics

Land Use

Of the total cropland base of 418 million acres, 206 million acres are in row crops, 116 million in close grown, 38 million in hayland and 58 million in other cropland (Table 2) [Soil Conservation Service, 1984]. For state by state distribution of crop production, see Appendix A.

Of this 418 million acres, 167 million have some type of practice which reduces the P factor. Farmers reduce the P factor through a reduction in tillage (minimum tillage), contouring, strip cropping, and terracing. One hundred million acres are currently under some form of reduced tillage with 48.6 million occurring under the production of row crops. Contouring occurs on 35 million acres with terracing placed on 28.5 million acres (Table 3).

Table 2. Estimated acreages of cropland uses by RKLS groups, 1982 NRI, United States and the Caribbean

RKLS	Row Crops	Close Grown Crops	Hayland	Other Cropland	Total Cropland
-----million acres-----					
0.0-5.0	44.8	38.0	12.0	19.4	114.3
5.1-10.0	56.7	28.0	6.5	13.5	104.8
10.1-15.0	31.6	16.6	3.0	6.7	58.0
15.1-20.0	18.1	9.3	2.6	4.1	34.1
20.1-25.0	10.8	6.1	1.5	2.4	20.8
25.1-30.0	7.3	4.2	1.4	1.8	14.7
30.1-35.0	5.4	2.9	1.0	1.3	10.5
35.1-40.0	4.0	1.9	1.0	1.0	7.8
40.1-50.0	6.0	2.6	1.4	1.5	11.5
50.1-75.0	8.9	3.2	2.1	2.3	16.6
75.1-100.0	4.7	1.4	1.4	1.3	8.8
100.0 & up	7.9	1.6	3.4	2.7	15.6
Total acres	206.3	115.6	37.5	58.1	417.5
Average RKLS (tons/acre)	22.3	15.4	35.2	24.5	21.8

Source: Rosenberry and English, 1985.

Table 3. Comparison of selected conservation practices for the United States and the Caribbean, 1982 NRI

Practice	Million Acres	Percent Distribution	Percent of Row Crops	Percent of Cropland
Minimum tillage	100.2	60.0	48.6	24.0
Contour system	34.2	20.9	16.9	8.4
Strip cropping	3.4	2.0	1.6	0.8
Terrace system	28.5	17.1	13.8	6.8
Total	167.0 ¹	100.0	80.9	40.0

¹Double counting is present in total. Each sample point could up to three practices. Therefore, actual acreage is between 100.2 and 167.0 million acres.

Source: Computed from 1982 NRI, USDA-SCS, 1984.

Finally, by taking a look at Figure 23, we find that the c value is lowest for hayland over all classes of erodible land. In addition, the c factor changes very little when practices are employed (Figures 24, 25 and 26). It appears from the analysis of current data and from the study presented here, that land use changes have the largest impact in erosion levels. By changing cropland from row crops to pasture will result in a reduction in erosion by approximately 200 percent over all KLSR classes of land. Also, it appears that the long-term conservation program would not be able to allow use if impacts on commodity programs are desired, unless a new market must be found for the plant material produced in these lands.

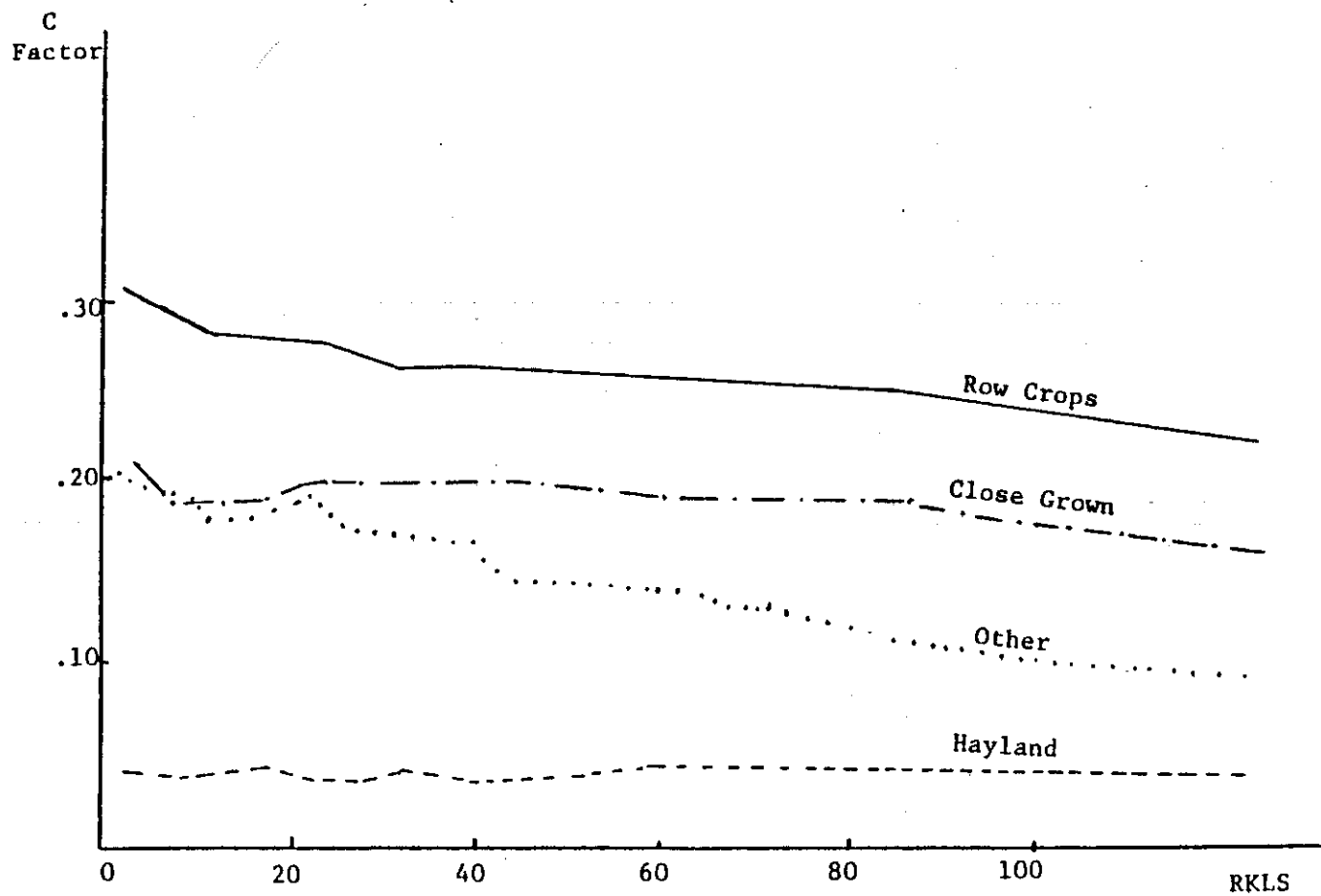


Figure 23. Comparison of C value for selected land uses by RKLS groups, United States and Caribbean, 1984 NRI

Source: Computed from 1982 NRI, USDA-SCS, 1984.

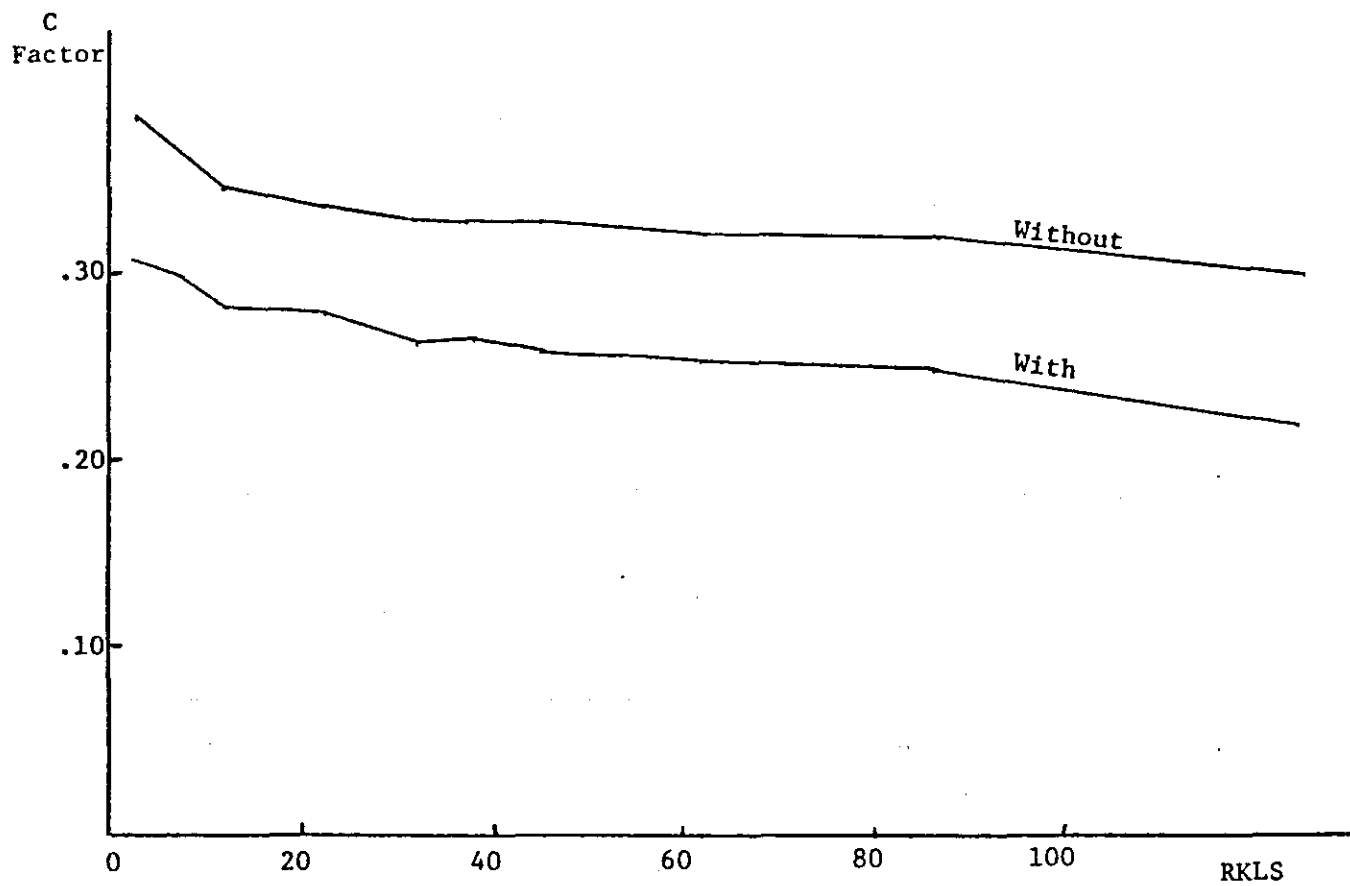


Figure 24. Comparison of C factors for row crops with and without practices, United States and Caribbean, 1984 NRI

Source: Computed from 1982 NRI, USDA-SCS, 1984.

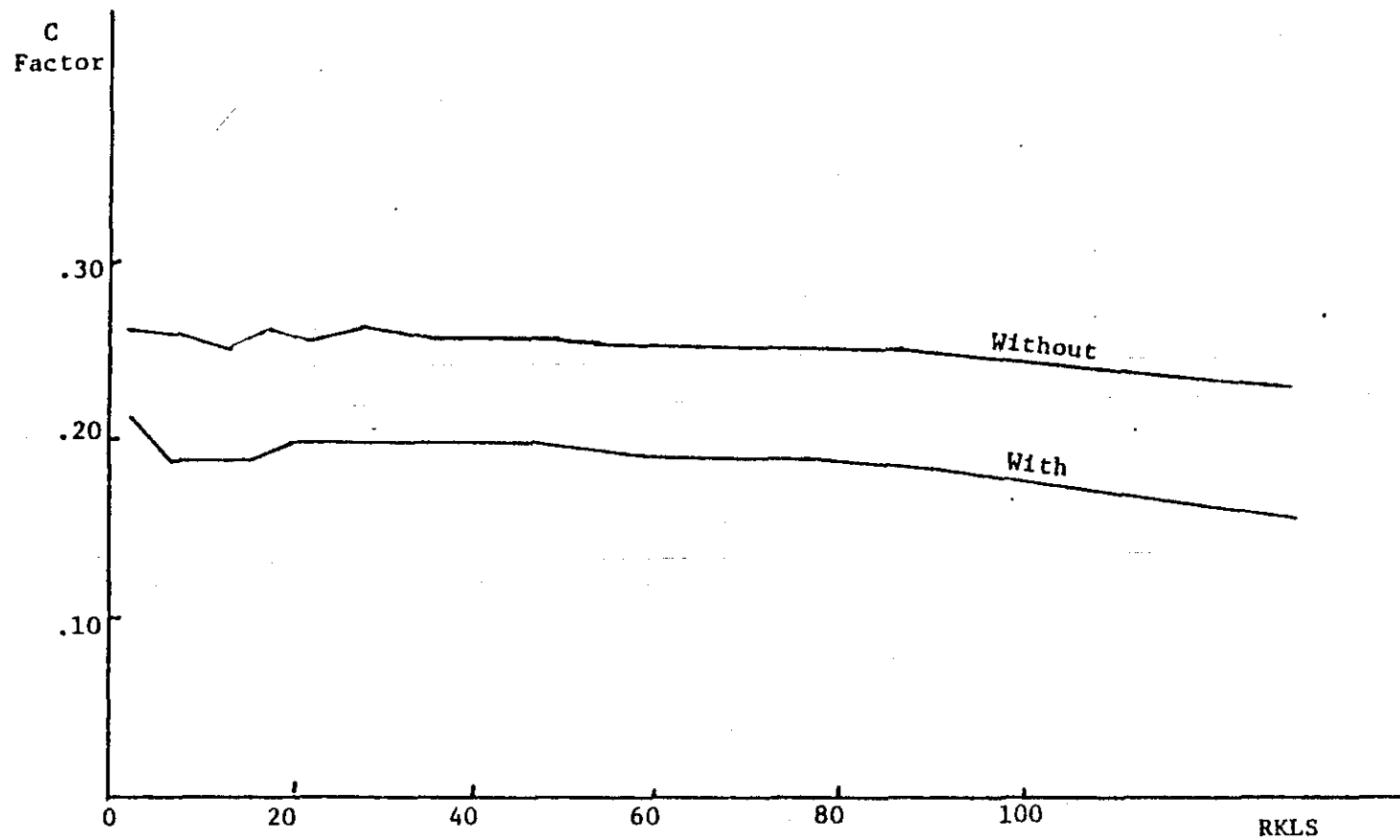


Figure 25. Comparison of C factors for close grown with and without practices, United States and Caribbean, 1984 NRI

Source: Computed from 1982 NRI, USDA-SCS, 1984.

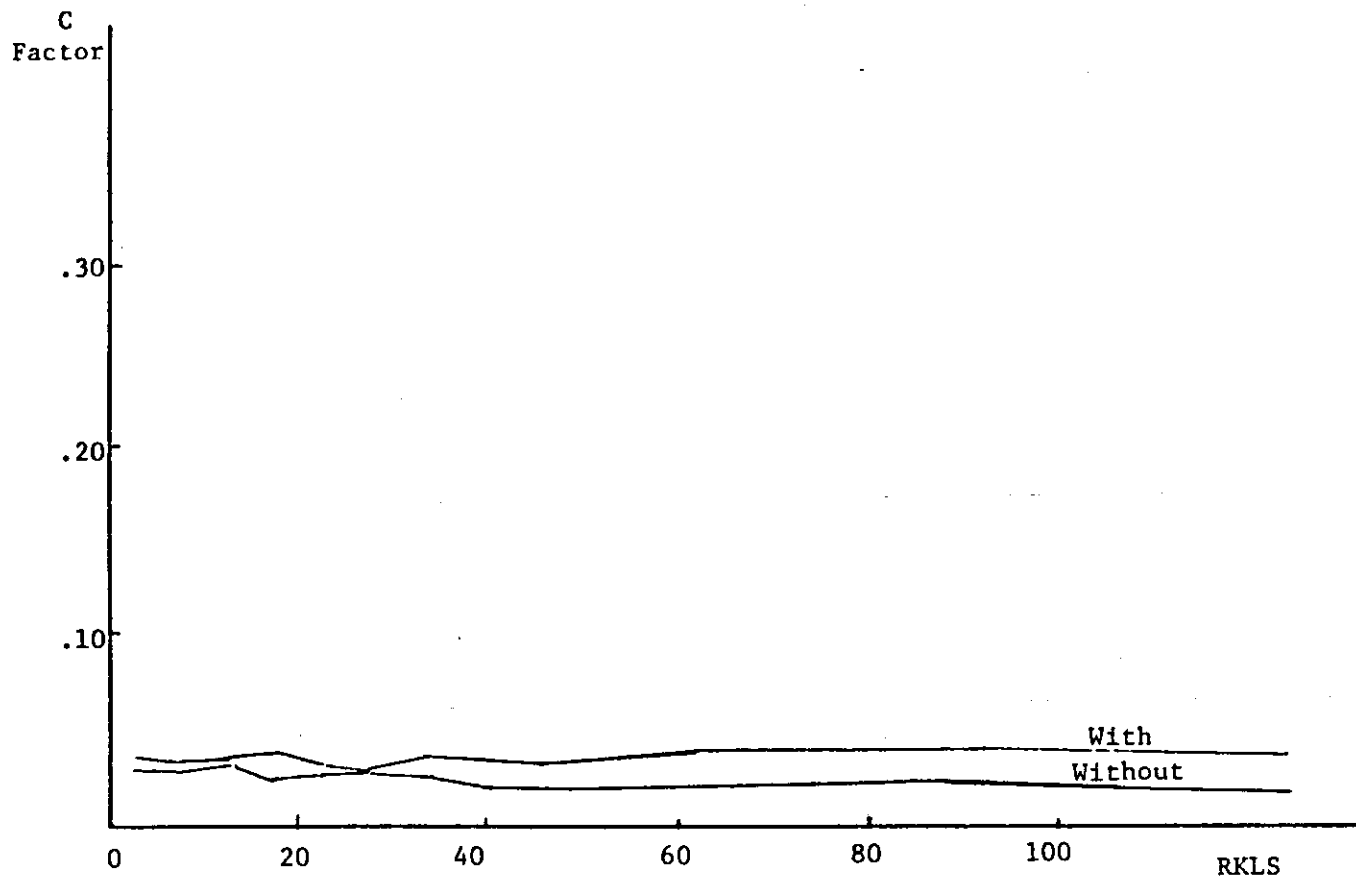


Figure 26. Comparison of C factor for hayland with and without practices, United States and Caribbean, 1984 NRI

Source: Computed from 1982 NRI, USDA-SCS, 1984.

Table 1. Acreage data by crop for Alabama

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	4.80	0.00	4.80	
Nuts	43.60	0.00	43.60	
Vineyard	0.00	0.00	0.00	
Bush Fruit	0.00	0.00	0.00	
Berries	0.00	0.00	0.00	
Other Hort.	6.90	0.00	6.90	
Corn	518.40	28.20	546.60	*
Sorghum	94.20	0.40	94.60	*
Soybeans	1976.50	18.50	1995.00	*
Cotton	398.50	0.00	398.50	*
Peanuts	290.80	33.90	324.70	*
Tobacco	2.70	0.00	2.70	
Sugarbeets	0.00	0.00	0.00	
Potatoes	12.10	0.00	12.10	
Other Veg.	58.80	2.60	61.40	*
Other Row Crop	4.20	0.00	4.20	
Sunflowers	1.50	0.00	1.50	*
Wheat	201.00	2.40	203.40	
Oats	18.00	1.30	19.30	
Rice	1.30	0.00	1.30	
Barley	0.00	0.00	0.00	
Flax	0.00	0.00	0.00	
Other Close Grown	44.40	1.30	45.70	*
Summer Fallow	7.00	0.00	7.00	*
Other Cropland	392.30	0.00	392.30	
Cool Season Hay	34.00	0.00	34.00	
Warm Season Hay	217.70	0.40	218.10	*
Legume Hay	11.00	0.00	11.00	
Non Legume Hay	20.90	0.00	20.90	
All Hay	283.60	0.40	0.00	
Total	4435.20	89.00	4524.20	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 3. Acreage data by crop for Arkansas

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	10.40	4.50	14.90	
Nuts	2.30	0.00	2.30	
Vineyard	0.00	0.00	0.00	
Bush Fruit	0.00	0.00	0.00	
Berries	0.00	5.90	5.90	
Other Hort.	0.00	0.00	0.00	
Corn	25.10	5.40	30.50	
Sorghum	316.40	23.60	340.00	*
Soybeans	3016.90	1198.30	4215.20	*
Cotton	502.50	122.20	624.70	*
Peanuts	0.00	0.00	0.00	
Tobacco	0.00	0.00	0.00	
Sugarbeets	0.00	0.00	0.00	
Potatoes	0.00	0.00	0.00	
Other Veg.	7.80	0.00	7.80	
Other Row Crop	2.50	2.40	4.90	
Sunflowers	0.00	0.00	0.00	
Wheat	603.00	187.40	790.40	*
Oats	21.20	0.00	21.20	*
Rice	5.30	1703.10	1708.40	
Barley	0.00	2.70	2.70	
Flax	0.00	0.00	0.00	
Other Close Grown	0.00	0.00	0.00	
Summer fallow	23.40	7.90	31.30	
Other Cropland	56.20	1.70	57.90	
Cool Season Hay	29.70	0.00	29.70	
Warm Season Hay	114.10	0.00	114.10	*
Legume Hay	12.30	0.00	12.30	
Non Legume Hay	15.40	0.00	15.40	
All Hay	171.50	0.00	0.00	*
Total	4815.30	3319.90	8135.20	

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 4. Acreage data by crop for California

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	46.00	828.50	874.50	*
Nuts	20.60	608.60	629.20	*
Vineyard	15.80	778.10	793.90	*
Bush Fruit	0.00	0.00	0.00	
Berries	0.00	34.00	34.00	
Other Hort.	2.10	48.20	50.30	
Corn	1.70	404.70	406.40	*
Sorghum	0.00	22.40	22.40	
Soybeans	0.00	6.80	6.80	*
Cotton	0.00	1599.00	1599.00	*
Peanuts	0.00	0.00	0.00	
Tobacco	0.00	0.00	0.00	*
Sugarbeets	0.00	256.30	256.30	*
Potatoes	0.00	22.70	22.70	*
Other Veg.	0.00	584.70	584.70	*
Other Row Crop	5.80	274.00	279.80	*
Sunflowers	0.00	13.80	13.80	*
Wheat	247.10	616.00	863.10	*
Oats	83.30	52.10	135.40	*
Rice	0.00	666.20	666.20	*
Barley	354.80	538.10	892.90	*
Flax	0.00	0.00	0.00	*
Other Close Crown	10.80	249.90	260.70	*
Summer Fallow	208.00	228.50	436.50	*
Other Cropland	309.50	6.40	315.90	*
Cool Season Hay	113.80	48.40	162.20	*
Warm Season Hay	17.00	44.00	61.00	*
Legume Hay	1.50	918.40	919.90	*
Non Legume Hay	2.80	82.80	85.60	
All Hay	135.10	1093.60	0.00	*
Total	1501.00	8955.80	10456.80	

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 5. Acreage data by crop for Colorado

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	0.00	10.70	10.70	
Nuts	0.00	0.00	0.00	
Vineyard	0.00	0.00	0.00	
Bush Fruit	0.00	0.00	0.00	
Berries	0.00	0.00	0.00	
Other Hort.	0.00	0.70	0.70	
Corn	26.90	896.50	923.40	*
Sorghum	460.40	159.10	619.50	*
Soybeans	0.00	0.00	0.00	
Cotton	0.00	0.00	0.00	
Peanuts	0.00	0.00	0.00	
Tobacco	0.00	1.80	1.80	
Sugarbeets	0.00	68.40	68.40	
Potatoes	0.00	28.50	28.50	
Other Veg.	3.20	67.00	70.20	
Other Row Crop	72.20	95.60	167.80	*
Sunflowers	0.00	2.00	2.00	
Wheat	3484.80	269.80	3754.60	*
Oats	36.10	19.20	55.30	
Rice	0.00	0.00	0.00	
Barley	40.10	326.30	366.40	*
Flax	0.00	0.00	0.00	
Other Close Grown	29.80	13.40	43.20	
Summer Fallow	2724.70	29.40	2754.10	*
Other Cropland	217.60	0.00	217.60	*
Cool Season Hay	70.90	425.20	496.10	*
Warm Season Hay	10.30	60.60	70.90	
Legume Hay	21.70	436.30	458.00	*
Non Legume Hay	28.30	213.40	241.70	*
All Hay	131.20	1135.50	0.00	
Total	7265.80	3136.30	10402.10	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 6. Acreage data by crop for Connecticut

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	2.90	1.50	4.40	*
Nuts	0.00	0.00	0.00	
Vineyard	0.00	0.00	0.00	
Bush Fruit	0.00	0.00	0.00	
Berries	0.00	0.00	0.00	
Other Hort.	8.40	3.40	11.80	*
Corn	63.50	0.00	63.50	*
Sorghum	0.00	0.00	0.00	
Soybeans	0.00	0.00	0.00	
Cotton	0.00	0.00	0.00	
Peanuts	0.00	0.00	0.00	
Tobacco	6.50	3.20	9.70	*
Sugarbeets	0.00	0.00	0.00	
Potatoes	3.20	0.00	3.20	*
Other Veg.	8.80	0.90	9.70	*
Other Row Crop	2.40	0.80	3.20	*
Sunflowers	0.00	0.00	0.00	
Wheat	0.00	0.00	0.00	
Oats	0.00	0.00	0.00	
Rice	0.00	0.00	0.00	
Barley	0.00	0.00	0.00	
Flax	0.00	0.00	0.00	
Other Close Grown	2.50	0.00	2.50	*
Summer Fallow	0.00	0.00	0.00	
Other Cropland	25.30	0.00	25.30	*
Cool Season Hay	79.30	0.00	79.30	*
Warm Season Hay	0.00	0.00	0.00	
Legume Hay	0.50	0.00	0.50	
Non Legume Hay	27.80	0.00	27.80	*
All Hay	107.60	0.00	107.60	*
Total	231.10	9.80	240.90	

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 7. Acreage data by crop for Delaware

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	0.00	0.00	0.00	
Nuts	0.00	0.00	0.00	
Vineyard	0.00	0.00	0.00	
Bush Fruit	3.50	0.00	3.50	
Berries	0.00	0.00	0.00	
Other Hort.	0.00	0.90	0.90	
Corn	172.10	19.60	191.70	*
Sorghum	0.00	0.00	0.00	
Soybeans	209.20	12.60	221.80	*
Cotton	0.00	0.00	0.00	
Peanuts	0.00	0.00	0.00	
Tobacco	0.00	0.00	0.00	
Sugarbeets	0.00	0.00	0.00	
Potatoes	1.60	1.50	3.10	
Other Veg.	6.70	6.70	13.40	*
Other Row Crop	1.20	0.00	1.20	
Sunflowers	0.00	0.00	0.00	
Wheat	38.00	8.20	46.20	*
Oats	1.10	0.00	1.10	
Rice	0.00	0.00	0.00	
Barley	9.90	0.00	9.90	*
Flax	0.00	0.00	0.00	*
Other Close Grown	5.40	0.00	5.40	
Summer Fallow	0.00	0.00	0.00	
Other Cropland	2.60	0.00	2.60	
Cool Season Hay	1.60	0.00	1.60	
Warm Season Hay	0.00	0.00	0.00	
Legume Hay	3.90	0.00	3.90	
Non Legume Hay	5.20	0.00	5.20	*
All Hay	10.70	0.00	10.70	
Total	464.40	49.50	513.90	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 8. Acreage data by crop for Florida

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	210.70	775.90	986.60	*
Nuts	16.30	0.00	16.30	
Vineyard	2.50	0.50	3.00	
Bush Fruit	0.00	0.00	0.00	
Berries	0.00	1.50	1.50	
Other Hort.	22.50	41.80	64.30	*
Corn	303.90	68.60	372.50	*
Sorghum	48.60	3.70	52.30	*
Soybeans	357.10	34.70	391.80	*
Cotton	15.80	4.90	20.70	
Peanuts	50.70	1.30	52.00	*
Tobacco	5.60	8.70	14.30	
Sugarbeets	0.00	0.00	0.00	
Potatoes	0.50	58.40	58.90	*
Other Veg.	43.50	167.40	210.90	*
Other Row Crop	21.50	16.60	38.10	*
Sunflowers	3.20	0.00	3.20	
Wheat	48.10	13.00	61.10	*
Oats	9.60	1.80	11.40	
Rice	0.00	0.00	0.00	
Barley	0.00	0.00	0.00	
Flax	0.00	0.00	0.00	
Other Close Grown	59.00	617.20	676.20	*
Summer Fallow	41.10	5.50	46.60	*
Other Cropland	191.10	0.60	191.70	*
Cool Season Hay	26.50	3.20	29.70	
Warm Season Hay	86.30	5.90	92.20	*
Legume Hay	1.70	0.00	1.70	
Non Legume Hay	1.10	0.00	1.10	
All Hay	115.60	9.10	0.00	
Total	1776.50	1879.80	3656.30	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 9. Acreage data by crop for Georgia

Crop Name	Dryland	1000 Acres		Crop Select
		Irrigated	Total	
Fruit	27.90	2.50	30.40	
Nuts	165.60	36.60	202.20	*
Vineyard	3.80	0.00	3.80	
Bush Fruit	0.00	0.00	0.00	
Berries	1.70	1.60	3.30	
Other Hort.	15.80	1.20	17.00	
Corn	1244.20	352.70	1596.90	*
Sorghum	147.90	17.10	165.00	*
Soybeans	2099.30	225.00	2324.30	*
Cotton	208.40	29.70	238.10	*
Peanuts	310.00	197.30	507.30	*
Tobacco	48.90	32.10	81.00	*
Sugarbeets	0.00	0.00	0.00	
Potatoes	1.60	1.20	2.80	
Other Veg.	58.80	25.10	83.90	*
Other Row Crop	24.30	0.00	24.30	
Sunflowers	0.60	0.00	0.60	
Wheat	456.70	91.20	547.90	*
Oats	15.10	2.00	17.10	
Rice	3.40	0.00	3.40	
Barley	0.00	2.40	2.40	
Flax	0.00	0.00	0.00	
Other Close Grown	91.80	28.10	119.90	*
Summer Fallow	8.70	2.50	11.20	
Other Cropland	309.00	0.00	309.00	*
Cool Season Hay	59.40	0.00	59.40	
Warm Season Hay	116.30	2.50	118.80	*
Legume Hay	6.80	0.00	6.80	
Non Legume Hay	5.60	0.00	5.60	
All Hay	188.10	2.50	0.00	
Total	5552.00	1054.40	6606.40	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 10. Acreage data by crop for Idaho

Crop Name	Dryland	Irrigated	Total	Crop Select
Fruit	0.00	14.30	14.30	
Nuts	0.00	0.00	0.00	
Vineyard	0.00	0.00	0.00	
Bush Fruit	0.00	0.00	0.00	
Berries	0.00	0.60	0.60	
Other Hort.	0.00	1.30	1.30	
Corn	0.30	197.70	198.00	*
Sorghum	0.00	0.00	0.00	
Soybeans	0.00	0.00	0.00	
Cotton	0.00	0.00	0.00	
Peanuts	0.00	0.00	0.00	
Tobacco	0.00	0.00	0.00	
Sugarbeets	0.00	150.90	150.90	*
Potatoes	3.80	318.90	322.70	*
Other Veg.	0.00	114.60	114.60	*
Other Row Crop	1.60	164.50	166.10	*
Sunflowers	0.00	0.00	0.00	
Wheat	1118.90	872.40	1991.30	*
Oats	25.60	17.70	43.30	
Rice	0.00	0.00	0.00	
Barley	528.70	548.00	1076.70	*
Flax	0.00	0.00	0.00	
Other Close Grown	177.20	59.40	236.60	*
Summer Fallow	526.40	8.90	535.30	*
Other Cropland	37.20	2.50	39.70	
Cool Season Hay	109.50	92.80	202.30	*
Warm Season Hay	0.00	0.00	0.00	
Legume Hay	99.70	603.10	702.80	*
Non Legume Hay	100.70	292.30	393.00	*
All Hay	309.90	988.20	0.00	
Total	2747.00	3465.30	6212.30	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 11. Acreage data by crop for Illinois

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	22.50	0.00	22.50	
Nuts	1.10	0.00	1.10	
Vineyard	0.00	0.00	0.00	
Bush Fruit	0.00	0.00	0.00	
Berries	3.50	0.00	3.50	
Other Hort.	4.00	8.70	12.70	
Corn	12285.60	99.20	12384.80	*
Sorghum	135.90	0.00	135.90	
Soybeans	8183.50	34.40	8217.90	*
Cotton	0.00	0.00	0.00	
Peanuts	0.00	0.00	0.00	
Tobacco	0.00	0.00	0.00	
Sugarbeets	0.00	0.00	0.00	
Potatoes	0.00	0.00	0.00	
Other Veg.	67.30	7.80	75.10	
Other Row Crop	7.00	0.00	7.00	
Sunflowers	2.90	0.00	2.90	
Wheat	2306.40	17.70	2324.10	*
Oats	110.50	0.00	110.50	
Rice	6.30	0.00	6.30	
Barley	1.40	0.00	1.40	
Flax	0.70	0.00	0.70	
Other Close Grown	21.00	0.00	21.00	
Summer Fallow	9.70	0.00	9.70	
Other Cropland	132.10	0.00	132.10	
Cool Season Hay	205.30	0.00	205.30	
Warm Season Hay	8.80	0.00	8.80	
legume Hay	404.90	0.00	404.90	*
Non Legume Hay	478.30	0.00	478.30	*
All Hay	1097.30	0.00	0.00	
Total	24511.30	167.80	24679.10	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 12. Acreage data by crop for Indiana

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	12.70	0.00	12.70	
Nuts	0.00	0.00	0.00	
Vineyard	0.00	0.00	0.00	
Bush Fruit	0.00	0.00	0.00	
Berries	1.70	0.70	2.40	
Other Hort.	11.90	0.00	11.90	
Corn	7426.10	106.00	7532.10	*
Sorghum	12.00	0.00	12.00	
Soybeans	3928.90	21.20	3950.10	*
Cotton	0.00	0.00	0.00	
Peanuts	0.00	0.00	0.00	
Tobacco	8.80	0.00	8.80	
Sugarbeets	0.00	0.00	0.00	
Potatoes	0.00	1.10	1.10	
Other Veg.	20.90	3.30	24.20	
Other Row Crop	1.30	1.20	2.50	
Sunflowers	0.00	0.00	0.00	
Wheat	1157.10	3.50	1160.60	*
Oats	25.30	0.00	25.30	
Rice	0.70	0.00	0.70	
Barley	1.10	0.00	1.10	
Flax	0.00	0.00	0.00	
Other Close Grown	31.60	7.60	39.20	
Summer Fallow	5.40	0.00	5.40	
Other Cropland	127.20	0.00	127.20	
Cool Season Hay	239.60	1.40	241.00	*
Warm Season Hay	8.20	0.00	8.20	
Legume Hay	138.20	0.00	138.20	*
Non Legume Hay	355.30	3.20	358.50	*
All Hay	741.30	4.60	0.00	
Total	13606.40	149.20	13755.60	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 13. Acreage data by crop for Iowa

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	7.10	1.70	8.80	
Nuts	0.00	0.00	0.00	
Vineyard	0.00	0.00	0.00	
Bush Fruit	0.00	0.00	0.00	
Berries	0.00	0.00	0.00	
Other Hort.	7.40	0.00	7.40	
Corn	14535.80	94.10	14629.90	*
Sorghum	49.80	0.00	49.80	
Soybeans	8255.60	55.60	8311.20	*
Cotton	0.00	0.00	0.00	
Peanuts	0.00	0.00	0.00	
Tobacco	0.00	0.00	0.00	
Sugarbeets	0.00	0.00	0.00	
Potatoes	0.00	1.20	1.20	
Other Veg.	1.90	0.00	1.90	
Other Row Crop	1.70	0.00	1.70	
Sunflowers	0.00	0.00	0.00	
Wheat	127.20	1.60	128.80	
Oats	760.20	0.00	760.20	*
Rice	4.40	0.00	4.40	
Barley	3.60	0.00	3.60	
Flax	0.00	0.00	0.00	
Other Close Grown	10.40	0.00	10.40	
Summer Fallow	0.00	0.00	0.00	
Other Cropland	65.00	0.00	65.00	
Cool Season Hay	281.50	1.20	282.70	*
Warm Season Hay	9.80	0.00	9.80	
Legume Hay	632.00	0.90	632.90	*
Non Legume Hay	1331.10	0.00	1331.10	*
All Hay	2254.40	2.10	0.00	
Total	26292.10	156.30	26448.40	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 14. Acreage data by crop for Kansas

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	3.40	0.00	3.40	
Nuts	1.30	0.00	1.30	
Vineyard	0.60	0.00	0.60	
Bush Fruit	0.00	0.00	0.00	
Berries	0.00	0.00	0.00	
Other Hort.	2.80	2.60	5.40	
Corn	496.10	1163.80	1659.90	*
Sorghum	3500.70	856.00	4356.70	*
Soybeans	1238.80	117.10	1355.90	*
Cotton	0.00	0.00	0.00	
Peanuts	0.00	0.00	0.00	
Tobacco	0.30	0.00	0.30	
Sugarbeets	0.00	16.40	16.40	
Potatoes	0.00	0.30	0.30	
Other Veg.	0.60	9.30	9.90	
Other Row Crop	22.30	20.90	43.20	
Sunflowers	0.00	11.20	11.20	
Wheat	13508.00	886.10	14394.10	*
Oats	92.00	2.10	94.10	
Rice	0.00	0.00	0.00	
Barley	8.00	0.00	8.00	
Flax	0.00	0.00	0.00	
Other Close Grown	106.60	8.50	115.10	
Summer Fallow	4780.70	166.30	4947.00	*
Other Cropland	151.80	0.00	151.80	
Cool Season Hay	397.40	3.40	400.80	*
Warm Season Hay	516.70	0.80	517.50	*
Legume Hay	660.50	218.10	878.60	*
Non Legume Hay	43.60	2.80	46.40	
All Hay	1618.20	225.10	1843.30	
Total	25568.20	3485.70	29053.90	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 15. Acreage data by crop for Kentucky

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	8.90	0.00	8.90	
Nuts	0.00	0.00	0.00	
Vineyard	0.00	0.00	0.00	
Bush Fruit	0.00	0.00	0.00	
Berries	3.00	0.00	3.00	
Other Hort.	6.30	0.00	6.30	
Corn	1794.60	1.30	1795.90	*
Sorghum	37.10	0.00	37.10	
Soybeans	1523.70	2.10	1525.80	*
Cotton	0.00	0.00	0.00	
Peanuts	0.00	0.00	0.00	
Tobacco	339.40	10.50	349.90	*
Sugarbeets	0.00	0.00	0.00	
Potatoes	1.10	0.00	1.10	
Other Veg.	23.00	0.00	23.00	
Other Row Crop	3.90	0.00	3.90	
Sunflowers	0.00	0.00	0.00	
Wheat	458.90	0.00	458.90	*
Oats	4.60	0.00	4.60	
Rice	0.00	0.00	0.00	
Barley	12.30	0.00	12.30	
Flax	0.00	0.00	0.00	
Other Close Grown	8.10	0.00	8.10	
Summer fallow	2.90	0.00	2.90	
Other Cropland	144.00	0.00	144.00	*
Cool Season Hay	582.00	0.00	582.00	*
Warm Season Hay	25.70	0.00	25.70	*
Legume Hay	103.00	0.00	103.00	*
Non Legume Hay	709.60	2.40	712.00	*
All Hay	1420.30	2.40	0.00	
Total	5985.50	16.30	6001.80	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 16. Acreage data by crop for Louisiana

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	21.20	0.00	21.20	
Nuts	18.20	0.00	18.20	
Vineyard	0.00	0.00	0.00	
Bush fruit	0.00	0.00	0.00	
Berries	0.00	0.00	0.00	
Other Hort.	7.00	0.00	7.00	
Corn	31.40	0.60	32.00	
Sorghum	49.20	0.90	50.10	
Soybeans	3148.90	467.20	3616.10	*
Cotton	693.20	28.40	721.60	*
Peanuts	0.90	0.00	0.90	
Tobacco	0.00	0.00	0.00	
Sugarbeets	0.00	0.00	0.00	
Potatoes	9.30	0.00	9.30	
Other Veg.	28.90	1.30	30.20	
Other Row Crop	457.20	3.90	461.10	*
Sunflowers	0.00	0.00	0.00	
Wheat	45.60	0.90	46.50	
Oats	0.90	0.00	0.90	*
Rice	15.80	760.60	776.40	
Barley	0.70	0.00	0.70	
Flax	0.00	0.00	0.00	
Other Close Grown	51.20	0.00	51.20	*
Summer Fallow	85.40	1.60	87.00	*
Other Cropland	223.10	0.90	224.00	*
Cool Season Hay	14.00	0.00	14.00	
Warm Season Hay	169.80	3.10	172.90	*
Legume Hay	0.00	0.70	0.70	
Non Legume Hay	4.70	0.00	4.70	
All Hay	188.50	3.80	0.00	*
Total	5124.80	1288.90	6413.70	

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 17. Acreage data by crop for Maine

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	14.20	0.00	14.20	*
Nuts	0.00	0.00	0.00	
Vineyard	0.00	0.00	0.00	
Bush Fruit	19.30	1.10	20.40	*
Berries	1.60	3.30	4.90	
Other Hort.	0.00	0.00	0.00	
Corn	49.00	4.90	53.90	*
Sorghum	0.00	0.00	0.00	
Soybeans	0.00	0.00	0.00	
Cotton	0.00	0.00	0.00	
Peanuts	0.00	0.00	0.00	
Tobacco	0.00	0.00	0.00	
Sugarbeets	0.00	0.00	0.00	
Potatoes	197.60	1.10	198.70	*
Other Veg.	14.50	0.80	15.30	*
Other Row Crop	1.60	0.00	1.60	
Sunflowers	0.00	0.00	0.00	
Wheat	1.60	0.00	1.60	
Oats	136.30	0.00	136.30	*
Rice	0.00	0.00	0.00	
Barley	0.00	0.00	0.00	
Flax	0.00	0.00	0.00	
Other Close Grown	16.60	0.00	16.60	*
Summer Fallow	0.00	0.00	0.00	
Other Cropland	11.70	0.00	11.70	*
Cool Season Hay	317.30	0.00	317.30	*
Warm Season Hay	5.50	0.00	5.50	
Legume Hay	18.80	0.00	18.80	*
Non Legume Hay	132.10	0.00	132.10	*
All Hay	473.70	0.00	473.70	
Total	946.70	11.20	957.90	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 18. Acreage data by crop for Maryland

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	6.60	2.10	8.70	
Nuts	1.00	0.00	1.00	
Vineyard	2.20	0.00	2.20	
Bush Fruit	0.00	0.00	0.00	
Berries	1.00	0.80	1.80	
Other Hort.	4.00	1.30	5.30	
Corn	813.40	11.90	825.30	*
Sorghum	0.50	0.00	0.50	
Soybeans	389.60	7.40	397.00	*
Cotton	0.00	0.00	0.00	
Peanuts	0.00	0.00	0.00	
Tobacco	53.10	2.50	55.60	*
Sugarbeets	0.00	0.00	0.00	
Potatoes	2.60	0.80	3.40	
Other Veg.	10.00	11.90	21.90	*
Other Row Crop	2.80	2.50	5.30	
Sunflowers	0.00	0.00	0.00	
Wheat	99.40	1.70	101.10	*
Oats	7.90	0.00	7.90	
Rice	0.00	0.00	0.00	
Barley	52.60	1.30	53.90	*
Flax	0.00	0.00	0.00	
Other Close Crown	5.40	1.60	7.00	
Summer Fallow	2.10	0.00	2.10	
Other Cropland	25.40	0.00	25.40	*
Cool Season Hay	101.60	0.00	101.60	*
Warm Season Hay	10.40	0.00	10.40	
Legume Hay	55.10	0.00	55.10	*
Non Legume Hay	60.00	0.00	60.00	*
All Hay	227.10	0.00	0.00	
Total	1733.90	45.80	1779.70	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 19. Acreage data by crop for Massachusetts

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	14.60	1.60	16.20	*
Nuts	0.00	0.00	0.00	
Vineyard	0.00	0.00	0.00	
Bush fruit	0.00	0.00	0.00	
Berries	5.30	11.30	16.60	*
Other Hort.	1.00	0.60	1.60	
Corn	48.40	2.90	51.30	*
Sorghum	0.00	0.00	0.00	
Soybeans	0.00	0.00	0.00	
Cotton	0.00	0.00	0.00	
Peanuts	0.00	0.00	0.00	
Tobacco	4.70	0.00	4.70	*
Sugarbeets	0.00	0.00	0.00	
Potatoes	1.20	0.00	1.20	
Other Veg.	4.30	0.00	4.30	*
Other Row Crop	7.10	0.00	7.10	*
Sunflowers	0.00	0.00	0.00	
Wheat	0.00	0.00	0.00	
Oats	1.20	0.00	1.20	
Rice	0.00	0.00	0.00	
Barley	0.00	0.00	0.00	
Flax	0.00	0.00	0.00	
Other Close Grown	0.00	0.00	0.00	
Summer Fallow	0.00	0.00	0.00	
Other Cropland	8.50	0.00	8.50	*
Cool Season Hay	94.70	0.50	95.20	*
Warm Season Hay	12.60	0.00	12.60	*
Legume Hay	9.20	0.00	9.20	*
Non Legume Hay	57.50	0.00	57.50	*
All Hay	174.00	0.50	0.00	
Total	271.50	16.90	288.40	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 20. Acreage data by crop for Michigan

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	169.50	35.50	205.00	*
Nuts	0.00	0.00	0.00	
Vineyard	13.60	0.50	14.10	
Bush Fruit	15.20	4.90	20.10	
Berries	6.30	7.30	13.60	
Other Hort.	17.00	2.20	19.20	
Corn	3258.80	177.40	3436.20	*
Sorghum	10.20	0.00	10.20	
Soybeans	1055.00	32.60	1087.60	*
Cotton	0.00	0.00	0.00	
Peanuts	0.00	0.00	0.00	
Tobacco	0.00	0.00	0.00	
Sugarbeets	113.20	1.20	114.40	*
Potatoes	21.40	28.00	49.40	
Other Veg.	39.80	28.60	68.40	
Other Row Crop	537.60	17.90	555.50	*
Sunflowers	0.50	0.00	0.50	
Wheat	888.50	20.00	908.50	*
Oats	287.10	1.90	289.00	*
Rice	0.50	0.00	0.50	
Barley	15.50	0.00	15.50	
Flax	0.00	0.00	0.00	
Other Close Grown	69.20	8.90	78.10	
Summer Fallow	102.90	2.00	104.90	*
Other Cropland	481.60	1.10	482.70	*
Cool Season Hay	468.60	0.40	469.00	*
Warm Season Hay	4.10	0.00	4.10	
Legume Hay	498.60	4.20	502.80	*
Non Legume Hay	865.00	9.60	874.60	*
All Hay	1836.30	14.20	0.00	
Total	9063.50	384.20	9447.70	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 21. Acreage data by crop for Minnesota

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	4.40	0.00	4.40	
Nuts	0.00	0.00	0.00	
Vineyard	0.00	0.00	0.00	
Bush Fruit	0.00	0.00	0.00	
Berries	0.00	0.00	0.00	
Other Hort.	15.60	4.00	19.60	
Corn	7434.20	246.90	7681.10	*
Sorghum	41.00	0.00	41.00	
Soybeans	4558.30	54.20	4612.50	*
Cotton	0.00	0.00	0.00	
Peanuts	0.00	0.00	0.00	
Tobacco	0.00	0.00	0.00	
Sugarbeets	256.70	0.00	256.70	*
Potatoes	51.80	25.40	77.20	
Other Veg.	71.80	8.10	79.90	
Other Row Crop	118.50	7.60	126.10	
Sunflowers	711.60	2.30	713.90	*
Wheat	3730.20	22.80	3753.00	*
Oats	1198.80	4.80	1203.60	*
Rice	4.30	0.00	4.30	
Barley	781.40	0.00	781.40	*
Flax	61.30	0.00	61.30	
Other Close Grown	149.60	1.80	151.40	
Summer Fallow	196.90	0.00	196.90	
Other Cropland	99.50	0.00	99.50	
Cool Season Hay	685.60	1.40	687.00	*
Warm Season Hay	26.00	0.00	26.00	
Legume Hay	1089.90	10.80	1100.70	*
Non Legume Hay	1183.00	10.00	1193.00	*
All Hay	2984.50	22.20	0.00	
Total	22594.60	400.10	22994.70	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 22. Acreage data by crop for Mississippi

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	0.00	0.00	0.00	
Nuts	32.60	0.00	32.60	
Vineyard	5.50	0.00	5.50	
Bush Fruit	0.00	0.00	0.00	
Berries	0.00	0.00	0.00	
Other Hort.	10.20	0.00	10.20	
Corn	227.70	0.00	227.70	*
Sorghum	62.30	0.00	62.30	
Soybeans	4166.80	207.10	4373.90	*
Cotton	1271.50	44.00	1315.50	*
Peanuts	0.00	0.00	0.00	
Tobacco	0.00	0.00	0.00	
Sugarbeets	0.00	0.00	0.00	
Potatoes	7.70	0.00	7.70	
Other Veg.	55.00	0.00	55.00	
Other Row Crop	15.60	0.00	15.60	
Sunflowers	0.00	0.00	0.00	
Wheat	235.00	32.40	267.40	*
Oats	16.70	0.00	16.70	
Rice	10.40	294.60	305.00	*
Barley	0.00	0.00	0.00	
Flax	0.00	0.00	0.00	
Other Close Grown	10.30	0.00	10.30	
Summer Fallow	26.60	0.00	26.60	
Other Cropland	331.60	0.00	331.60	*
Cool Season Hay	16.90	0.00	16.90	
Warm Season Hay	139.30	0.00	139.30	*
Legume Hay	6.90	0.00	6.90	
Non Legume Hay	17.30	0.00	17.30	
All Hay	180.40	0.00	0.00	
Total	6774.30	578.10	7352.40	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 23. Acreage data by crop for Missouri

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	10.90	1.30	12.20	
Nuts	6.00	0.00	6.00	
Vineyard	0.00	0.40	0.40	
Bush Fruit	0.00	0.00	0.00	
Berries	0.00	0.00	0.00	
Other Hort.	5.50	1.90	7.40	
Corn	2507.80	127.20	2635.00	*
Sorghum	860.00	99.70	959.70	*
Soybeans	5294.60	247.40	5542.00	*
Cotton	184.50	40.10	224.60	*
Peanuts	0.00	0.00	0.00	
Tobacco	3.80	0.00	3.80	
Sugarbeets	0.00	0.00	0.00	
Potatoes	1.70	0.00	1.70	
Other Veg.	8.60	1.70	10.30	
Other Row Crop	5.00	1.40	6.40	
Sunflowers	0.40	0.00	0.40	
Wheat	2587.60	110.10	2697.70	*
Oats	79.30	0.00	79.30	
Rice	3.40	84.30	87.70	
Barley	13.00	0.00	13.00	
Flax	0.00	0.00	0.00	
Other Close Grown	27.40	0.00	27.40	
Summer Fallow	18.50	1.50	20.00	
Other Cropland	275.20	0.00	275.20	*
Cool Season Hay	1056.70	0.00	1056.70	*
Warm Season Hay	79.10	0.00	79.10	
Legume Hay	268.70	10.10	278.80	*
Non Legume Hay	720.00	0.00	720.00	*
All Hay	2124.50	10.10	0.00	
Total	14296.10	727.10	15023.20	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 24. Acreage data by crop for Montana

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	0.00	1.70	1.70	
Nuts	0.00	0.00	0.00	
Vineyard	0.00	0.00	0.00	
Bush Fruit	0.00	0.00	0.00	
Berries	0.00	0.00	0.00	
Other Hort.	0.00	0.00	0.00	
Corn	5.20	93.20	98.40	
Sorghum	0.00	5.70	5.70	
Soybeans	0.00	0.00	0.00	
Cotton	0.00	0.00	0.00	
Peanuts	0.00	0.00	0.00	
Tobacco	0.00	0.00	0.00	
Sugarbeets	0.00	47.20	47.20	
Potatoes	0.00	11.40	11.40	
Other Veg.	0.00	3.20	3.20	
Other Row Crop	19.00	6.90	25.90	
Sunflowers	14.30	0.00	14.30	*
Wheat	6438.80	209.10	6647.90	
Oats	102.30	39.10	141.40	
Rice	0.00	0.00	0.00	
Rice	0.00	0.00	0.00	*
Barley	829.80	281.60	1111.40	
Flax	0.00	0.00	0.00	
Other Close Grown	64.50	3.80	68.30	
Summer Fallow	5258.60	13.80	5272.40	*
Other Cropland	78.90	0.00	78.90	
Cool Season Hay	467.20	389.10	856.30	*
Warm Season Hay	40.90	3.40	44.30	
Legume Hay	110.70	242.70	353.40	*
Non Legume Hay	757.00	670.20	1427.20	*
All Hay	1375.80	1305.40	0.00	
Total	14300.20	2047.50	16347.70	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 25. Acreage data by crop for Nebraska

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	2.70	0.00	2.70	
Nuts	0.00	0.00	0.00	
Vineyard	0.00	0.00	0.00	
Bush Fruit	0.00	0.00	0.00	
Berries	0.00	0.00	0.00	
Other Hort.	0.00	0.00	0.00	
Corn	2962.80	5290.10	8252.90	*
Sorghum	1830.50	286.30	2116.80	*
Soybeans	1401.80	403.60	1805.40	*
Cotton	0.00	0.00	0.00	
Peanuts	0.00	0.00	0.00	
Tobacco	0.00	0.00	0.00	
Sugarbeets	0.00	65.40	65.40	
Potatoes	0.00	6.50	6.50	
Other Veg.	1.60	9.40	11.00	
Other Row Crop	16.00	267.40	283.40	*
Sunflowers	0.00	0.00	0.00	
Wheat	2806.40	167.90	2974.30	*
Oats	334.70	9.40	344.10	*
Rice	0.00	0.00	0.00	
Barley	3.80	0.00	3.80	
Flax	0.00	0.00	0.00	
Other Close Grown	111.90	18.00	129.90	
Summer Fallow	1746.90	24.00	1770.90	*
Other Cropland	77.80	17.00	94.80	
Cool Season Hay	114.50	6.70	121.20	
Warm Season Hay	171.90	9.30	181.20	
Legume Hay	1113.50	438.60	1552.10	*
Non Legume Hay	166.80	17.20	184.00	
All Hay	1566.70	471.80	0.00	
Total	12945.80	7036.80	19982.60	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 26. Acreage data by crop for Nevada

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	0.00	0.60	0.60	
Nuts	0.00	0.00	0.00	
Vineyard	0.00	0.00	0.00	
Bush Fruit	0.00	0.00	0.00	
Berries	0.00	0.00	0.00	
Other Hort.	0.00	0.00	0.00	
Corn	0.00	2.10	2.10	
Sorghum	0.00	0.10	0.10	
Soybeans	0.00	0.00	0.00	
Cotton	0.00	3.30	3.30	
Peanuts	0.00	0.00	0.00	
Tobacco	0.00	0.00	0.00	
Sugarbeets	0.00	0.00	0.00	
Potatoes	0.00	7.20	7.20	
Other Veg.	0.00	1.70	1.70	
Other Row Crop	0.00	0.70	0.70	
Sunflowers	0.00	0.00	0.00	
Wheat	0.00	47.50	47.50	*
Oats	0.00	7.40	7.40	
Rice	0.00	0.00	0.00	
Barley	0.00	32.20	32.20	*
Flax	0.00	0.00	0.00	
Other Close Grown	0.00	18.10	18.10	*
Summer Fallow	0.00	0.00	0.00	
Other Cropland	70.00	24.00	94.00	*
Cool Season Hay	0.00	211.60	211.60	*
Warm Season Hay	0.00	6.40	6.40	
Legume Hay	0.00	295.70	295.70	*
Non Legume Hay	0.00	80.90	80.90	*
All Hay	0.00	594.60	0.00	*
Total	70.00	743.90	813.90	

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 27. Acreage data by crop for New Hampshire

Crop Name	Dryland	Irrigated	Total	Crop Select
		1000 Acres		
Fruit	8.10	0.00	8.10	*
Nuts	0.00	0.00	0.00	
Vineyard	0.80	0.00	0.80	
Bush Fruit	0.00	0.00	0.00	
Berries	1.30	0.00	1.30	
Other Hort.	0.00	0.00	0.00	
Corn	30.10	0.00	30.10	*
Sorghum	0.50	0.00	0.50	
Soybeans	0.00	0.00	0.00	
Cotton	0.00	0.00	0.00	
Peanuts	0.00	0.00	0.00	
Tobacco	0.00	0.00	0.00	
Sugarbeets	0.00	0.00	0.00	
Potatoes	0.00	0.00	0.00	
Other Veg.	1.00	0.00	1.00	
Other Row Crop	0.00	0.00	0.00	
Sunflowers	0.00	0.00	0.00	
Wheat	0.00	0.00	0.00	
Oats	0.00	0.00	0.00	
Rice	0.00	0.00	0.00	
Barley	0.00	0.00	0.00	
Flax	0.00	0.00	0.00	
Other Close Grown	0.00	2.90	2.90	*
Summer Fallow	0.00	0.00	0.00	
Other Cropland	0.00	0.00	0.00	
Cool Season Hay	83.10	0.00	83.10	*
Warm Season Hay	0.00	0.00	0.00	
Legume Hay	1.00	0.00	1.00	*
Non Legume Hay	28.40	0.00	28.40	*
All Hay	112.50	0.00	0.00	
Total	155.50	2.90	158.40	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 28. Acreage data by crop for New Jersey

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	21.10	9.40	30.50	*
Nuts	0.00	0.00	0.00	
Vineyard	1.60	0.00	1.60	
Bush Fruit	7.00	0.50	7.50	
Berries	0.90	15.40	16.30	*
Other Hort.	1.00	1.10	2.10	
Corn	170.40	21.90	192.30	*
Sorghum	2.10	0.00	2.10	
Soybeans	221.70	8.10	229.80	*
Cotton	0.00	0.00	0.00	
Peanuts	0.00	0.00	0.00	
Tobacco	0.00	0.00	0.00	
Sugarbeets	0.00	0.00	0.00	
Potatoes	0.00	5.10	5.10	
Other Veg.	19.30	43.40	62.70	*
Other Row Crop	0.60	4.30	4.90	
Sunflowers	0.00	0.00	0.00	
Wheat	22.90	1.10	24.00	*
Oats	0.70	0.00	0.70	
Rice	0.00	0.00	0.00	
Barley	0.00	0.00	0.00	
Flax	0.00	0.00	0.00	
Other Close Grown	4.70	0.80	5.50	
Summer Fallow	9.90	0.90	10.80	*
Other Cropland	78.80	0.90	79.70	*
Cool Season Hay	61.00	0.00	61.00	*
Warm Season Hay	3.50	0.00	3.50	*
Legume Hay	28.40	0.00	28.40	*
Non Legume Hay	20.90	0.00	20.90	*
All Hay	113.80	0.00	0.00	*
Total	679.70	112.90	792.60	

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 29. Acreage data by crop for New Mexico

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	0.00	43.50	43.50	*
Nuts	0.00	31.60	31.60	*
Vineyard	0.00	0.10	0.10	
Bush Fruit	0.00	0.00	0.00	
Berries	0.00	0.00	0.00	
Other Hort.	2.50	0.60	3.10	
Corn	0.50	91.80	92.30	*
Sorghum	265.20	167.70	432.90	*
Soybeans	0.00	0.00	0.00	*
Cotton	16.80	135.70	152.50	
Peanuts	0.00	13.20	13.20	
Tobacco	0.00	0.00	0.00	
Sugarbeets	0.00	0.00	0.00	
Potatoes	0.00	0.00	0.00	
Other Veg.	0.00	49.30	49.30	*
Other Row Crop	5.80	11.50	17.30	
Sunflowers	0.00	0.00	0.00	
Wheat	543.50	216.50	760.00	*
Oats	0.40	22.70	23.10	*
Rice	0.00	0.00	0.00	
Barley	0.00	12.30	12.30	
Flax	0.00	0.00	0.00	
Other Close Grown	4.70	21.30	26.00	*
Summer Fallow	26.70	29.10	55.80	*
Other Cropland	69.50	79.60	149.10	*
Cool Season Hay	10.40	35.00	45.40	*
Warm Season Hay	0.00	4.20	4.20	
Legume Hay	9.00	254.00	263.00	*
Non Legume Hay	2.50	27.60	30.10	*
All Hay	21.90	320.80	0.00	
Total	957.50	1249.30	2206.80	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 30. Acreage data by crop for New York

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	183.80	1.10	184.90	*
Nuts	0.00	0.00	0.00	
Vineyard	64.30	0.00	64.30	*
Bush Fruit	0.00	0.00	0.00	
Berries	8.60	2.90	11.50	
Other Hort.	14.20	11.70	25.90	
Corn	1767.50	5.20	1772.70	*
Sorghum	13.90	0.00	13.90	
Soybeans	20.10	0.00	20.10	
Cotton	0.00	0.00	0.00	
Peanuts	2.60	0.00	2.60	
Tobacco	0.00	0.00	0.00	
Sugarbeets	0.00	0.00	0.00	
Potatoes	32.20	19.10	51.30	
Other Veg.	99.50	19.40	118.90	*
Other Row Crop	55.90	0.00	55.90	
Sunflowers	0.70	0.00	0.70	
Wheat	162.00	1.60	163.60	*
Oats	207.50	0.00	207.50	
Rice	0.00	0.00	0.00	
Barley	6.80	0.00	6.80	
Flax	0.00	0.00	0.00	
Other Close Grown	24.40	0.00	24.40	
Summer Fallow	9.00	0.00	9.00	*
Other Cropland	164.10	0.00	164.10	*
Cool Season Hay	1318.50	0.00	1318.50	
Warm Season Hay	25.40	0.00	25.40	*
Legume Hay	280.80	1.60	282.40	*
Non Legume Hay	1311.70	0.00	1311.70	*
All Hay	2936.40	1.60	0.00	*
Total	5833.10	62.60	5895.70	

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 31. Acreage data by crop for North Carolina

Crop Name	Dryland	Irrigated	Total	Crop Select
	----- 1000 Acres -----			
Fruit	34.20	2.30	36.50	
Nuts	3.40	0.00	3.40	
Vineyard	10.00	0.00	10.00	
Bush Fruit	0.00	0.00	0.00	
Berries	0.00	0.00	0.00	
Other Hort.	12.20	3.20	15.40	
Corn	1957.00	45.80	2002.80	*
Sorghum	78.10	2.80	80.90	*
Soybeans	1951.80	61.20	2013.00	*
Cotton	59.60	5.20	64.80	
Peanuts	184.20	10.20	194.40	*
Tobacco	449.00	96.30	545.30	*
Sugarbeets	0.00	0.00	0.00	
Potatoes	28.10	0.00	28.10	
Other Veg.	112.80	2.40	115.20	*
Other Row Crop	18.10	0.00	18.10	
Sunflowers	0.00	0.00	0.00	
Wheat	564.40	28.90	593.30	*
Oats	17.50	4.60	22.10	
Rice	0.00	0.00	0.00	
Barley	28.10	0.00	28.10	
Flax	0.00	0.00	0.00	
Other Close Grown	38.80	10.80	49.60	
Summer Fallow	30.30	0.00	30.30	
Other Cropland	451.00	0.00	451.00	*
Cool Season Hay	213.20	0.00	213.20	*
Warm Season Hay	61.20	0.00	61.20	
Legume Hay	11.20	0.00	11.20	
Non Legume Hay	20.40	0.00	20.40	
All Hay	306.00	0.00	306.00	
Total	6461.00	273.70	6734.70	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 32. Acreage data by crop for North Dakota

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	0.00	0.00	0.00	
Nuts	0.00	0.00	0.00	
Vineyard	0.00	0.00	0.00	
Bush Fruit	0.00	0.00	0.00	
Berries	0.00	0.00	0.00	
Other Hort.	0.00	0.00	0.00	
Corn	731.10	74.40	805.50	*
Sorghum	37.60	0.00	37.60	
Soybeans	240.80	3.60	244.40	
Cotton	0.00	0.00	0.00	
Peanuts	0.00	0.00	0.00	
Tobacco	0.00	0.00	0.00	
Sugarbeets	161.90	14.20	176.10	
Potatoes	144.60	0.00	144.60	
Other Veg.	27.80	0.00	27.80	
Other Row Crop	329.60	8.50	338.10	*
Sunflowers	2350.40	19.30	2369.70	*
Wheat	12034.00	11.20	12045.20	*
Oats	849.10	0.00	849.10	*
Rice	2.80	0.00	2.80	
Barley	1574.50	9.80	1584.30	*
Flax	296.60	0.00	296.60	*
Other Close Grown	223.20	6.90	230.10	
Summer Fallow	5361.00	0.00	5361.00	*
Other Cropland	42.40	0.00	42.40	
Cool Season Hay	609.50	2.30	611.80	*
Warm Season Hay	86.80	0.00	86.80	*
Legume Hay	670.80	48.00	718.80	*
Non Legume Hay	888.20	6.50	894.70	*
All Hay	2255.30	56.80	0.00	*
Total	26712.10	204.70	26916.80	

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 33. Acreage data by crop for Ohio

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	27.60	0.90	28.50	
Nuts	2.40	0.00	2.40	
Vineyard	4.00	0.00	4.00	
Bush Fruit	0.00	0.00	0.00	
Berries	2.60	2.50	5.10	
Other Hort.	24.80	3.70	28.50	
Corn	4683.80	4.30	4688.10	*
Sorghum	9.80	0.00	9.80	
Soybeans	3640.40	1.50	3641.90	*
Cotton	0.00	0.00	0.00	
Peanuts	0.00	0.00	0.00	
Tobacco	13.20	0.00	13.20	
Sugarbeets	13.30	0.00	13.30	
Potatoes	3.50	1.30	4.80	
Other Veg.	31.40	6.10	37.50	
Other Row Crop	4.50	0.00	4.50	
Sunflowers	2.40	0.00	2.40	
Wheat	1662.30	7.70	1670.00	*
Oats	99.60	0.00	99.60	
Rice	0.00	0.00	0.00	
Barley	0.00	0.00	0.00	
Flax	0.00	0.00	0.00	
Other Close Grown	42.40	2.10	44.50	
Summer Fallow	12.50	0.00	12.50	
Other Cropland	434.40	0.00	434.40	*
Cool Season Hay	587.90	0.00	587.90	*
Warm Season Hay	13.60	0.00	13.60	
Legume Hay	171.70	0.00	171.70	*
Non Legume Hay	806.00	2.00	808.00	*
All Hay	1579.20	2.00	0.00	
Total	12359.50	32.10	12391.60	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 34. Acreage data by crop for Oklahoma

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	11.80	2.20	14.00	
Nuts	21.10	2.40	23.50	
Vineyard	0.00	0.00	0.00	
Bush Fruit	0.00	0.00	0.00	
Berries	0.00	0.00	0.00	
Other Hort.	5.80	2.70	8.50	
Corn	47.30	34.60	81.90	
Sorghum	630.20	160.80	791.00	*
Soybeans	215.20	10.30	225.50	*
Cotton	463.20	78.70	541.90	*
Peanuts	62.40	56.90	119.30	*
Tobacco	0.00	0.00	0.00	
Sugarbeets	0.00	0.00	0.00	
Potatoes	0.00	0.00	0.00	
Other Veg.	3.90	1.20	5.10	
Other Row Crop	9.80	0.00	9.80	
Sunflowers	0.00	0.00	0.00	
Wheat	7919.30	285.40	8204.70	*
Oats	113.30	7.70	121.00	*
Rice	0.00	0.00	0.00	
Barley	12.60	6.70	19.30	
Flax	0.00	0.00	0.00	
Other Close Grown	161.00	6.30	167.30	*
Summer Fallow	290.80	20.80	311.60	*
Other Cropland	108.20	6.70	114.90	*
Cool Season Hay	12.30	0.00	12.30	
Warm Season Hay	148.30	0.00	148.30	*
Legume Hay	269.00	57.20	326.20	*
Non Legume Hay	32.00	0.00	32.00	
All Hay	461.60	57.20	0.00	
Total	10673.10	740.60	11413.70	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 35. Acreage data by crop for Oregon

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	28.10	41.10	69.20	*
Nuts	22.20	0.90	23.10	
Vineyard	1.20	0.00	1.20	
Bush fruit	0.00	0.90	0.90	
Berries	3.10	20.60	23.70	
Other Hort.	43.40	20.30	63.70	*
Corn	2.20	71.90	74.10	*
Sorghum	0.00	0.00	0.00	
Soybeans	0.00	0.00	0.00	
Cotton	0.00	0.00	0.00	
Peanuts	0.00	0.00	0.00	
Tobacco	0.00	0.00	0.00	
Sugarbeets	0.70	5.30	6.00	
Potatoes	1.70	47.80	49.50	*
Other Veg.	6.80	37.60	44.40	*
Other Row Crop	0.70	29.60	30.30	
Sunflowers	0.00	0.00	0.00	
Wheat	1257.40	358.10	1615.50	*
Oats	45.10	13.80	58.90	*
Rice	0.00	0.00	0.00	
Barley	96.10	67.30	163.40	*
Flax	0.00	0.00	0.00	
Other Close Grown	314.60	96.50	411.10	*
Summer Fallow	690.90	30.00	720.90	*
Other Cropland	94.90	0.00	94.90	*
Cool Season Hay	75.60	268.40	344.00	*
Warm Season Hay	1.80	8.60	10.40	
Legume Hay	20.50	283.60	304.10	*
Non Legume Hay	44.60	116.90	161.50	*
All Hay	142.50	677.50	820.00	
Total	2778.20	1546.20	4324.40	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 36. Acreage data by crop for Pennsylvania

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	96.50	3.00	99.50	*
Nuts	0.00	0.00	0.00	
Vineyard	15.70	1.00	16.70	
Bush Fruit	0.00	0.00	0.00	
Berries	1.70	0.70	2.40	
Other Hort.	31.20	2.00	33.20	
Corn	2092.50	0.70	2093.20	*
Sorghum	4.80	0.00	4.80	*
Soybeans	107.20	0.00	107.20	*
Cotton	2.00	0.00	2.00	
Peanuts	0.00	0.00	0.00	
Tobacco	9.00	0.00	9.00	
Sugarbeets	0.00	0.00	0.00	
Potatoes	12.80	0.00	12.80	
Other Veg.	18.50	1.50	20.00	
Other Row Crop	4.90	0.00	4.90	
Sunflowers	0.00	0.00	0.00	*
Wheat	309.20	0.30	309.50	*
Oats	206.70	0.00	206.70	*
Rice	0.00	0.00	0.00	
Barley	39.40	0.00	39.40	
Flax	0.00	0.00	0.00	
Other Close Grown	17.80	0.00	17.80	
Summer Fallow	0.90	0.00	0.90	*
Other Cropland	283.00	0.00	283.00	*
Cool Season Hay	1127.30	0.50	1127.80	*
Warm Season Hay	14.30	0.00	14.30	*
Legume Hay	183.10	0.00	183.10	*
Non Legume Hay	1228.70	0.00	1228.70	*
All Hay	2553.40	0.50	0.00	*
Total	5826.00	9.70	5835.70	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 37. Acreage data by crop for Rhode Island

Crop Name	1000 Acres		Total	Crop Select
	Dryland	Irrigated		
Fruit	1.40	0.00	1.40	*
Nuts	0.00	0.00	0.00	
Vineyard	0.00	0.00	0.00	
Bush Fruit	0.00	0.00	0.00	
Berries	0.00	0.00	0.00	
Other Hort.	1.00	2.90	3.90	*
Corn	3.80	0.00	3.80	*
Sorghum	0.00	0.00	0.00	
Soybeans	0.00	0.00	0.00	
Cotton	0.00	0.00	0.00	
Peanuts	0.00	0.00	0.00	
Tobacco	0.00	0.00	0.00	
Sugarbeets	0.00	0.00	0.00	
Potatoes	2.10	0.00	2.10	*
Other Veg.	1.20	0.00	1.20	*
Other Row Crop	0.00	0.00	0.00	
Sunflowers	0.00	0.00	0.00	
Wheat	0.00	0.00	0.00	
Oats	0.00	0.00	0.00	
Rice	0.00	0.00	0.00	
Barley	0.30	0.00	0.30	*
Flax	0.00	0.00	0.00	
Other Close Grown	0.50	0.00	0.50	*
Summer Fallow	0.00	0.00	0.00	
Other Cropland	0.20	0.00	0.20	
Cool Season Hay	8.30	0.90	9.20	*
Warm Season Hay	0.20	0.00	0.20	
Legume Hay	0.50	0.00	0.50	*
Non Legume Hay	3.60	0.00	3.60	*
All Hay	12.60	0.90	0.00	
Total	23.70	3.80	27.50	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 38. Acreage data by crop for South Carolina

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	37.40	20.60	58.00	*
Nuts	12.00	0.00	12.00	
Vineyard	0.50	0.00	0.50	
Bush Fruit	0.00	0.00	0.00	
Berries	0.00	0.50	0.50	
Other Hort.	4.00	1.20	5.20	
Corn	727.30	27.90	755.20	*
Sorghum	23.60	0.00	23.60	
Soybeans	1391.60	13.80	1405.40	*
Cotton	109.30	0.80	110.10	*
Peanuts	15.80	0.00	15.80	
Tobacco	98.00	3.00	101.00	*
Sugarbeets	0.00	0.00	0.00	
Potatoes	3.50	0.00	3.50	
Other Veg.	36.50	3.00	39.50	*
Other Row Crop	7.40	0.00	7.40	
Sunflowers	2.30	0.40	2.70	
Wheat	482.10	14.40	496.50	*
Oats	32.70	0.40	33.10	
Rice	0.00	0.00	0.00	
Barley	13.50	0.00	13.50	
Flax	0.00	0.00	0.00	
Other Close Grown	40.90	3.90	44.80	*
Summer Fallow	0.00	0.00	0.00	
Other Cropland	299.50	0.00	299.50	*
Cool Season Hay	25.90	0.00	25.90	
Warm Season Hay	80.90	0.00	80.90	*
Legume Hay	8.30	1.10	9.40	
Non Legume Hay	3.90	0.00	3.90	
All Hay	119.00	1.10	0.00	*
Total	3496.50	91.00	3587.50	

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 39. Acreage data by crop for South Dakota

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	5.80	0.00	5.80	
Nuts	0.00	0.00	0.00	
Vineyard	0.00	0.00	0.00	
Bush fruit	0.00	0.00	0.00	
Berries	0.00	0.00	0.00	
Other Hort.	0.00	0.00	0.00	
Corn	3302.80	218.80	3521.60	*
Sorghum	784.80	17.70	802.50	*
Soybeans	678.50	42.00	720.50	*
Cotton	2.50	0.00	2.50	
Peanuts	0.00	0.00	0.00	
Tobacco	1.60	0.00	1.60	
Sugarbeets	0.00	0.00	0.00	
Potatoes	5.10	0.00	5.10	
Other Veg.	0.00	0.00	0.00	
Other Row Crop	82.50	0.00	82.50	
Sunflowers	385.00	0.00	385.00	*
Wheat	4128.40	40.30	4168.70	*
Oats	2017.20	13.30	2030.50	*
Rice	2.40	0.00	2.40	
Barley	578.30	7.90	586.20	*
Flax	118.10	0.00	118.10	
Other Close Grown	304.30	0.00	304.30	*
Summer Fallow	1385.60	2.00	1387.60	*
Other Cropland	63.70	0.00	63.70	
Cool Season Hay	291.00	0.00	291.00	*
Warm Season Hay	25.10	0.00	25.10	
Legume Hay	1166.30	47.60	1213.90	*
Non Legume Hay	840.20	24.70	864.90	*
All Hay	2322.60	72.30	0.00	
Total	16301.00	425.90	16726.90	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 40. Acreage data by crop for Tennessee

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	11.70	0.00	11.70	
Nuts	0.80	0.00	0.80	
Vineyard	1.60	0.00	1.60	
Bush Fruit	0.00	0.00	0.00	
Berries	2.90	0.00	2.90	
Other Hort.	35.10	5.30	40.40	
Corn	872.40	0.00	872.40	*
Sorghum	93.50	0.00	93.50	*
Soybeans	2470.70	2.80	2473.50	*
Cotton	300.40	1.10	301.50	*
Peanuts	0.40	0.00	0.40	
Tobacco	87.90	0.00	87.90	*
Sugarbeets	0.00	0.00	0.00	
Potatoes	3.80	0.00	3.80	
Other Veg.	32.60	4.10	36.70	
Other Row Crop	3.00	0.00	3.00	
Sunflowers	0.00	0.00	0.00	
Wheat	493.30	5.00	498.30	*
Oats	15.60	0.00	15.60	
Rice	0.80	0.00	0.80	
Barley	4.70	0.00	4.70	
Flax	0.00	0.00	0.00	
Other Close Grown	15.40	0.00	15.40	
Summer Fallow	8.00	0.00	8.00	
Other Cropland	192.40	0.00	192.40	*
Cool Season Hay	347.40	0.00	347.40	*
Warm Season Hay	80.40	0.00	80.40	*
Legume Hay	77.50	0.00	77.50	*
Non Legume Hay	340.50	0.00	340.50	*
All Hay	845.80	0.00	0.00	*
Total	5606.80	18.30	5625.10	

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 41. Acreage data by crop for Texas

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	18.30	71.50	89.80	
Nuts	68.60	32.70	101.30	
Vineyard	0.00	1.40	1.40	
Bush Fruit	0.00	0.00	0.00	
Berries	0.00	0.00	0.00	
Other Hort.	23.00	13.40	36.40	
Corn	409.20	847.80	1257.00	*
Sorghum	4488.20	1300.70	5788.90	*
Soybeans	315.80	270.10	585.90	*
Cotton	6351.90	3304.00	9655.90	*
Peanuts	214.10	132.40	346.50	*
Tobacco	0.00	0.00	0.00	
Sugarbeets	0.00	6.40	6.40	
Potatoes	20.10	13.00	33.10	
Other Veg.	64.50	132.80	197.30	
Other Row Crop	47.90	78.80	126.70	
Sunflowers	7.40	17.40	24.80	
Wheat	7295.60	1821.50	9117.10	*
Oats	1060.80	48.60	1109.40	*
Rice	5.60	1046.50	1052.10	*
Barley	28.00	85.50	113.50	
Flax	1.70	0.00	1.70	
Other Close Grown	1013.60	53.40	1067.00	*
Summer Fallow	285.50	247.60	533.10	*
Other Cropland	1033.40	41.10	1074.50	*
Cool Season Hay	4.10	0.00	4.10	
Warm Season Hay	486.60	42.90	529.50	*
Legume Hay	30.00	120.50	150.50	
Non Legume Hay	12.30	2.30	14.60	
All Hay	533.00	165.70	0.00	
Total	23655.40	9760.90	33416.30	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 42. Acreage data by crop for Utah

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	0.30	17.90	18.20	
Nuts	0.00	0.00	0.00	
Vineyard	0.00	0.00	0.00	
Bush Fruit	0.00	0.00	0.00	
Berries	0.00	0.00	0.00	
Other Hort.	0.00	0.00	0.00	
Corn	0.00	105.90	105.90	*
Sorghum	0.00	0.40	0.40	
Soybeans	0.00	0.00	0.00	
Cotton	0.00	0.00	0.00	
Peanuts	0.00	0.00	0.00	
Tobacco	0.00	0.00	0.00	
Sugarbeets	0.00	1.50	1.50	
Potatoes	0.00	2.10	2.10	
Other Veg.	0.00	4.50	4.50	
Other Row Crop	1.10	0.90	2.00	
Sunflowers	0.00	0.00	0.00	
Wheat	312.10	192.30	504.40	*
Oats	0.50	20.30	20.80	*
Rice	0.00	0.00	0.00	
Barley	4.90	146.30	151.20	*
Flax	0.00	0.00	0.00	
Other Close Grown	1.30	5.40	6.70	
Summer Fallow	248.30	6.20	254.50	*
Other Cropland	80.70	8.60	89.30	*
Cool Season Hay	14.00	126.40	140.40	*
Warm Season Hay	0.00	3.20	3.20	
Legume Hay	40.90	475.20	516.10	*
Non Legume Hay	6.00	169.00	175.00	*
All Hay	60.90	773.80	0.00	
Total	710.10	1292.90	2003.00	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 43. Acreage data by crop for Vermont

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	6.90	1.00	7.90	*
Nuts	0.00	0.00	0.00	
Vineyard	0.00	0.00	0.00	
Bush Fruit	0.00	0.00	0.00	
Berries	0.00	0.00	0.00	
Other Hort.	0.00	0.00	0.00	
Corn	104.90	0.00	104.90	*
Sorghum	0.00	0.00	0.00	
Soybeans	0.00	0.00	0.00	
Cotton	0.00	0.00	0.00	
Peanuts	0.00	0.00	0.00	
Tobacco	0.00	0.00	0.00	
Sugarbeets	0.00	0.00	0.00	
Potatoes	2.10	0.00	2.10	
Other Veg.	2.60	0.40	3.00	
Other Row Crop	0.00	0.00	0.00	
Sunflowers	0.00	0.00	0.00	
Wheat	0.60	0.00	0.60	
Oats	1.90	0.00	1.90	
Rice	0.00	0.00	0.00	
Barley	0.30	0.00	0.30	
Flax	0.00	0.00	0.00	
Other Close Grown	1.60	0.00	1.60	
Summer Fallow	0.00	0.00	0.00	
Other Cropland	1.10	0.00	1.10	
Cool Season Hay	273.10	0.00	273.10	*
Warm Season Hay	0.00	0.00	0.00	
Legume Hay	29.00	0.00	29.00	*
Non Legume Hay	219.70	0.00	219.70	*
All Hay	521.80	0.00	521.80	*
Total	644.60	1.40	646.00	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 44. Acreage data by crop for Virginia

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	51.10	0.00	51.10	*
Nuts	0.00	0.00	0.00	
Vineyard	0.00	0.00	0.00	
Bush Fruit	0.00	0.00	0.00	
Berries	0.00	1.80	1.80	
Other Hort.	11.20	0.90	12.10	
Corn	851.30	25.90	877.20	*
Sorghum	13.50	0.00	13.50	
Soybeans	581.20	14.90	596.10	*
Cotton	0.50	0.00	0.50	
Peanuts	91.70	4.10	95.80	*
Tobacco	61.00	32.10	93.10	*
Sugarbeets	0.00	0.00	0.00	
Potatoes	8.40	9.40	17.80	
Other Veg.	36.50	4.40	40.90	*
Other Row Crop	0.90	0.00	0.90	
Sunflowers	2.10	0.00	2.10	
Wheat	306.20	0.00	306.20	*
Oats	17.40	0.00	17.40	
Rice	1.20	0.00	1.20	
Barley	64.10	0.00	64.10	*
Flax	0.00	0.00	0.00	
Other Close Grown	13.40	0.00	13.40	
Summer Fallow	1.80	0.00	1.80	
Other Cropland	265.40	0.00	265.40	*
Cool Season Hay	579.20	2.50	581.70	*
Warm Season Hay	37.90	0.00	37.90	*
Legume Hay	63.90	1.20	65.10	*
Non Legume Hay	206.20	0.00	206.20	*
All Hay	887.20	3.70	0.00	
Total	3302.10	97.20	3399.30	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 45. Acreage data by crop for Washington

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	2.80	208.50	211.30	*
Nuts	0.70	0.80	1.50	
Vineyard	0.00	41.80	41.80	
Bush Fruit	0.00	2.70	2.70	
Berries	0.60	6.20	6.80	
Other Hort.	2.80	46.20	49.00	
Corn	26.60	188.40	215.00	*
Sorghum	0.00	0.00	0.00	
Soybeans	0.00	0.00	0.00	
Cotton	0.00	0.00	0.00	
Peanuts	0.00	0.00	0.00	
Tobacco	0.00	0.00	0.00	
Sugarbeets	0.00	0.00	0.00	
Potatoes	1.40	77.20	78.60	*
Other Veg.	30.00	66.70	96.70	*
Other Row Crop	4.10	46.20	50.30	
Sunflowers	0.00	7.00	7.00	
Wheat	2611.10	398.60	3009.70	*
Oats	22.20	3.80	26.00	
Rice	0.00	0.00	0.00	
Barley	612.20	86.40	698.60	*
Flax	0.00	0.00	0.00	
Other Close Crown	290.90	54.40	345.30	*
Summer Fallow	1969.70	8.00	1977.70	*
Other Cropland	76.50	3.10	79.60	*
Cool Season Hay	160.70	50.20	210.90	*
Warm Season Hay	0.00	0.00	0.00	
Legume Hay	62.70	205.20	267.90	*
Non Legume Hay	104.10	57.50	161.60	*
All Hay	327.50	312.90	0.00	
Total	6003.10	1558.90	7562.00	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 46. Acreage data by crop for West Virginia

Crop Name	1000 Acres		Total	Crop Select
	Dryland	Irrigated		
Fruit	41.60	0.00	41.60	*
Nuts	0.00	0.00	0.00	
Vineyard	0.00	0.00	0.00	
Bush Fruit	0.00	0.00	0.00	
Berries	0.00	0.00	0.00	
Other Hort.	2.70	0.00	2.70	
Corn	164.10	0.00	164.10	*
Sorghum	0.00	0.00	0.00	
Soybeans	6.50	0.00	6.50	
Cotton	0.00	0.00	0.00	
Peanuts	0.00	0.00	0.00	
Tobacco	3.10	0.00	3.10	
Sugarbeets	0.00	0.00	0.00	
Potatoes	1.10	0.00	1.10	
Other Veg.	23.40	2.80	26.20	*
Other Row Crop	2.50	0.00	2.50	
Sunflowers	0.00	0.00	0.00	
Wheat	9.70	0.00	9.70	
Oats	4.80	0.00	4.80	
Rice	0.00	0.00	0.00	
Barley	2.40	0.00	2.40	
Flax	0.00	0.00	0.00	
Other Close Grown	3.10	0.00	3.10	
Summer Fallow	0.00	0.00	0.00	
Other Cropland	22.00	0.00	22.00	*
Cool Season Hay	630.10	0.00	630.10	*
Warm Season Hay	36.80	0.00	36.80	*
Legume Hay	10.70	0.00	10.70	
Non Legume Hay	83.00	0.00	83.00	*
All Hay	760.60	0.00	0.00	
Total	1124.20	2.80	1127.00	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 47. Acreage data by crop for Wisconsin

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	29.80	1.30	31.10	
Nuts	0.00	0.00	0.00	
Vineyard	1.20	0.00	1.20	
Bush Fruit	0.00	0.00	0.00	
Berries	5.50	5.50	11.00	
Other Hort.	5.60	3.70	9.30	
Corn	5089.90	119.70	5209.60	*
Sorghum	17.00	0.00	17.00	
Soybeans	342.10	20.50	362.60	*
Cotton	0.00	0.00	0.00	
Peanuts	0.00	0.00	0.00	
Tobacco	11.10	0.00	11.10	
Sugarbeets	0.00	0.00	0.00	
Potatoes	23.10	60.20	83.30	
Other Veg.	79.90	66.90	146.80	*
Other Row Crop	9.40	2.60	12.00	
Sunflowers	1.20	0.00	1.20	
Wheat	80.60	2.60	83.20	
Oats	708.90	12.40	721.30	*
Rice	0.00	0.00	0.00	
Barley	15.50	0.00	15.50	
Flax	0.00	0.00	0.00	
Other Close Grown	20.10	7.50	27.60	
Summer Fallow	3.30	2.50	5.80	
Other Cropland	203.80	0.00	203.80	*
Cool Season Hay	528.30	5.40	533.70	*
Warm Season Hay	0.00	0.00	0.00	
Legume Hay	504.60	2.50	507.10	*
Non Legume Hay	3358.20	13.40	3371.60	*
All Hay	4391.10	21.30	0.00	
Total	11104.70	326.70	11431.40	*

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory

Table 48. Acreage data by crop for Wyoming

Crop Name	Dryland	Irrigated	Total	Crop Select
	1000 Acres			
Fruit	0.00	0.00	0.00	
Nuts	0.00	0.00	0.00	
Vineyard	0.00	0.00	0.00	
Bush Fruit	0.00	0.00	0.00	
Berries	0.00	0.00	0.00	
Other Hort.	0.00	0.00	0.00	
Corn	0.60	126.20	126.80	*
Sorghum	0.00	0.50	0.50	
Soybeans	0.00	0.80	0.80	
Cotton	0.00	0.00	0.00	
Peanuts	0.00	0.00	0.00	
Tobacco	0.00	0.00	0.00	*
Sugarbeets	0.00	59.90	59.90	
Potatoes	0.00	3.30	3.30	
Other Veg.	0.00	0.00	0.00	*
Other Row Crop	0.60	28.80	29.40	
Sunflowers	0.00	0.00	0.00	*
Wheat	442.40	12.90	455.30	
Oats	6.40	16.90	23.30	
Rice	0.00	0.00	0.00	*
Barley	16.90	102.00	118.90	
Flax	0.00	0.00	0.00	
Other Close Grown	0.00	1.50	1.50	*
Summer Fallow	447.10	1.20	448.30	*
Other Cropland	84.60	0.00	84.60	*
Cool Season Hay	102.60	414.70	517.30	*
Warm Season Hay	3.00	5.20	8.20	*
Legume Hay	20.20	149.40	169.60	*
Non Legume Hay	76.20	351.50	427.70	*
All Hay	202.00	920.80	1122.80	*
Total	1305.20	1274.80	2580.00	

* Indicates that the crop is grown on at least one percent of the acres

Source: 1982 National Resources Inventory