

Appendix table 10--Coefficients of variation for U.S. wheat, 1951-89

Period	Harvested 1/ acres	Yield	Production	Exports	Price received 2/	Value of production
1951-55	1.5745	0.1098	22.8734	32.0610	0.0016	0.0520
1956-60	.2739	.4280	40.7682	16.3778	.0067	.0415
1961-65	.2244	.0371	7.1827	10.3353	.0571	.0292
1966-70	.6896	.2003	7.6760	15.8989	.0184	.0125
1971-75	1.8265	.2023	28.9118	58.9752	.5680	1.3058
1976-80	.5831	.0939	22.7316	39.1594	.1589	.6078
1981-85	1.0203	.1188	11.9929	68.2900	.0145	.1270
1986-89	.2277	.0993	9.2866	55.3540	.2027	.3052

1/ June/May year. 2/ Season average price received by farmers.

Appendix table 11--U.S. wheat exports: Commercial and concessional, fiscal years, 1955-87 1/

Wheat exports	1955	1956-60 average	1961-65 average	1966-70 average	1971-75 average	1976-80 average	1981-85 average	1986	1987
<u>Million dollars</u>									
Concessional/Government-financed: <u>2/</u>									
Wheat	299	478	735	485	294	441	507	641	480
Wheat flour	4	56	123	81	68	123	159	118	98
Wheat and wheat flour <u>3/</u>	303	534	857	565	362	564	666	759	578
Commercial	192	251	415	601	2,485	4,104	5,915	2,704	2,506
Total U.S. wheat and wheat flour <u>3/</u>	495	785	1,272	1,166	2,847	4,668	6,581	3,463	3,084
<u>1,000 metric tons</u>									
Concessional/Government-financed:									
Wheat	4,206	7,747	11,666	8,068	3,438	3,260	3,378	5,273	4,334
Wheat flour (grain equivalent)	43	750	2,002	1,308	757	797	898	808	719
Wheat and wheat flour (grain equivalent) <u>3/</u>	4,249	8,497	13,668	9,376	4,195	4,057	4,277	6,081	5,053
Commercial	3,233	3,768	5,831	9,526	21,367	27,790	35,476	20,514	24,456
Total U.S. wheat and wheat flour <u>3/</u>	7,482	12,265	19,500	18,903	25,561	31,846	39,753	26,595	29,509

1/ July/June for 1950-1976; October/September for 1977-1987. 2/ Concessional/Government-financed is composed of PL 480, Sec. 416, and Mutual Security Assistance Program shipments. 3/ Totals may not add because of rounding.

Appendix table 12--Provisions of wheat programs, 1961-90

Provision	1961 1/	1962 2/	1963	1964
Parity price (\$/bu) 3/	2.39	2.43	2.51	2.52
Support price (\$/bu)	1.79	2.00	2.00	2.00
Payment rate (\$/bu)	--	--	0.18	--
Payment (\$)	--	--	0.18*Production	--
Marketing certificates:				
Value of domestic (\$/bu)	--	--	--	0.70
Amount of domestic (mil bu)	--	--	--	0.45*Yld*Alt
Value of export (\$/bu)	--	--	--	0.25
Amount of export (mil bu)	--	--	--	0.45*Yld*Alt
Target price (\$/bu)	--	--	--	--
Deficiency payment: 4/	--	--	--	--
Advance payment (\$/bu)	--	--	--	--
Final payment (\$/bu)	--	--	--	--
Allocation factor (%) 5/	--	--	--	--
Nonrecourse loan rate:				
Basic rate (\$/bu) 6/	1.79	2.00	1.82	7/ 1.30
Adjusted rate (\$/bu) 8/	--	--	--	--
CCC domestic sales: 9/				
Legislated minimum (\$/bu) 10/	1.88+CC	2.10+CC	2.10+CC	2.10+CC
Actual price (\$/bu) 11/	--	--	--	--
Farmer-owned reserve:				
Loan rate (\$/bu)	--	--	--	--
Release level (\$/bu)	--	--	--	--
Call level (\$/bu)	--	--	--	--
Storage payment (\$/bu)	--	--	--	--
Immediate entry	--	--	--	--
Ceiling (mil bu)	--	--	--	--
Floor (mil bu)	--	--	--	--
Food Security reserve (mil bu)	--	--	--	--
Acreage diversion (%)	--	11.11	20	11.11
Payment rate (\$/bu)	--	45% of loan rate	50% of loan rate	0
Payment (\$)	--	0.90*Yld*Div	0.91*Yld*Div	0
Acreage diversion optional (%)	--	0-30	0-30	0-20
Payment rate (\$/bu)	--	60% of loan rate	50% of loan rate	20% of loan rate
Payment (\$)	--	1.20*Yld*Div	0.91*Yld*Div	0.26*Yld*Div
Set-aside (%)	--	--	--	--
Payment rate (\$/bu)	--	--	--	--
Payment (\$)	--	--	--	--
Set-aside voluntary (%)	--	--	--	--
Payment rate (\$/bu)	--	--	--	--
Payment (\$)	--	--	--	--
Acreage reduction (%)	--	--	--	--
Payment rate (\$/bu)	--	--	--	--
Payment (\$)	--	--	--	--
Acreage reduction voluntary (%)	--	--	--	--
Payment rate (\$/bu)	--	--	--	--
Payment (\$)	--	--	--	--
PIK acreage diversion (%)	--	--	--	--
Payment rate (bu)	--	--	--	--
Payment (bu)	--	--	--	--
Compliance restrictions:				
Soil conserving base 12/	Yes	Yes	Yes	Yes
Cross compliance 13/	No	No	No	No
Offsetting compliance 14/	No	No	No	No
Normal crop acreage 15/	--	--	--	--
National marketing quota (mil bu)	Yes	Yes	None	None
Marketing quota penalty (\$/bu)	16/ 45% of parity	16/ 65% of parity	None	None

See footnotes at end of table.

Continued--

Appendix table 12--Provisions of wheat programs, 1961-90--Continued

Provision	1961 1/	1962 2/	1963	1964
National allotment acres (mil):				
Wheat	17/ 55.0	17/ 55.0	17/ 55.0	17/ 53.2
Wheat domestic	--	--	--	--
National program acres (mil)	--	--	--	--
National base acres (mil):				
Wheat	--	--	--	--
Wheat base in CRP	--	--	--	--
National program yield (bu/ac)	--	--	25.8	25.3
Disaster program: 19/				
Prevented plantings payment (\$/bu)	--	--	20/	20/
Low yield criterion (%)	--	--	--	--
Low yield payment (\$/bu)	--	--	20/	20/
Payment limitation (\$)	--	--	--	--
Advanced payment (%)	50	50	50	50
Support payment limitation (\$)	--	--	--	--

See footnotes at end of table.

Continued--

Appendix table 12--Provisions of wheat programs, 1961-90--Continued

Provision	1965	1966	1967	1968
Parity price (\$/bu) 3/	2.57	2.57	2.6	2.63
Support price (\$/bu)	2.00	2.57	2.61	2.63
Payment rate (\$/bu)	--	--	--	--
Payment (\$)	--	--	--	--
Marketing certificates:				
Value of domestic (\$/bu)	0.75	1.32	1.36	1.38
Amount of domestic (mil bu)	0.45*Yld*Alt	21/ .45*Yld*Plt	22/ .35*Yld*Plt	23/ .40*Yld*Alt
Value of export (\$/bu)	0.30	--	--	--
Amount of export (mil bu)	0.35*Yld*Alt	--	--	--
Target price (\$/bu)	--	--	--	--
Deficiency payment: 4/	--	--	--	--
Advance payment (\$/bu)	--	--	--	--
Final payment (\$/bu)	--	--	--	--
Allocation factor (%) 5/	--	--	--	--
Nonrecourse loan rate:				
Basic rate (\$/bu) 6/	6/ 1.25	1.25	1.25	1.25
Adjusted rate (\$/bu) 8/	--	--	--	--
CCC domestic sales: 9/				
Legislated minimum (\$/bu) 10/	2.10+CC	2.70+CC	2.74+CC	2.76+CC
Actual price (\$/bu) 11/	--	--	--	--
Farmer-owned reserve:				
Loan rate (\$/bu)	--	--	--	--
Release level (\$/bu)	--	--	--	--
Call level (\$/bu)	--	--	--	--
Storage payment (\$/bu)	--	--	--	--
Immediate entry	--	--	--	--
Ceiling (mil bu)	--	--	--	--
Floor (mil bu)	--	--	--	--
Food Security reserve (mil bu)	--	--	--	--
Acreage diversion (%)	11.11	15	0	0
Payment rate (\$/bu)	0	0	0	0
Payment (\$)	0	0	0	0
Acreage diversion optional (%)	0-20	0-50	0	0
Payment rate (\$/bu)	50% of loan rate	40% of loan rate	0	0
Payment (\$)	0.625*Yld*Div	0.50*Yld*Div	0	0
Set-aside (%)	--	--	--	--
Payment rate (\$/bu)	--	--	--	--
Payment (\$)	--	--	--	--
Set-aside voluntary (%)	--	--	--	--
Payment rate (\$/bu)	--	--	--	--
Payment (\$)	--	--	--	--
Acreage reduction (%)	--	--	--	--
Payment rate (\$/bu)	--	--	--	--
Payment (\$)	--	--	--	--
Acreage reduction voluntary (%)	--	--	--	--
Payment rate (\$/bu)	--	--	--	--
Payment (\$)	--	--	--	--
PIK acreage diversion (%)	--	--	--	--
Payment rate (bu)	--	--	--	--
Payment (bu)	--	--	--	--
Compliance restrictions:				
Soil conserving base 12/	Yes	Yes	Yes	Yes
Cross compliance 13/	Yes	No	No	No
Offsetting compliance 14/	Yes	Yes	Yes	Yes
Normal crop acreage 15/	--	--	--	--
National marketing quota (mil bu)	None	None	None	None
Marketing quota penalty (\$/bu)	None	None	None	None

See footnotes at end of table.

Continued--

Appendix table 12--Provisions of wheat programs, 1961-90--Continued

Provision	1965	1966	1967	1968
National allotment acres (mil):				
Wheat	17/ 18/ 53.3	17/ 18/ 51.6	17/ 18/ 68.2	17/ 18/ 59.3
Wheat domestic	--	--	--	--
National program acres (mil)	--	--	--	--
National base acres (mil):				
Wheat	--	--	--	--
Wheat base in CRP	--	--	--	--
National program yield (bu/ac)	25.4	27.0	27.3	27.5
Disaster program: 19/				
Prevented plantings payment (\$/bu)	20/	20/	20/	20/
Low yield criterion (%)	--	--	--	--
Low yield payment (\$/bu)	20/	20/	20/	20/
Payment limitation (\$)	--	--	--	--
Advanced payment (%)	50	--	--	--
Support payment limitation (\$)	--	--	--	--

See footnotes at end of table.

Continued--

Appendix table 12--Provisions of wheat programs, 1961-90--Continued

Provision	1969	1970	1971	1972
Parity price (\$/bu) 3/	2.76	2.81	2.92	2.99
Support price (\$/bu)	2.77	2.82	2.93	3.02
Payment rate (\$/bu)	--	--	--	--
Payment (\$)	--	--	--	--
Marketing certificates:				
Value of domestic (\$/bu)	1.52	1.57	26/ 1.63	26/ 1.34
Amount of domestic (mil bu)	24/ .43*Yld*Alt	25/ .48*Yld*Alt	--	--
Value of export (\$/bu)	--	--	--	--
Amount of export (mil bu)	--	--	--	--
Target price (\$/bu)	--	--	--	--
Deficiency payment: 4/	--	--	--	--
Advance payment (\$/bu)	--	--	--	--
Final payment (\$/bu)	--	--	--	--
Allocation factor (%) 5/	--	--	--	--
Nonrecourse loan rate:				
Basic rate (\$/bu) 6/	1.25	1.25	1.25	1.25
Adjusted rate (\$/bu) 8/	--	--	--	--
CCC domestic sales: 9/				
Legislated minimum (\$/bu) 10/	2.91+CC	2.96+CC	3.08+CC	3.17+CC
Actual price (\$/bu) 11/	1.55	1.70	1.64	2.31
Farmer-owned reserves:				
Loan rate (\$/bu)	--	--	--	--
Release level (\$/bu)	--	--	--	--
Call level (\$/bu)	--	--	--	--
Storage payment (\$/bu)	--	--	--	--
Immediate entry	--	--	--	--
Ceiling (mil bu)	--	--	--	--
Floor (mil bu)	--	--	--	--
Food Security reserve (mil bu)	--	--	--	--
Acreage diversion (%)	15	30.3	--	--
Payment rate (\$/bu)	0	0	--	--
Payment (\$)	0	0	--	--
Acreage diversion optional (%)	0-50	0-50	--	--
Payment rate (\$/bu)	50% of loan rate	50% of loan rate	--	--
Payment (\$)	0.625*Yld*Div	0.625*Yld*Div	--	--
Set-aside (%)	--	--	75	27/ 83
Payment rate (\$/bu)	--	--	Value of cert.	Value of cert.
Payment (\$)	--	--	1.63*Yld*Alt	1.34*Yld*Alt
Set-aside voluntary (%)	--	--	--	75
Payment rate (\$/bu)	--	--	--	0.94
Payment (\$)	--	--	--	0.94*Yld*Vol
Acreage reduction (%)	--	--	--	--
Payment rate (\$/bu)	--	--	--	--
Payment (\$)	--	--	--	--
Acreage reduction voluntary (%)	--	--	--	--
Payment rate (\$/bu)	--	--	--	--
Payment (\$)	--	--	--	--
PIK acreage diversion (%)	--	--	--	--
Payment rate (bu)	--	--	--	--
Payment (bu)	--	--	--	--
Compliance restrictions:				
Soil conserving base 12/	Yes	Yes	Yes	Yes
Cross compliance 13/	No	No	No	No
Offsetting compliance 14/	Yes	Yes	Yes	Yes
Normal crop acreage 15/	--	--	--	--
National marketing quota (mil bu)	None	None	None	None
Marketing quota penalty (\$/bu)	None	None	None	None

See footnotes at end of table.

Continued--

Appendix table 12--Provisions of wheat programs, 1961-90--Continued

Provision	1969	1970	1971	1972
National allotment acres (mil):				
Wheat	17/ 18/ 51.6	17/ 18/ 45.5	--	--
Wheat domestic	--	--	28/ 19.7	28/ 19.7
National program acres (mil)	--	--	--	--
National base acres (mil):				
Wheat	--	--	--	--
Wheat base in CRP	--	--	--	--
National program yield (bu/ac)	28.3	28.9	30.3	29.8
Disaster program: 19/				
Prevented plantings payment (\$/bu)	20/	20/	--	--
Low yield criterion (%)	--	--	--	--
Low yield payment (\$/bu)	20/	20/	--	--
Payment limitation (\$)	--	--	--	--
Advanced payment (%)	--	--	75	--
Support payment limitation (\$)	--	--	29/ 55,000	29/ 55,000

See footnotes at end of table.

Continued--

Appendix table 12--Provisions of wheat programs, 1961-90--Continued

Provision	1973	1974	1975	1976
Parity price (\$/bu) 3/	3.32	3.87	4.54	4.83
Support price (\$/bu)	3.39	--	--	--
Payment rate (\$/bu)	--	--	--	--
Payment (\$)	--	--	--	--
Marketing certificates:				
Value of domestic (\$/bu)	26/ 0.68	Suspended	Suspended	Suspended
Amount of domestic (mil bu)	--	--	--	--
Value of export (\$/bu)	--	--	--	--
Amount of export (mil bu)	--	--	--	--
Target price (\$/bu)	--	2.05	2.05	2.29
Deficiency payment: 4/	--	--	--	--
Advance payment (\$/bu)	--	--	--	--
Final payment (\$/bu)	--	--	--	--
Allocation factor (%) 5/	--	--	--	--
Nonrecourse loan rate:				
Basic rate (\$/bu) 6/	1.25	1.37	1.37	2.25
Adjusted rate (\$/bu) 8/	--	--	--	--
CCC domestic sales: 9/				
Legislated minimum (\$/bu) 10/	3.56+CC	2.36+Adj+CC	2.36+Adj+CC	2.63+Adj+CC
Actual price (\$/bu) 11/	4.64	4.43	4.90	None
Farmer-owned reserve:				
Loan rate (\$/bu)	--	--	--	--
Release level (\$/bu)	--	--	--	--
Call level (\$/bu)	--	--	--	--
Storage payment (\$/bu)	--	--	--	--
Immediate entry	--	--	--	--
Ceiling (mil bu)	--	--	--	--
Floor (mil bu)	--	--	--	--
Food Security reserve (mil bu)	--	--	--	--
Acreage diversion (%)	--	--	--	--
Payment rate (\$/bu)	--	--	--	--
Payment (\$)	--	--	--	--
Acreage diversion optional (%)	--	--	--	--
Payment rate (\$/bu)	--	--	--	--
Payment (\$)	--	--	--	--
Set-aside (%)	86	None	None	None
Payment rate (\$/bu)	Value of cert.	--	--	Def
Payment (\$)	0.68*Yld*Alt	Def*Yld*Alt	Def*Yld*Alt	0.00*Yld*Allot
Set-aside voluntary (%)	150	--	--	--
Payment rate (\$/bu)	0.88	--	--	--
Payment (\$)	0.88*Yld*Vol	--	--	--
Acreage reduction (%)	--	--	--	--
Payment rate (\$/bu)	--	--	--	--
Payment (\$)	--	--	--	--
Acreage reduction voluntary (%)	--	--	--	--
Payment rate (\$/bu)	--	--	--	--
Payment (\$)	--	--	--	--
PIK acreage diversion (%)	--	--	--	--
Payment rate (bu)	--	--	--	--
Payment (bu)	--	--	--	--
Compliance restrictions:				
Soil conserving base 12/	Yes	No	No	No
Cross compliance 13/	No	No	No	No
Offsetting compliance 14/	Yes	Yes	Yes	No
Normal crop acreage 15/	--	--	--	--
National marketing quota (mil bu)	None	Suspended	Suspended	Suspended
Marketing quota penalty (\$/bu)	None	Suspended	Suspended	Suspended

See footnotes at end of table.

Continued--

Appendix table 12--Provisions of wheat programs, 1961-90--Continued

Provision	1973	1974	1975	1976
National allotment acres (mil):				
Wheat	--	28/ 55.0	28/ 53.5	28/ 61.6
Wheat domestic	28/ 18.7	--	--	--
National program acres (mil)	--	--	--	--
National base acres (mil):				
Wheat	--	--	--	--
Wheat base in CRP	--	--	--	--
National program yield (bu/ac)	31.0	32.6	32.8	33.1
Disaster program: 19/				
Prevented plantings payment (\$/bu)	--	0.68	0.68	0.76
Low yield criterion (%)	--	Less than normal	Less than normal	Less than normal
Low yield payment (\$/bu)	--	0.68 on the shortfall	0.68 on the shortfall	0.76 on the shortfall
Payment limitation (\$)	--	--	--	--
Advanced payment (%)	--	--	--	--
Support payment limitation (\$)	29/ 55,000	30/ 20,000	30/ 20,000	30/ 20,000

See footnotes at end of table.

Continued--

Appendix table 12--Provisions of wheat programs, 1961-90--Continued

Provision	1977	1978	1979	1980
Parity price (\$/bu) 3/	5.09	5.27	5.95	6.46
Support price (\$/bu)	--	--	--	--
Payment rate (\$/bu)	--	--	--	--
Payment (\$)	--	--	--	--
Marketing certificates:				
Value of domestic (\$/bu)	Suspended	Suspended	Suspended	Suspended
Amount of domestic (mil bu)	--	--	--	--
Value of export (\$/bu)	--	--	--	--
Amount of export (mil bu)	--	--	--	--
Target price (\$/bu)	2.90	3.40	31/ 3.40	32/ 3.63/3.08
Deficiency payment: 4/				
Advance payment (\$/bu)	--	--	--	--
Final payment (\$/bu)	--	0.52	--	--
Allocation factor (%) 5/	--	100	100	100
Nonrecourse loan rate:				
Basic rate (\$/bu) 6/	2.25	2.35	33/ 2.35/2.50	3.00
Adjusted rate (\$/bu) 8/	--	--	--	--
CCC domestic sales: 9/				
Legislated minimum (\$/bu) 10/	3.36+Adj+CC	4.23	34/ 33/ 4.23/4.75	5.83
Actual price (\$/bu) 11/	None	None	None	None
Farmer-owned reserve:				
Loan rate (\$/bu)	2.25	2.35	33/ 2.35/2.50	35/ 3.00/3.30
Release level (\$/bu)	3.15	3.29	33/ 3.29/3.75	4.20
Call level (\$/bu)	3.94	4.11	33/ 4.11/4.63	5.25
Storage payment (\$/bu)	0.25	0.25	0.25	0.265
Immediate entry	No	No	No	No
Ceiling (mil bu)	36/ 700	36/ 700	36/ 700	--
Floor (mil bu)	300	300	300	--
Food Security reserve (mil bu)	--	220	220	150
Acreage diversion (%)	--	--	--	--
Payment rate (\$/bu)	--	--	--	--
Payment (\$)	--	--	--	--
Acreage diversion optional (%)	--	--	--	--
Payment rate (\$/bu)	--	--	--	--
Payment (\$)	--	--	--	--
Set-aside (%)	None	37/ 20	37/ 20	None
Payment rate (\$/bu)	Def	AF*Def	AF*Def	AF*Def
Payment (\$)	0.00*Yld*Allot	0.52*Yld*Plt	0.00*Yld*Plt	0.00*Yld*Plt
Set-aside voluntary (%)	--	38/ 20	38/ 15	39/ 0
Payment rate (\$/bu)	--	Def	Def	Def
Payment (\$)	--	0.52*Yld*Plt	0.00*Yld*Plt	0.00*Yld*Plt
Acreage reduction (%)	--	--	--	--
Payment rate (\$/bu)	--	--	--	--
Payment (\$)	--	--	--	--
Acreage reduction voluntary (%)	--	--	--	--
Payment rate (\$/bu)	--	--	--	--
Payment (\$)	--	--	--	--
PIK acreage diversion (%)	--	--	--	--
Payment rate (bu)	--	--	--	--
Payment (bu)	--	--	--	--
Compliance restrictions:				
Soil conserving base 12/	No	No	No	No
Cross compliance 13/	No	40/ Yes	40/ Yes	No
Offsetting compliance 14/	No	41/ Yes	41/ Yes	No
Normal crop acreage 15/	--	Yes	Yes	Yes
National marketing quota (mil bu)	Suspended	Suspended	Suspended	Suspended
Marketing quota penalty (\$/bu)	Suspended	Suspended	Suspended	Suspended

See footnotes at end of table.

Continued--

Appendix table 12--Provisions of wheat programs, 1961-90--Continued

Provision	1977	1978	1979	1980
National allotment acres (mil):				
Wheat	26/ 62.2	--	--	--
Wheat domestic	--	--	--	--
National program acres (mil)	--	42/ 58.8/58.8	42/ 57.1/70.1	42/ 70.0/75.0
National base acres (mil):				
Wheat	--	--	--	--
Wheat base in CRP	--	--	--	--
National program yield (bu/ac)	32.0	31.3	32.4	33.7
Disaster program: 19/				
Prevented plantings payment (\$/bu)	0.97	1.13 on 75% normal yld	1.13 on 75% normal yld	32/ 1.21/1.03 on 75% normal yld
Low yield criterion (%)	Less than normal	60% of normal	60% of normal	60% of normal
Low yield payment (\$/bu)	0.97 on the shortfall	1.70 on the shortfall	1.70 on the shortfall	1.82/1.54 on the shortfall
Payment limitation (\$)	--	--	--	43/ 100,000
Advanced payment (%)	--	--	--	--
Support payment limitation (\$)	30/ 20,000	44/ 40,000	44/ 45,000	45/ 50,000

See footnotes at end of table.

Continued--

Appendix table 12--Provisions of wheat programs, 1961-90--Continued

Provision	1981	1982	1983	1984
Parity price (\$/bu) 3/	7.08	7.26	7.39	7.51
Support price (\$/bu)	--	--	--	--
Payment rate (\$/bu)	--	--	--	--
Payment (\$)	--	--	--	--
Marketing certificates:				
Value of domestic (\$/bu)	--	--	--	--
Amount of domestic (mil bu)	--	--	--	--
Value of export (\$/bu)	--	--	--	--
Amount of export (mil bu)	--	--	--	--
Target price (\$/bu)	3.81	4.05	4.30	4.38
Deficiency payment: 4/				
Advance payment (\$/bu)	--	0	0.325	--
Final payment (\$/bu)	0.15	0.50	0.65	1.00
Allocation factor (%) 5/	100	46/ NA	46/ NA	46/ NA
Nonrecourse loan rate:				
Basic rate (\$/bu) 6/	3.20	3.55	3.65	3.30
Adjusted rate (\$/bu) 8/	--	--	--	--
CCC domestic sales: 9/				
Legislated minimum (\$/bu) 10/	4.88	5.12	47/ 5.12/4.90	4.90
Actual price (\$/bu) 11/	6.72	7.04	6.57	5.61
Farmer-owned reserve:				
Loan rate (\$/bu)	48/ 3.50	49/ 4.00	47/ 3.65/3.65	3.30
Release level (\$/bu)	48/ 4.65	49/ 4.65	47/ 4.65/4.45	4.45
Call level (\$/bu)	48/ 4.65	--	--	--
Storage payment (\$/bu)	0.265	0.265	0.265	0.265
Immediate entry	No	Yes	No	No
Ceiling (mil bu)	--	No	No	50/ Could be
Floor (mil bu)	--	--	--	--
Food Security reserve (mil bu)	4	4	4	4
Acreage diversion (%)	--	--	5	10
Payment rate (\$/bu)	--	--	2.70	2.70
Payment (\$)	--	--	2.70*Yld*Div	2.70*Yld*Div
Acreage diversion optional (%)	--	--	--	--
Payment rate (\$/bu)	--	--	--	--
Payment (\$)	--	--	--	--
Set-aside (%)	None	--	--	--
Payment rate (\$/bu)	AF*Def	--	--	--
Payment (\$)	0.15*Yld*Plt	--	--	--
Set-aside voluntary (%)	39/ 0	--	--	--
Payment rate (\$/bu)	Def	--	--	--
Payment (\$)	0.15*Yld*Plt	--	--	--
Acreage reduction (%)	--	15	15	20
Payment rate (\$/bu)	--	Def	Def	Def
Payment (\$)	--	0.50*Yld*Plt	0.65*Yld*Plt	1.00*Yld*Plt
Acreage reduction voluntary (%)	--	--	--	--
Payment rate (\$/bu)	--	--	--	--
Payment (\$)	--	--	--	--
PIK acreage diversion (%)	--	--	51/ 10-30	10-20
Payment rate (bu)	--	--	95% of yield	85% of yield
Payment (bu)	--	--	.95*Yld*Div	.85*Yld*Div
Compliance restrictions:				
Soil conserving base 12/	No	No	No	No
Cross compliance 13/	No	No	No	No
Offsetting compliance 14/	No	No	No	No
Normal crop acreage 15/	No	46/ NA	46/ NA	46/ NA
National marketing quota (mil bu)	Suspended	Suspended	Suspended	Suspended
Marketing quota penalty (\$/bu)	Suspended	Suspended	Suspended	Suspended

See footnotes at end of table.

Continued--

Appendix table 12--Provisions of wheat programs, 1961-90--Continued

Provision	1981	1982	1983	1984
National allotment acres (mil):				
Wheat	--	--	--	--
Wheat domestic	--	--	--	--
National program acres (mil)	42/ 71.0/84.5	46/ NA	46/ NA	46/ NA
National base acres (mil):				
Wheat	--	90.7	90.9	94.0
Wheat base in CRP	--	--	--	--
National program yield (bu/ac)	34.6	32.5	33.3	33.0
Disaster program: 19/				
Prevented plantings payment (\$/bu)	1.27 on 75% of normal yield	52/ 1.35	52/ 1.43	52/
Low yield criterion (%)	--	--	--	--
Low yield payment (\$/bu)	1.91	52/ 2.03	52/ 2.15	52/
Payment limitation (\$)	43/ 100,000	43/ 100,000	43/ 100,000	43/ 100,000
Advanced payment (%)	--	--	50	No
Support payment limitation (\$)	45/ 50,000	45/ 50,000	53/ 50,000	54/ 50,000

See footnotes at end of table.

Continued--

Appendix table 12--Provisions of wheat programs, 1961-90--Continued

Provision	1985	1986 56/	1987	1988
Parity price (\$/bu) 3/	7.09	6.72	6.72	7.07
Support price (\$/bu)	--	--	--	--
Payment rate (\$/bu)	--	--	--	--
Payment (\$)	--	--	--	--
Marketing certificates:				
Value of domestic (\$/bu)	--	--	--	--
Amount of domestic (mil bu)	--	--	--	--
Value of export (\$/bu)	--	--	--	--
Amount of export (mil bu)	--	--	--	--
Target price (\$/bu)	4.38	4.38	4.38	4.23
Deficiency payment: 4/				
Advance payment (\$/bu)	0.54	0.732/0.183	0.84	0.612
Final payment (\$/bu)	1.08	1.98	1.81	0.69
Allocation factor (%) 5/	46/ NA	46/ NA	46/ NA	46/ NA
Nonrecourse loan rate:				
Basic rate (\$/bu) 6/	3.30	3.00	2.85	2.76
Adjusted rate (\$/bu) 8/	--	2.40	2.28	2.21
CCC domestic sales: 9/				
Legislated minimum (\$/bu) 10/	4.90	4.95	4.81	4.65
Actual price (\$/bu) 11/	5.45	5.45	5.34	5.26
Farmer-owned reserve:				
Loan rate (\$/bu)	3.30	2.40	2.28	2.21
Release level (\$/bu)	4.45	4.45	4.38	4.23
Call level (\$/bu)	--	--	--	--
Storage payment (\$/bu)	0.265	0.265	0.265	0.265
Immediate entry	No	No	No	57/ No
Ceiling (mil bu)	50/ Could be	58/ Yes	58/ Yes	Yes
Floor (mil bu)	--	--	--	--
Food Security reserve (mmt)	4	4	4	--
Acreage diversion (%)	10	2.5	--	--
Payment rate (\$/bu)	2.70	1.10	--	--
Payment (\$)	2.70*Yld*Div	1.10*Yld*Div	--	--
Acreage diversion optional (%)	--	59/ 5 or 10	--	--
Payment rate (\$/bu)	--	2.00	--	--
Payment (\$)	--	2.00*Yld*Div	--	--
Set-aside (%)	--	--	--	--
Payment rate (\$/bu)	--	--	--	--
Payment (\$)	--	--	--	--
Set-aside voluntary (%)	--	--	--	--
Payment rate (\$/bu)	--	--	--	--
Payment (\$)	--	--	--	--
Acreage reduction (%)	20	22.5	27.5	27.5
Payment rate (\$/bu)	Def	Def	Def	Def
Payment (\$)	1.08*Yld*Plt	1.98*Yld*Plt	1.78*Yld*Plt	1.53*Yld*Plt
Acreage reduction voluntary (%)	--	60/ 50-92 rule	60/ 50-92 rule	61/ 0-92 rule
Payment rate (\$/bu)	--	Def	Def	Def
Payment (\$)	--	1.8216*Yld*Base	1.638*Yld*Base	1.408*Yld*Base
PIK acreage diversion (%)	--	--	--	--
Payment rate (bu)	--	--	--	--
Payment (bu)	--	--	--	--
Compliance restrictions:				
Soil conserving base 12/	No	No	No	No
Cross compliance 13/	No	No	62/ Limited	62/ Limited
Offsetting compliance 14/	No	No	No	No
Normal crop acreage 15/	46/ NA	46/ NA	46/ NA	46/ NA
National marketing quota (mil bu)	Suspended	Suspended	Suspended	Suspended
Marketing quota penalty (\$/bu)	Suspended	Suspended	Suspended	Suspended

See footnotes at end of table.

Continued--

Appendix table 12--Provisions of wheat programs, 1961-90--Continued

Provision	1985	1986 56/	1987	1988
National allotment acres (mil):				
Wheat	--	--	--	--
Wheat domestic	--	--	--	--
National program acres (mil)	46/ NA	46/ NA	46/ NA	46/ NA
National base acres (mil):				
Wheat	94.0	91.6	87.6	84.8
Wheat base in CRP	--	0.6	4.2	7.1
National program yield (bu/ac)	35.0	63/ 35.0	63/ 35.0	63/ 35.0
Disaster program: 19/				
Prevented plantings payment (\$/bu)	52/	52/	52/	52/
Low yield criterion (%)	--	--	--	--
Low yield payment (\$/bu)	52/	52/	52/	52/
Payment limitation (\$)	43/ 100,000	43/ 100,000	64/ Yes	64/ Yes
Advanced payment (%)	50	65/ 40/100	66/ 40/50	67/ 40/100
Support payment limitation (\$)	55/ 50,000	69/ 50,000	70/ 50,000	70/ 50,000

See footnotes at end of table.

Continued--

Appendix table 12--Provisions of wheat programs, 1961-90--Continued

Provision	1989	1990
Parity price (\$/bu) 3/	--	--
Support price (\$/bu)	--	--
Payment rate (\$/bu)	--	--
Payment (\$)	--	--
Marketing certificates:		
Value of domestic (\$/bu)	--	--
Amount of domestic (mil bu)	--	--
Value of export (\$/bu)	--	--
Amount of export (mil bu)	--	--
Target price (\$/bu)	4.10	4.00
Deficiency payment: 4/		
Advance payment (\$/bu)	0.20	--
Final payment (\$/bu)	--	--
Allocation factor (%) 5/	46/ NA	46/ NA
Nonrecourse loan rate:		
Basic rate (\$/bu) 6/	2.58	2.44
Adjusted rate (\$/bu) 8/	2.06	1.95
CCC domestic sales: 9/		
Legislated minimum (\$/bu) 10/	--	--
Actual price (\$/bu) 11/	--	--
Farmer-owned reserve:		
Loan rate (\$/bu)	2.06	--
Release level (\$/bu)	--	--
Call level (\$/bu)	--	--
Storage payment (\$/bu)	0.265	--
Immediate entry	57/ No	--
Ceiling (mil bu)	Yes	--
Floor (mil bu)	--	--
Food Security reserve (mil bu)	--	--
Acreage diversion (%)	--	--
Payment rate (\$/bu)	--	--
Payment (\$)	--	--
Acreage diversion optional (%)	--	--
Payment rate (\$/bu)	--	--
Payment (\$)	--	--
Set-aside (%)	--	--
Payment rate (\$/bu)	--	--
Payment (\$)	--	--
Set-aside voluntary (%)	--	--
Payment rate (\$/bu)	--	--
Payment (\$)	--	--
Acreage reduction (%)	10	.5
Payment rate (\$/bu)	Def	Def
Payment (\$)	0.50*Yld*Plt	Def*Yld*Plt
Acreage reduction voluntary (%)	61/ 0-92 rule	--
Payment rate (\$/bu)	Def	--
Payment (\$)	0.46*Yld*Base	--
PIK acreage diversion (%)	--	--
Payment rate (bu)	--	--
Payment (bu)	--	--
Compliance restrictions:		
Soil conserving base 12/	No	No
Cross compliance 13/	62/ Limited	--
Offsetting compliance 14/	No	--
Normal crop acreage 15/	46/ NA	46/ NA
National marketing quota (mil bu)	Suspended	Suspended
Marketing quota penalty (\$/bu)	Suspended	Suspended

See footnotes at end of table.

Continued--

Appendix table 12--Provisions of wheat programs, 1961-90--Continued

Provision	1989	1990
National allotment acres (mil):		
Wheat	--	--
Wheat domestic	--	--
National program acres (mil)	46/ NA	46/ NA
National base acres (mil):		
Wheat	82.4	--
Wheat base in CRP	8.4	--
National program yield (bu/ac)	63/ 35.0	--
Disaster program: 19/		
Prevented plantings payment (\$/bu)	52/	52/
Low yield criterion (%)	--	--
Low yield payment (\$/bu)	52/	52/
Payment limitation (\$)	64/ Yes	64/ Yes
Advanced payment (%)	68/ 40	40
Support payment limitation (\$)	70/ 50,000	70/ 50,000

Footnotes for Appendix table 12--Provisions of wheat programs, 1961-90.

- 1/ Price support made available to program compliers in nondesignated commercial areas at 75 percent of the level available to compliers in the designated commercial area.
- 2/ Program available only in the designated commercial wheat producing area.
- 3/ Average parity price of wheat for May.
- 4/ Deficiency payment is the difference between the target price and the higher of the 5-month national weighted average market price received by farmers or the loan rate. Starting in 1986, a supplementary (loan) deficiency payment was authorized as the difference between the basic loan rate and the higher of the adjusted loan rate or the national weighted average market price received by farmers for the entire marketing year.
- 5/ The allocation factor, ranging from 80 to 100, is determined by dividing national program acres by number of acres harvested.
- 6/ Before 1985 legislation, this is the national average loan rate. Under the 1985 Act, this is the basic loan rate as determined by the legislated formula.
- 7/ Noncertified wheat grown by program participants eligible for price support loans.
- 8/ This is the loan rate after adjustment by the Secretary as authorized by the 1985 Act in order to make U.S. wheat competitive in export markets.
- 9/ Sales made at fixed prices or through competitive bids.
- 10/ In any event, the CCC cannot sell stockholdings for less than the going market price.
- 11/ Simple average of actual sales.
- 12/ Producers must maintain a soil conserving base in addition to planting diverted acres to conserving use.
- 13/ Producers must be in compliance with programs for all program crops planted on the farm.
- 14/ Producers must be in compliance with wheat program requirements on other farms they own or have an interest in.
- 15/ The total acres of crops in the normal crop acreage (NCA) -- barley, corn, dry edible beans, flax, oats, rice, rye, sorghum, soybeans, sugarbeets, sugar cane, sunflowers, upland cotton, and wheat -- planted on a farm plus acres set-aside cannot exceed a farm's NCA.
- 16/ May avoid penalty by storing or delivering excess to the Secretary in accordance with regulations.
- 17/ May overplant allotment by no more than 50 percent without penalty, provided that the excess is stored under bond.
- 18/ Wheat and feed grain (including oats and rye) acreage substitution allowed if producer is signed up for both programs.
- 19/ Bad weather or unavoidable hazard.
- 20/ Price support income and full allotment of certificates is assured regardless of drought, hail, excess moisture, or other crop damage.
- 21/ By planting 45 percent of the allotment and meeting other requirements, participants eligible for maximum number of certificates.
- 22/ By planting 35 percent of the allotment and meeting other requirements, participants eligible for maximum number of certificates.
- 23/ By planting 40 percent of the allotment and meeting other requirements, participants eligible for maximum number of certificates.
- 24/ By planting 43 percent of the allotment and meeting other requirements, participants eligible for maximum number of certificates.
- 25/ By planting 48 percent of the allotment and meeting other requirements, participants eligible for maximum number of certificates.
- 26/ Face value set at the difference between 100 percent of parity and the national average market price received over the first 5 months of the marketing year.
- 27/ Producers of winter wheat, which have already planted, must designate acreage for set-aside that is already planted to wheat. This acreage may be grazed or otherwise must be disposed of before certification dates.
- 28/ Producers do not have to plant wheat to qualify for program benefits. Failure to plant at least 90 percent of farm allotment to an authorized crop may result in as much as a 20-percent reduction in the allotment for the following year. If no wheat planted for 3 consecutive years, the entire allotment is lost.
- 29/ Applies to wheat program and public access payments, but not to loans or purchases.
- 30/ Applies to total amount of payments that a person can receive under a combination of the wheat, feed grain, and upland cotton programs but does not apply to payments for public access, loans, and purchases.
- 31/ The target price level was increased above the levels authorized in the 1977 Act to compensate producers for participation in the set-aside program.
- 32/ Target price for farmers who plant within their normal crop acreage (NCA) is \$3.63, otherwise it is \$3.08.
- 33/ Announced before (Reserve I)/announced following the suspension of exports to the Soviet Union in January 1980 (Reserve II).
- 34/ Secretary stated that wheat will not be offered for sale until the wheat in reserve has been called. Then the minimum sales price would be the higher of 180 percent of the loan rate or market price.
- 35/ Announced before/effective after passage of Agricultural Act of 1980 on December 3, 1980 (Reserve III).
- 36/ May be adjusted upward to meet any U.S. commitment to an international agreement on grain reserves.

- 37/ Set-aside based on current plantings.
- 38/ Voluntary set-aside requirement applies to previous year's plantings.
- 39/ By holding plantings at or below previous year levels, farmers will be guaranteed 100-percent target price coverage. That is, their program payment would not be reduced by the allocation factor.
- 40/ Cross compliance requires farmers to comply with set-aside and NCA requirements for all crops in order to become eligible for program benefits on any crop in their farms' NCA.
- 41/ Offsetting compliance requires that to qualify for program benefits for crops included in the NCA on participating farms, landlords, landowners, and operators must assure that the NCA is not exceeded on any nonparticipating farms they own or operate that produce a set-aside crop.
- 42/ Preliminary/final announced national program acres.
- 43/ Limit to disaster payments per person for all programs.
- 44/ Total amount of payments a person can receive under a combination of wheat, feed grain, and upland cotton programs. The limitation does not apply to loans or purchases, or to payments for either prevented plantings or low yield disaster loss.
- 45/ Total amount of payments a person can receive under a combination of the wheat, feed grain, rice, and upland cotton programs. The limitation does not apply to loans or purchases, or to payments for either prevented plantings or low yield disaster loss.
- 46/ Normal crop acreages, national program acreages, allocation factors, and voluntary reduction provisions are not applicable when acreage reduction programs are in effect.
- 47/ Before January 19 (Reserve V)/on or after January 19 (Reserve VI).
- 48/ For grain entered after July 23 (Reserve IV).
- 49/ For grain entered during 1982 marketing year (Reserve V), as announced January 29, 1982.
- 50/ If a cap is imposed, it cannot be less than 700 million bushels.
- 51/ An alternative for the farmer is withdrawing the whole base from production, with the producer bidding the percentage of program yield up to a maximum of 95 percent. However, bids would not be accepted, which would cause the combined acreage taken out of production under the acreage reduction, cash diversion, and PIK programs to exceed 45 percent of the county's total acreage.
- 52/ Available only to producers for whom Federal crop insurance is not available.
- 53/ Total amount of payments a person can receive under a combination of wheat, feed grain, rice, and upland cotton programs. The limitation does not apply to loans, purchases, or PIK.
- 54/ Total amount of payments, including PIK, a person can receive under a combination of wheat, feed grain, rice, upland cotton, and extra-long staple cotton programs. The limitation does not apply to loans or purchases.
- 55/ Total amount of payments a person can receive under a combination of the wheat, feed grain, rice, upland cotton, and extra long staple cotton programs. The limitation does not apply to loans or purchases.
- 56/ All cash payments subject to reductions of 4.3 percent, Gramm-Rudman-Hollings Act.
- 57/ When 9-month loans mature, entry in the farmer-owned reserve will be permitted only if reserve quantities of wheat fall below 300 million bushels, and farm prices do not exceed 140 percent of the current loan rate.
- 58/ If the quantity of wheat in the farmer-owned reserve exceeds 17 percent of the estimated wheat usage for the crop year, entry of the crop wheat into the reserve will not be permitted.
- 59/ Winter wheat producers have the option of an additional 5 or 10 percent paid land diversion, with a payment rate of \$2.00.
- 60/ Under the 50-92 rule, growers who plant between 50 and 92 percent of the permitted acreage to feed grains and devote the remaining permitted acres to a conserving use are eligible to receive deficiency payments on 92 percent of the permitted acreage.
- 61/ Under the 0-92 rule, growers who plant between 0 and 92 percent of the permitted acreage to feed grains and devote the remaining permitted acres to a conserving use, are eligible to receive deficiency payments on 92 percent of the permitted acreage.
- 62/ To be eligible for benefits for a participating wheat, feed grain, upland cotton, or rice crop, the acreage planted for harvest (or approved as prevented plantings) on a farm in other nonparticipating program crops, excluding extra-long staple cotton and oats, may not exceed the crop acreage bases of these crops. Oats and extra-long staple cotton are not subject to limited cross compliance requirements.
- 63/ Average of the program payment yields for 1981-85 crops, excluding the high and the low.
- 64/ The total of the following payments, combined with the total deficiency and diversion payments, is limited to \$250,000 per person: (1) disaster payments; (2) gain realized by repayment of a loan at a lower level than the original loan level; (3) any deficiency payment for wheat or feed grains attributed to a reduction in the statutory loan rate; (4) any loan deficiency payment; (5) any inventory reduction payment; and (6) any payment representing compensation for resource adjustment or public access for recreation.
- 65/ At signup, participants may request 40 percent (75 percent in cash and 25 percent in generic certificates) of their projected 1986 deficiency payments and 100 percent of their diversion payments. A second advance was authorized in August 1986 permitting participants to request an additional 10 percent of their projected deficiency payments in generic certificates.
- 66/ At signup, participants may request 40 percent (50 percent in cash and 50 percent in generic certificates) of their projected 1987 deficiency payments and 50 percent (50 percent in cash and 50 percent in generic certificates) of their diversion payments.
- 67/ At signup, participants may request 40 percent (50 percent in cash and 50 percent in generic certificates) of their projected 1988 deficiency payments and 100 percent (100 percent in generic certificates) of their diversion payments.

68/ At signup, participants may request 40 percent of their projected 1989 deficiency payments in cash.

69/ Total payments a person can receive under any combination of wheat, feed grain, rice, upland cotton, and extra-long staple cotton programs. The limitation does not apply to loans, purchases, loan deficiency payments, first handler certificates, inventory protection certificates, or deficiency payments resulting from lowering the basic (statutory) loan rate.

70/ Total deficiency and diversion payments a person can receive under a combination of wheat, feed grain, upland cotton, extra long staple cotton, and rice programs.

Source: Green, Robert C. A Database for Support Programs of Program Crops, 1961-90. Staff Report (forthcoming). U.S. Dept. Agr., Econ. Res. Serv.

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