Farmland classification identifies map units as prime farmland, farmland of statewide importance, farmland of local importance, or unique farmland. It identifies the location and extent of the soils that are best suited to food, feed, fiber, forage, and oilseed crops.

Land capability classification shows, in a general way, the suitability of soils for most kinds of field crops. Crops that require special management are excluded. The soils are grouped according to their limitations for field crops, the risk of damage if they are used for crops, and the way they respond to management. The criteria used in grouping the soils do not include major and generally expensive landforming that would change slope, depth, or other characterisitics of the soils, nor do they include possible but unlikely major reclamation projects. Capability classification is not a substitute for interpretations that show suitability and limitations of groups of soils for rangeland, for woodland, or for engineering purposes.

					Rice	Corn
Map unit			Land Capability		Average	Average
symbol	Map unit name	Rating	Classification		Yield/Ac	Yield/Ac
	Annana Gas and Lana			Nick biobly		
١	Annona fine sandy loam,	.		Not highly		
AnA	0 to 1 percent slopes	Not prime farmland	3	erodible land		
				Potentially		
	Annona fine sandy loam,			highly		
AnC	1 to 5 percent slopes	Not prime farmland	4	erodible land		
	Aris fine sandy loam, 0 to	Prime farmland if		Not highly		
ArA	1 percent slopes	drained	4	erodible land	110.5	
				Potentially		
	Axtell fine sandy loam, 1			highly		
AxC	to 5 percent slopes	Not prime farmland	4	erodible land		
	Axtell fine sandy loam, 2			Potentially		
	to 5 percent slopes,			highly		
AxC2	eroded	Not prime farmland	4	erodible land		
	Axtell fine sandy loam, 5			Highly		
AxD	to 8 percent slopes	Not prime farmland	6	erodible land		
				Potentially		
	Bleiblerville clay, 1 to 3	All areas are prime		highly		
BbB	percent slopes	farmland	2	erodible land		

		ртте таттнапо п				
		protected from				
		flooding or not				
		frequently flooded				
	Bosque clay loam,	during the growing		Not highly		
Ве	frequently flooded	season	5	erodible land		
	• • •		-	Potentially		
	Boy loamy fine sand, 1 to			highly		
BoC	5 percent slopes	Not prime farmland	3	erodible land		
	Brazoria clay, 0 to 1	All areas are prime		Not highly		
BrA	percent slopes	farmland	2	erodible land	93.5	102.0
				Potentially		
	Brazoria clay, 1 to 3	All areas are prime		highly		
BrB	percent slopes	farmland	2	erodible land		
	Brazoria clay,	Prime farmland if		Not highly		
Bs	depressional	drained	3	erodible land		
				Potentially		
	Brenham clay loam, 3 to	L		highly		
BtD	8 percent slopes	Not prime farmland	4	erodible land		
	Burleson clay, 0 to 1	All areas are prime	_	Not highly		
BuA	percent slopes	farmland	2	erodible land		
	Carbengle clay loam, 1 to	All aroas are prime		Potentially highly		
СаВ	3 percent slopes	farmland	2	erodible land		
СаБ	Carbengle clay loam, 3 to		2	Highly		
CaC	5 percent slopes	farmland	3	erodible land		
Cac	Carbengle clay loam, 5 to	Tarrilana	3	Highly		
CaD	8 percent slopes	Not prime farmland	4	erodible land		
Сав	o percent slopes	Not prime farmiana	4	Potentially		
	Catilla loamy fine sand, 0			highly		
CcD	to 8 percent slopes	Not prime farmland	3	erodible land		
				Potentially		
	Chazos loamy fine sand,	All areas are prime		highly		
ChC	1 to 5 percent slopes	farmland	3	erodible land		
				Potentially		
	Chazos loamy fine sand,			highly		
ChD	5 to 8 percent slopes	Not prime farmland	4	erodible land		
	Clemville silt loam,	All areas are prime		Not highly		
Cm	occasionally flooded	farmland	2	erodible land		

				Potentially		
	Conroe loamy fine sand,			highly		
CoC	1 to 5 percent slopes	Not prime farmland	3	erodible land		
				Potentially		
	Conroe soils, graded, 1 to			highly		
СрС	5 percent slopes	Not prime farmland	6	erodible land		
				Potentially		
	Crockett fine sandy loam,			highly		
CrC	1 to 5 percent slopes	Not prime farmland	4	erodible land		
	Crockett fine sandy loam,			Potentially		
	2 to 5 percent slopes,			highly		
CrC2	eroded	Not prime farmland	4	erodible land		
	Cus skatt fine sandy lesses					
CD	Crockett fine sandy loam,	Naturius a farmalan d				
CrD	5 to 8 percent slopes	Not prime farmland	6	No. to the last section of		
C D	Cuero loam, 1 to 3	All areas are prime	_	Not highly		
CuB	percent slopes	farmland	2	erodible land		
				Potentially		
	Cuero loam, 3 to 5	All areas are prime	_	highly		
CuC	percent slopes	farmland	3	erodible land		
0.5	Cuero Ioam, 5 to 8			Highly		
CuD	percent slopes	Not prime farmland	4	erodible land		
	D			Potentially		
D 6	Depcor loamy fine sand,		_	highly		
DeC	1 to 5 percent slopes	Not prime farmland	3	erodible land		
	Dutal Japan Gas and E			Potentially		
DD	Dutek loamy fine sand, 5	Naturius a farmalan d		highly		
DuD	to 8 percent slopes	Not prime farmland	3	erodible land		
_ 1 ^	Edna fine sandy loam, 0	Naturius a farmalan d		Not highly		
EdA	to 1 percent slopes	Not prime farmland	3	erodible land	102.0	
	Edua 6: a sandu lasus 1			Potentially		
E 15	Edna fine sandy loam, 1			highly		
EdB	to 3 percent slopes	Not prime farmland	3	erodible land		
				Potentially		
	Eufaula fine sand, 0 to 5			highly		
EuC	percent slopes	Not prime farmland	4	erodible land		
				Potentially		
	Fetzer loamy fine sand, 1			highly		
FeC	to 5 percent slopes	Not prime farmland	3	erodible land		

				Potentially		
	Frelsburg clay, 1 to 3	All areas are prime		highly		
FrB	percent slopes	farmland	2	erodible land		
				Potentially		
	Frelsburg clay, 3 to 5	All areas are prime		highly		
FrC	percent slopes	farmland	3	erodible land		
	Frelsburg clay, 5 to 8			Highly		
FrD	percent slopes	Not prime farmland	4	erodible land		
GP	Pits, gravel	Not prime farmland				
	Hockley fine sandy loam,	All areas are prime		Not highly		
НоВ	1 to 3 percent slopes	farmland	2	erodible land		
	<u> </u>		_	Potentially		
	Hockley fine sandy loam,	All areas are prime		highly		
HoC	3 to 5 percent slopes	farmland	3	erodible land		
	Hockley gravelly fine			Potentially		
	sandy loam, 1 to 5	All areas are prime		highly		
HpC	percent slopes	farmland	3	erodible land		
				Potentially		
	Hockley soils, graded, 1			highly		
HzC	to 5 percent slopes	Not prime farmland	6	erodible land		
	Katy fine sandy loam, 0	All areas are prime		Not highly		
KaA	to 1 percent slopes	farmland	2	erodible land	102.0	
		l		Potentially		
	Katy fine sandy loam, 1	All areas are prime		highly		
KaB	to 3 percent slopes	farmland	3	erodible land		
	Kata Edua assulas Ota	All		Potentially		
IZ-D	Katy-Edna complex, 0 to	All areas are prime		highly		
KcB	3 percent slopes	farmland	2	erodible land	84.0	
	Kannay lanny fina and			Potentially		
KeD	Kenney loamy fine sand,	Not wise a formal and		highly		
KeD	1 to 8 percent slopes	Not prime farmland	3	erodible land Potentially		
	Klump sandy loam, 3 to 5	All areas are prime		highly		
KIC	percent slopes	farmland]	erodible land		
KIC	Klump sandy loam, 5 to 8	laimanu	3	Highly		
KID	percent slopes	Not prime farmland	4	erodible land		
	F 2: 30::0 0:0 P 00	i i i i i i i i i i i i i i i i i i i		5. 50.5.0 idila	1	

				Potentially		
	Knolle loamy sand, 1 to 5	All areas are prime		highly		
KnC	percent slopes	farmland	3	erodible land		
	per cerre erepee		3	Potentially		
	Kuy loamy fine sand, 1 to			highly		
KuC	5 percent slopes	Not prime farmland	3	erodible land		
- Tuu	Kuy-Aris complex, 0 to 3	Not prime farmiana	<u> </u>	Not highly		
КуВ	percent slopes	Not prime farmland	3	erodible land	52.0	
13,5	Lake Charles clay, 0 to 1	All areas are prime	<u> </u>	Not highly	32.0	
LaA	percent slopes	farmland	2	erodible land	110.5	
Lar	percent slopes	Tarrinaria	2	Potentially	110.5	
	Lake Charles clay, 1 to 3	All areas are prime		highly		
LaB	percent slopes	farmland	2	erodible land		
Lab	percent slopes	Tarrinaria	2	Potentially		
	Lake Charles clay, 3 to 8			highly		
LaD	percent slopes	Not prime farmland	4	erodible land		
Lab	Landman loamy fine	Not prime farmand	4	Potentially		
	sand, 1 to 5 percent			highly		
LdC	slopes	Not prime farmland	3	erodible land		
Luc	31000	Not prime farmana	3	Potentially		
	Landman-Larue complex,			highly		
LIE	3 to 12 percent slopes	Not prime farmland	3	erodible land		
	5 to 12 percent slopes	Not prime farmana	3	Potentially		
	Latium clay, 2 to 5	All areas are prime		highly		
LtC	percent slopes	farmland	3	erodible land		
LCC	Latium clay, 5 to 12	Tarrinaria	3	Highly		
LtE	percent slopes	Not prime farmland	6	erodible land		
LLL	Lufkin fine sandy loam, 0	Not prime farmana	0	Not highly		
LuA	to 1 percent slopes	Not prime farmland	3	erodible land		
LuA	to 1 percent slopes	Not prime farmand	5	Potentially		
	Lufkin fine sandy loam, 1			highly		
LuB	to 3 percent slopes	Not prime farmland	2	erodible land		
LUD	to 3 percent slopes	Not prime raminanu	3	erouible lallu		
	Mabank fine sandy loam,			Not highly		
MaA	0 to 1 percent slopes	Not prime farmland	2	erodible land		
MaA	o to 1 percent slopes	inot prime raminano	3	Potentially		
	Mabank fine sandy loam,			highly		
МаВ	1 to 3 percent slopes	Not prime farmland	2	erodible land		
ויומם	True a herceur siohes	inot prime raminand	3	lei ouible lallu		

	Verland clay loam, 0 to 1			Not highly		
MdA	percent slopes	Not prime farmland	3	erodible land	93.5	
				Potentially		
	Verland clay loam, 1 to 3			highly		
MdB	percent slopes	Not prime farmland	3	erodible land		
	Midland clay loam,			Not highly		
Мр	depressional	Not prime farmland	4	erodible land		
	Monaville loamy fine			Potentially		
	sand, 1 to 5 percent			highly		
MvC	slopes	Not prime farmland	3	erodible land		
	Nahatche loam,	protected from flooding or not frequently flooded during the growing		Not highly		
Na	frequently flooded	season	5	erodible land		
N. C	Newulm loamy fine sand,			Potentially highly		
NeC	1 to 5 percent slopes	Not prime farmland	3	erodible land		
NI - A	Norwood silt loam, 0 to 1	All areas are prime		Not highly		
NoA	percent slopes	farmland	1	erodible land		104.0
NrA	Norwood silty clay loam, 0 to 1 percent slopes	All areas are prime farmland	1	Not highly erodible land		104.0
OkA	Mohat loam, 0 to 1 percent slopes, rarely flooded	All areas are prime farmland	1	Not highly erodible land		
On	Oklared-Norwood complex, frequently flooded	Not prime farmland	5	Not highly erodible land		
	Rader fine sandy loam, 0	All areas are prime		Not highly		
RaA	to 1 percent slopes	farmland	2	erodible land		
RaB	Rader fine sandy loam, 1 to 3 percent slopes	All areas are prime farmland	3	Potentially highly erodible land		
ReF	Renish clay loam, 5 to 20 percent slopes	Not prime farmland	6	Highly erodible land		
SeC	Sealy loamy fine sand, 0 to 5 percent slopes	Not prime farmland	6	Potentially highly erodible land		

				Potentially
	Segno fine sandy loam, 1	All areas are prime		highly
SgC	to 5 percent slopes	farmland	3	erodible land
				Potentially
	Silawa loamy fine sand, 1	All areas are prime		highly
SIC	to 5 percent slopes	farmland	3	erodible land
				Potentially
	Silawa loamy fine sand, 5			highly
SID	to 8 percent slopes	Not prime farmland	4	erodible land
	Splendora fine sandy			Potentially
	loam, 0 to 3 percent	All areas are prime		highly
SpB	slopes	farmland	3	erodible land
				Potentially
	Straber loamy fine sand,			highly
SrC	1 to 5 percent slopes	Not prime farmland	3	erodible land
	Straber loamy fine sand,			Highly
SrD	5 to 8 percent slopes	Not prime farmland	4	erodible land
				Potentially
	Styx loamy fine sand, 1			highly
StC	to 5 percent slopes	Not prime farmland	3	erodible land
				Potentially
	Sumpf clay, frequently			highly
Su	flooded	Not prime farmland	6	erodible land
				Potentially
T 0	Tabor fine sandy loam, 1			highly
TaC	to 5 percent slopes	Not prime farmland	4	erodible land
	T			Potentially
T- C	Tremona loamy fine sand,	Ni. t		highly
TeC	1 to 5 percent slopes	Not prime farmland	3	erodible land
	Tromono loomy fine seed			Highly
ToD	Tremona loamy fine sand,	Not puipo o formalaria		Highly
TeD	5 to 8 percent slopes	Not prime farmland		erodible land
		protected from		
		flooding or not		
		frequently flooded		
	Trinity clay, frequently	during the growing		Not highly
Tr	flooded	season	_	erodible land
11	nooueu	3C03011	5	er outble tattu

W	Water	Not prime farmland				
				Potentially highly		
Wa	Waller loam, depressional	Not prime farmland	6	erodible land		
	Wilson clay loam, 0 to 1			Not highly		
WIA	percent slopes	Not prime farmland	3	erodible land		
MID	Wilson clay loam, 1 to 3	Nah wisaa fawalaad		Potentially highly		
WIB	percent slopes	Not prime farmland	3	erodible land		
WoA	Wockley fine sandy loam, 0 to 1 percent slopes	All areas are prime farmland	3	Not highly erodible land	88.0	
WoB	Wockley fine sandy loam, 1 to 3 percent slopes	All areas are prime farmland	3	Potentially highly erodible land	88.0	

Capability classes are designated by the numbers 1 through 8. The number indicate progressively greater limitations and narrower choices for practical use. The classes are defined as follows:

- **Class 1** soils have few limitations that restrict their use.
- Class 2 soils have moderate limitations that reduce the choice of plants or that require special moderate conservation practices.
- **Class 3** soils have severe limitations that reduce the choice of plants or that require very careful management, or both.
- **Class 4** soils have very severe limitations that reduce the choice of plants or that that require very careful management, or both.
- **Class 5** soils are subject to little or no erosion but have other limitations, impractical to remove, that restrict their use mainly to pasture, rangeland, forestland, or wildlife habitat.
- **Class 6** soils have severe limitations that make them generally unsuitable for cultivation and that restrict their use mainly to pasture, rangeland, forestland, or wildlife habitat.
- **Class 7** soils have very severe limitations that make them unsuitable for cultivation and that restrict their use mainly to grazing, forestland, or wildlife habitat.
- **Class 8** soils and miscellaneous areas have limitations that preclude commercial plant production and that restrict their use to recreational purposes, wildlife habitat, watershed, or esthetic purposes.

Irrigated Crops: Rice

These are the estimated average yields per acre that can be expected of selected irrigated corps under a high level of management. In any given year, yields may be higher or lower than those indicated because of variations in rainfall and other climatic factors. It is assumed that the irrigation system is adapted to the soils and to the crops grown, that good-quality irrigation water is uniformly applied as needed,

and that tillage is kept to a minimum.

Management Practices - The management needed to obtain the indicated yields of the various crops depends on the kind of soil and the crop. Management can include drainage, eroision control, and protection from flooding; the proper planting and seeding rates; suitable high-yielding crops varieties; appropriate and timely tillage; control of weeds, plant diseases, and harmful insects; favorable soil reaction and optimum levels of nitrogen, phosphorus, potassium, and trace elements for each crop; effective use of crop residue, barnyard manure, and green manure corps; and harvesting that ensures the smallest possible losss.

Corn Crops:

These are the estimated average yields per acre that can be expected of selected irrigated corps under a high level of management. In any given year, yields may be higher or lower than those indicated because of variations in rainfall and other climatic factors. It is assumed that the irrigation system is adapted to the soils and to the crops grown, that good-quality irrigation water is uniformly applied as needed, and that tillage is kept to a minimum.

Management Practices - The management needed to obtain the indicated yields of the various crops depends on the kind of soil and the crop. Management can include drainage, eroision control, and protection from flooding; the proper planting and seeding rates; suitable high-yielding crops varieties; appropriate and timely tillage; control of weeds, plant diseases, and harmful insects; favorable soil reaction and optimum levels of nitrogen, phosphorus, potassium, and trace elements for each crop; effective use of crop residue, barnyard manure, and green manure corps; and harvesting that ensures the smallest possible losss.