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PUBLICATIONS CONTAINING RECENT FARM
ENTERPRISE INPUT-OUTPUT DATA



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Farm Production Economics Division
Economic Research Service
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PUBLICATIONS CONTAINING RECENT FARM
ENTERPRISE INPUT-OUTPUT DATA

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INTRODUCTION

The purpose of this report is to provide a current list of publications which include recent farm enterprise input-output data. The list was developed from publications assembled by various State Agricultural Experiment Stations and Farm Production Economics Division personnel.

Reports containing recent data are defined as those for which the year of data is 1956 or later. If the year of data was not identified, the year of publication was used. For a few references in which neither the year of data nor the year of publication was given, inclusion or exclusion from the list was based on judgment.

Reports which included cost data but did not include physical data on inputs and outputs were not included in the list.

Anyone desiring copies of listed reports should contact the publisher directly, as copies are not available from the Farm Production Economics Division.

EXPLANATION OF TABLES AND REFERENCE LIST

The list of references (following the tables) is arranged alphabetically by State and author. The references are numbered in sequence. Where known, the year of data is shown in parenthesis at the end of the publication identification.

The tables were designed to facilitate use of the reference list. Table 1 shows separate enterprises included under the general headings. For example, if it is desired to know if food grains include references on rice as a separate enterprise this can be determined by looking under the food grain column of table 1. Table 2 shows the numerical sequence of references for each State. For example, reference numbers 1 through 9 pertain to Alabama. Table 3 identifies, by number, the items in the reference list that give specified kinds of input-output data for each enterprise or enterprise group.

Suppose, for example, that information is needed on man labor for food grains in Alabama. Table 2 shows that the Alabama reference numbers are 1 through 9. Under "Food grains--man labor," in table 3, reference numbers 1 and 7 appear. If it is further desired to know if these references contain information on wheat, one has only to look under "Food grains--wheat" to find that the two numbers are listed there also.

Table 1.--Enterprises in specified crop and miscellaneous groups

Feed grains	Food grains	Fruits and nuts	Hay and forage	Oil crops	Vegetable	Miscellaneous	
Barley	:Buckwheat	:Apples	:Fodder:	Pasture:	:Castor beans	:Asparagus	:Broomcorn
Corn	:Rice	:Blackberries	: Corn	Alfalfa	:Flax	:Beans:	:Coffee
Millet	:Rye	:Blueberries	: Sorghum	Bahiagrass:	Peanuts	: Blackeye	:Conservation
Milo	:Wheat	:Cherries:	:Hay:	Bermuda	:Sesame	: Dry	:Fallow
Oats	:	: Sour	: Alfalfa	Clover	:Soybeans	: Kidney	:Honey
Sorghum	:	: Sweet	: Bermuda	Fescue	:	: Lima	:Irrigation
:	:	:Currants	: Brome	Lespedeza	:	: Snap	:Molasses
:	:	:Gooseberries	: Clover	Millet	:	:Beets	:Performance Rates
:	:	:Grapes	: Hegari	Mixed	:	:Broccoli	:Range Reseeding
:	:	:Papayas	: Lespedeza	Oat	:	:Cabbage	:Seed:
:	:	:Peaches	: Meadow	Prairie	:	:Cantaloupes	: Alfalfa
:	:	:Pears	: Mixed	Ryegrass	:	:Carrots	: Clover
:	:	:Pecans	: Native	Sericea	:	:Cauliflower	: Lespedeza
:	:	:Plums	: Oat	Sudan	:	:Celery	:Timber
:	:	:Prunes	: Panicum	Silage:	:	:Corn, Sweet	:Turkeys
:	:	:Raspberries	: Prairie	Corn	:	:Cucumbers	:
:	:	:Strawberries	: Sericea	Grass	:	:Greens	:
:	:	:	: Sorghum	Mixed	:	:Lettuce	:
:	:	:	: Soybean	Oat	:	:Mixed	:
:	:	:	: Sudan	Pea	:	:Okra	:
:	:	:	:	Sorghum	:	:Onions, Dry	:
:	:	:	:	Sudan	:	:Peas:	:
:	:	:	:	Straw:	:	: Dry	:
:	:	:	:	Oat	:	: Green	:
:	:	:	:	Wheat	:	:Peppers:	:
:	:	:	:	:	:	: Green	:
:	:	:	:	:	:	:Potatoes:	:
:	:	:	:	:	:	: Irish	:
:	:	:	:	:	:	: Sweet	:
:	:	:	:	:	:	:Shallots	:
:	:	:	:	:	:	:Spinach	:
:	:	:	:	:	:	:Squash	:
:	:	:	:	:	:	:Tomatoes	:
:	:	:	:	:	:	:Watermelons	:

Table 2.--Range of reference list numbers by States

State	Range	State	Range	State	Range
Alabama.....	1 - 9	: Louisiana.....	101 - 113	: Ohio.....	260 - 270
Alaska.....	10 - 11	: Maine.....	114 - 119	: Oklahoma.....	271 - 284
Arizona.....	12 - 14	: Maryland.....	120 - 122	: Oregon.....	285
Arkansas.....	15 - 22	: Massachusetts.....	---	: Pennsylvania.....	286 - 289
California.....	23 - 42	: Michigan.....	123 - 132	: Rhode Island.....	290 - 292
Colorado.....	43 - 44	: Minnesota.....	133 - 143	: South Carolina.....	293 - 302
Connecticut.....	45 - 48	: Mississippi.....	144 - 146	: South Dakota.....	303 - 306
Delaware.....	49 - 50	: Missouri.....	147 - 150	: Tennessee.....	307 - 309
Florida.....	51 - 55	: Montana.....	151 - 157	: Texas.....	310 - 326
Georgia.....	56 - 61	: Nebraska.....	158 - 165	: Utah.....	327 - 334
Hawaii.....	62 - 68	: Nevada.....	166 - 169	: Vermont.....	335 - 337
Idaho.....	69 - 73	: New Hampshire.....	170	: Virginia.....	338 - 330
Illinois.....	74 - 83	: New Jersey.....	171 - 177	: Washington.....	340 - 348
Indiana.....	84 - 87	: New Mexico.....	178 - 190	: West Virginia.....	349
Iowa.....	88 - 89	: New York.....	191 - 233	: Wisconsin.....	350 - 353
Kansas.....	90 - 99	: North Carolina.....	234 - 246	: Wyoming.....	354
Kentucky.....	100	: North Dakota.....	247 - 259	:	:

Table 3.--Guide to reference list: Specified kind of input and associated output, by enterprise

Enterprise and type of data		Reference number				Enterprise and type of data		Reference number			
COTRPS											
Cotton:						Feed grains:					
Man labor-----	6	108	245	311		Barley-----	10	161	221	284	
	2	109	274	312			11	205	245	320	
	5	110	277	313			31	208	248	321	
	7	111	279	314			43	212	249	323	
	19	146	280	318			149	213	252	334	
	29	149	294	320			154	214	253	343	
	42	150	295	321			155	215	259	347	
	56	179	298	323			156	219	270	354	
	59	181	299	324			157	220	283		
	61	186	308	325							
	104	236	309	326		Corn-----	1	107	164	253	
	106	241	310				5	108	165	270	
							7	109	205	284	
Power-----	1	106	274	313			20	112	206	294	
	7	109	277	314			33	120	208	299	
	19	110	279	315			43	128	212	304	
	29	146	280	318			50	133	213	305	
	42	150	294	320			58	139	214	306	
	56	179	295	321			59	140	215	308	
	58	186	298	323			61	141	219	309	
	59	236	310	324			74	142	220	310	
	61	241	311	325			76	143	221	311	
	104	245	312	326			79	146	236	313	
							89	149	240	321	
Other machinery-----	1	61	236	279			92	158	242	323	
	7	106	241	280			98	159	245	324	
	56	109	274	294			104	160	248	325	
	59	146	277				105	161	249	349	
							106	163	252	351	
Materials and services-----	1	104	277	314		Millet-----	252				
	2	106	279	315							
	7	109	280	318		Milo-----	24	164	308		
	19	110	294	320			163	240	309		
	29	146	298	321							
	42	236	310	323							
	56	241	311	324		Oats-----	1	107	206	270	
	59	245	312	325			7	108	208	276	
	61	274	313	326			11	109	212	277	
							20	113	213	280	
Associated output----	1	108	241	313			59	128	214	284	
	2	109	245	314			61	133	215	298	
	7	110	274	315			74	139	219	320	
	19	111	277	318			76	146	220	321	
	29	146	279	320			79	149	221	323	
	42	149	280	321			89	161	245	325	
	56	150	294	323			104	162	248	326	
	59	179	298	324			105	164	249	354	
	61	181	310	325			106	165	253		
	104	186	311	326							
	106	236	312			Small grains-----	18	140	143	308	
							58	141	295	309	
							120	142	306	351	

Table 3.--Guide to reference list: Specified kind of input and associated output, by enterprise
--Continued

CROPS

Enterprise and type of data	Reference number	Enterprise and type of data	Reference number
Feed grains--Con.:		Materials and services-----	
Sorghum-----	1 92 283 312		1 106 212 296
	5 146 284 313		7 107 213 298
	7 159 296 318		10 109 214 310
	15 161 298 320		11 112 236 311
	26 162 304 321		15 113 245 312
	27 165 305 323		20 128 248 313
	59 274 310 325		24 142 249 318
	61 279 311		26 146 252 320
			27 154 253 321
			31 155 259 323
Man labor-----	1 108 208 296		33 156 274 324
	5 109 212 298		43 158 276 325
	7 112 213 299		59 159 277 334
	10 113 214 304		61 160 280 343
	11 128 215 305		74 165 283 347
	15 133 219 306		98 205 284 349
	18 139 220 308		104 208 294 354
	20 140 221 309		105
	24 141 236 310		
	26 142 240 311	Associated output----	1 106 165 294
	27 143 242 312		7 107 205 296
	31 146 245 313		10 108 206 298
	33 149 248 318		11 109 208 304
	43 154 249 320		15 112 212 305
	50 155 253 321		18 113 213 306
	59 156 259 323		20 120 214 308
	61 157 270 324		24 128 215 310
	74 158 274 325		26 140 236 311
	76 159 276 334		27 141 240 312
	79 160 277 343		31 142 242 313
	89 161 280 347		33 143 245 318
	92 163 283 349		43 146 248 320
	104 165 284 351		50 149 249 321
	106 205 294 354		59 154 252 323
	107 206 295		61 155 253 324
			74 156 259 325
			76 157 274 343
Power-----	1 74 205 310		79 158 276 347
	7 79 236 311		98 159 277 349
	10 104 245 312		104 160 280 354
	11 106 248 313		105 164 284
	18 107 259 318		
	20 109 274 320		
	26 112 277 321	Food grains:	
	27 113 280 323	Buckwheat-----	205
	31 120 284 324		
	33 146 294 325		
	50 154 295 334	Rice-----	22 113 146
	58 155 296 343		109 144 311
	59 156 298 347		
	61 164 306 351		
		Rye-----	162 249 270
			214 252
Other machinery-----	1 109 274 296		
	7 120 277 334		
	59 146 280 343		
	61 236 284 347		
	106 248 294		

Table 3.--Guide to reference list: Specified kind of input and associated output, by enterprise
--Continued

CROPS									
Enterprise and type of data	Reference number				Enterprise and type of data	Reference number			
Food grains--Con.:					Other machinery-----	1	120	277	294
Wheat-----	1	149	219	285		7	146	279	326
	7	152	220	294		59	152	280	334
	18	154	221	295		61	236	284	343
	20	155	236	298		71	248	285	347
	43	156	240	304		109	274		
	58	157	248	305	Materials and				
	59	159	249	306	services-----	1	146	236	294
	61	161	252	308		7	152	248	298
	71	162	253	320		20	154	249	311
	74	163	270	321		22	155	252	320
	76	164	274	323		43	156	253	321
	79	165	276	326		59	159	274	323
	104	205	277	334		61	162	276	326
	120	206	279	343		71	165	277	334
	128	208	280	347		74	205	279	343
	140	212	282	348		104	208	280	347
	141	213	283	349		109	212	283	348
	143	214	284	354		113	213	284	349
	146	215				128	214	285	354
						144			
Man labor-----	1	144	215	285	Associated output----	1	140	208	285
	7	146	219	294		7	141	212	294
	18	149	220	295		18	143	213	298
	20	152	221	298		20	144	214	304
	22	154	236	304		22	146	215	305
	43	155	240	305		43	149	236	306
	59	156	248	306		59	152	240	308
	61	157	249	308		61	154	248	311
	71	159	252	311		71	155	249	320
	74	161	253	320		74	156	252	321
	76	162	270	321		76	157	253	323
	79	163	274	323		79	159	274	326
	104	165	276	326		104	162	276	343
	109	205	277	334		109	164	277	347
	113	206	279	343		113	165	279	348
	128	208	280	347		120	205	280	349
	140	212	282	348		128	206	284	354
	141	213	283	349					
	143	214	284	354					
					Fruits and nuts:				
Power-----	1	109	220	298	Apples-----	117	209	219	228
	7	113	221	306		129	210	220	230
	18	120	236	311		174	211	221	301
	20	144	248	320		205	215	227	342
	22	146	274	321		208			
	58	152	277	323					
	59	154	279	326	Blackberries-----	125			
	61	155	280	334		205			
	71	156	284	343					
	74	164	285	347					
	79	205	294	348					
	104	219	295						

Table 3.--Guide to reference list: Specified kind of input and associated output, by enterprise
 --Continued

CROPS

Enterprise and type of data	Reference number	Enterprise and type of data	Reference number
Fruits and nuts--Con.:		Power-----	20 200 220 233
Cherries:			51 201 221 294
Sour-----	199 209 215 221		62 205 227 301
	205 210 219 230		109 219 228 344
	208 211 220		199
Sweet-----	200 209 215 221	Other machinery-----	109 227 294 344
	205 210 219 230		
	208 211 220	Materials and services-----	20 199 209 233
Currants-----	205		51 200 210 294
			62 201 211 301
Gooseberries-----	205		109 205 227 344
			172 208 228
Grapes-----	20 208 215 221	Associated output-----	20 125 203 228
	202 209 219 230		28 129 205 230
	203 210 220 270		51 172 208 233
	205 211		62 174 209 294
Papayas-----	62		100 199 210 301
			109 200 211 308
Peaches-----	5 208 211 293		117 201 215 344
	129 209 215 294		124 202 227
	172 210 219 299	Hay and forage:	
	205	Fodder:	
Pears-----	129 210 215 233	Corn-----	140 143 305
	205 211 230		141 304
Pecans-----	51	Sorghum-----	274 310
	201		
Plums-----	124 129 205	Hay:	
		Alfalfa-----	5 141 253 305
Prunes-----	209 210 211 230		7 142 262 306
			12 143 270 308
Raspberries-----	205		17 157 274 309
			20 161 276 310
Strawberries-----	20 100 205 344		23 162 279 311
	28 109 308		43 163 283 314
			61 169 284 315
Man labor-----	5 129 209 233		92 187 294 334
	20 172 210 270		128 240 299 339
	28 174 211 293		133 248 303 343
	51 199 215 294		139 249 304 354
	62 200 219 299	Bermuda-----	1 59 294
	100 201 220 301		5 61 298
	109 202 221 308	Brome-----	10 161
	117 203 227 342		
	124 205 228 344	Clover-----	43 262 298 308
	125 208 230		

Table 3.--Guide to reference list: Specified kind of input and associated output, by enterprise
 --Continued

CROPS									
Enterprise and type of data	Reference number				Enterprise and type of data	Reference number			
Hay--Con.:					Fescue-----	146			
Hegari-----	187				Millet-----	4	61		
Lespedeza-----	7	20	113	308	Mixed-----	5	107	215	283
	17	109	298			17	109	252	299
Meadow-----	44					20	113	253	309
						50	146	272	324
Mixed-----	12	141	213	290		69	157	274	326
	49	142	214	294		74	161	276	328
	50	143	215	295		79	206	277	339
	58	149	219	304		104	214	279	354
	61	164	220	305		105			
	69	168	221	306	Oat-----	59	310	325	
	74	193	239	309					
	76	194	240	324	Lespedeza-----	4			
	79	195	245	328					
	89	205	252	333	Ryegrass-----	59			
	120	206	270	349					
	122	208	274	351	Sericea-----	308			
	140	212	279						
Native-----	17	152			Sudan-----	274	279	321	325
						276	280	323	326
Oat-----	7	142	276	326		277	320	324	
	20	152	280		Silage:				
					Corn-----	20	142	213	290
Panicum-----	68					32	143	214	291
						43	149	219	308
Prairie-----	161					59	161	220	334
						61	187	221	339
Sericea-----	7					79	205	239	349
						139	206	248	351
Sorghum-----	323	324	325			140	208	249	354
						141	212	252	
Soybean-----	7	141	262		Grass-----	205	213	221	309
	140	143	309			206	214	239	351
Sudan-----	308	309				208	219	290	
						212	220	308	
Pasture:					Mixed-----	69	120	292	304
Alfalfa-----	4	320				83	164	297	305
						92	229		
Bahiagrass-----	59	280			Oat-----	10	61	142	206
Bermuda-----	4	272	298	323	Pea-----	10			
	59	294	310	324					
Clover-----	4								

Table 3.--Guide to reference list: Specified kind of input and associated output, by enterprise
--Continued

CROPS

Enterprise and type of data	Reference number				Enterprise and type of data	Reference number				
Silage--Con.:					Power--Con.-----	272	294	311	325	
Sorghum-----	5	161	276	323		274	295	314	326	
	20	165	320	324		277	297	315	328	
	34	187	321	325		279	298	320	334	
	35					280	303	321	339	
						284	306	323	343	
Sudan-----	308					290	310	324	351	
						291				
Straw:					Other machinery-----	1	120	248	291	
Oat-----	298					4	146	272	294	
						7	152	274	303	
Wheat-----	298					59	184	277	334	
						61	187	279	339	
						73	195	280	343	
Man labor-----	1	104	212	294		109	243	284		
	4	105	213	295						
	5	107	214	297	Materials and services-----	1	105	215	297	
	7	109	215	298		4	107	239	298	
	10	113	219	299		7	109	243	310	
	12	122	220	303		10	113	245	311	
	17	128	221	304		17	122	248	314	
	20	133	229	305		20	128	249	315	
	23	139	239	306		23	142	250	320	
	25	140	240	308		25	146	252	321	
	32	141	243	309		32	152	253	323	
	34	142	245	310		34	162	272	324	
	35	143	248	311		35	165	274	325	
	43	146	249	314		43	169	276	326	
	44	149	253	315		44	184	277	334	
	49	152	262	320		59	195	279	339	
	50	157	266	321		61	205	280	343	
	59	162	270	323		68	208	283	349	
	61	163	272	324		70	212	284	351	
	68	165	274	325		74	213	294	354	
	69	168	276	326		104	214			
	70	169	277	328						
	73	184	279	333	Associated output----	1	69	146	213	
	74	187	280	334		7	70	149	214	
	76	193	283	339		10	73	152	215	
	77	194	284	343		12	74	157	229	
	79	195	290	349		17	76	162	239	
	83	205	291	351		20	79	164	240	
	89	206	292	354		23	104	165	243	
	92	208				25	105	168	245	
						32	107	169	248	
Power-----	1	50	104	187		34	109	184	249	
	4	58	105	193		35	113	187	250	
	7	59	107	205		43	120	193	252	
	10	61	109	219		44	122	194	253	
	17	68	113	220		49	128	195	262	
	20	69	120	221		50	140	205	272	
	23	73	146	239		59	141	206	274	
	32	74	164	243		61	142	208	276	
	34	79	169	245		68	143	212	277	
	35	83	184	248						

Table 3.--Guide to reference list: Specified kind of input and associated output, by enterprise
--Continued

CROPS

Enterprise and type of data	Reference number	Enterprise and type of data	Reference number
Associated output--		Other machinery-----	1 106 236 248
Con.:-----	279 303 314 326		7 109 243 294
	280 304 315 328		59 146
	284 305 320 339		61
	290 306 321 343	Materials and	
	291 308 323 349	services-----	1 106 165 294
	294 310 324 351		7 109 205 310
	297 311 325 354		8 144 236 318
	298		21 146 243 321
			59 154 248 323
Oil crops:			61 155 252 324
Castor beans-----	159 318		74 156 259 325
			104 159
Flax-----	133 155 248 252	Associated output----	1 106 156 294
	154 156 249 259		7 108 159 304
			8 109 165 305
Peanuts-----	1 58 243 324		21 140 205 308
	5 59 295 325		50 143 236 310
	8 236 321		59 144 243 318
			61 146 248 321
Sesame-----	310 323		74 149 249 323
			76 154 252 324
Soybeans-----	1 89 143 248		104 155 259 325
	7 104 144 249	Sugarbeets:	
	21 106 146 252	Man labor-----	30 141 249 334
	50 108 149 270		43 143 253 354
	59 109 161 294		140 157 320
	61 133 165 304		
	74 139 205 305	Power-----	30 320 334
	76 140 236 308		
	79 141	Other machinery-----	334
Man labor-----	1 106 155 294		
	5 108 156 295	Materials and	
	7 109 159 304	services-----	30 320 354
	8 133 161 305		43 334
	21 139 165 308	Associated output----	30 157 253 354
	50 140 205 310		43 249 320
	59 141 236 318		
	61 143 243 321	Sugarcane:	
	74 144 248 323	Man labor-----	101 102 103 109
	76 146 249 324		
	89 149 259 325	Materials and	
	104 154 270	services-----	101
Power-----	1 74 155 295		
	7 104 156 310	Associated output----	101 102 103 109
	8 106 236 318		
	21 109 243 321		
	50 144 248 323		
	58 146 259 324		
	59 154 294 325		
	61		

Table 3.--Guide to reference list: Specified kind of input and associated output, by enterprise
--Continued

CROPS

Enterprise and type of data	Reference number	Enterprise and type of data	Reference number
Tobacco:		Celery-----	205
Man labor-----	45 236 270 308	Corn, sweet-----	140 173 211 324
	46 240 295 309		141 205 308 334
	234 244 299 339		
Power-----	58 236 239 295	Cucumbers-----	20 65 211 334
			50 205 320
Other machinery-----	146 236 339	Greens-----	308
Materials and services-----	236 339	Lettuce-----	183 205 313 320
Associated output-----	234 240 308	Mixed-----	270
	236 244 339	Okra-----	20 308
Vegetables:		Onions-----	43 205 222 312
Asparagus-----	205 345		189
Beans:		Peas:	
Blackeye-----	36	Dry-----	308
		Green-----	20 141 209 313
Dry-----	43 128 209 295		50 143 210 324
	118 205 210 343		140 205 310 334
	119 206 211 354	Peppers, green-----	20 295 308 324
Kidney-----	226		211
Lima-----	50 205 308	Potatoes:	
Snap-----	20 205 210 308	Irish-----	5 190 211 253
	50 207 211 310		43 198 215 295
	114 208 215		50 205 224 308
Beets-----	205 210 211 231		52 209 249 320
	209		109 210
Broccoli-----	205 210	Sweet-----	20 175 295 324
			38 240 308 339
Cabbage-----	50 209 308 313		109
	52 215 310 320	Shallots-----	109
	55 225 312 324	Spinach-----	205 232
Cantaloupes-----	178 308 314 324	Squash-----	20
Carrots-----	205 310 313		
Cauliflower-----	205 209 210 211		

Table 3.--Guide to reference list: Specified kind of input and associated output, by enterprise
--Continued

Crops									
Enterprise and type of data	Reference number				Enterprise and type of data	Reference number			
Vegetables--Con.:					Other machinery-----	109	334	339	345
Tomatoes-----	20	208	219	310		119			
	39	209	220	313					
	50	210	221	316	Materials and				
	188	211	295	320	services-----	20	173	210	312
	205	215	308	324		36	175	211	313
						38	178	215	314
Watermelons-----	308	324	325			39	183	222	316
						43	188	224	320
Man labor-----	5	128	211	270		52	189	225	324
	20	140	215	308		65	190	226	325
	36	141	219	310		109	198	231	334
	38	142	220	312		114	205	232	339
	39	143	221	313		118	207	253	345
	43	173	222	314		119	208	310	354
	50	175	224	316		128	209		
	52	198	225	320	Associated output----	20	140	209	308
	55	205	226	324		36	141	210	310
	65	206	231	325		38	173	211	312
	109	207	232	334		39	175	215	313
	114	208	240	339		43	178	222	314
	118	209	249	345		50	183	224	316
	119	210	253	354		52	188	225	320
						55	189	226	324
Power-----	20	118	224	314		65	190	231	325
	36	119	225	316		109	198	232	339
	38	173	226	320		114	205	240	343
	39	198	231	329		118	206	249	345
	50	205	232	325		119	207	253	354
	52	219	310	334		128	208		
	65	220	312	339					
	109	221	313	345					
	114	222							

LIVESTOCK

Beef feeding:					Power-----	4	153	237	326
Man labor-----	4	135	165	270		109	167	268	340
	5	136	167	280		151			
	20	138	182	283					
	59	139	205	294	Other machinery-----	268			
	61	140	206	304					
	74	141	237	305	Feed-----	4	128	153	251
	77	142	238	308		20	134	159	269
	79	143	245	319		59	135	161	280
	81	147	249	322		61	136	167	283
	84	153	250	326		74	140	182	294
	89	159	251	339		75	141	205	319
	109	161	253	340		77	143	206	322
	128	162	268	346		78	147	237	326
	134					79	148	238	339
						80	149	249	340
						84	151	250	346
						109			

Table 3.--Guide to reference list: Specified kind of input and associated output, by enterprise
--Continued

LIVESTOCK

Enterprise and type of data	Reference number			Enterprise and type of data	Reference number		
Beef feeding--Con.:				Materials and services-----	4 104 205 279		
Materials and services-----	4 109 205 294				20 109 238 280		
	20 135 237 319				59 113 272 294		
	59 151 238 326				61 146 274 326		
	61 159 280 339				72 185 277 339		
	84 182 283 340			Associated output---	4 113 185 277		
Associated output---	4 128 159 268				20 128 205 279		
	20 134 161 269				59 140 206 280		
	59 135 162 280				61 141 237 283		
	61 136 167 283				72 143 238 294		
	74 140 182 294				74 146 240 306		
	75 141 205 319				75 147 249 322		
	77 143 206 322				77 149 267 326		
	78 147 237 326				87 157 269 339		
	79 148 238 339				104 161 272 354		
	80 149 249 340				109 162 274		
	84 151 251 346			Broilers:			
	109 153 253			Man labor-----	3 104 216 270		
Beef raising:					5 109 217 294		
Man labor-----	4 104 185 277				16 147 218 308		
	5 109 205 279				20 161 237 309		
	20 113 206 280				59 205 238 327		
	29 128 237 283				61 215 240 339		
	59 140 238 294				64		
	61 141 240 298			Power-----	109 339		
	74 142 249 304						
	77 143 250 305			Feed-----	3 147 215 238		
	81 146 251 306				20 149 216 240		
	83 147 253 308				104 161 217 269		
	87 157 260 309				109 205 218 327		
	89 161 267 322						
	91 162 270 326			Materials and services-----	3 109 238 327		
	93 165 272 339				104 205 294 339		
	94 166 274 354			Associated output---	3 147 216 240		
Power-----	4 113 237 326				20 149 217 269		
	94 146 277 339				61 161 218 294		
	109 185 298				64 205 237 327		
Other machinery----	277 326				104 215 238 339		
					109		
Feed-----	4 109 205 272			Dairy:			
	20 113 206 274			Man labor-----	4 54 82 123		
	44 128 237 279				5 57 88 127		
	59 140 238 280				6 59 89 128		
	61 141 240 283				13 60 90 133		
	72 143 249 294				14 61 95 137		
	74 146 250 298				20 77 109 140		
	75 147 251 306				40 79 116 141		
	87 149 267 322				53 81 121 142		
	91 161 269 339						
	104 185						

Table 3.--Guide to reference list: Specified kind of input and associated output, by enterprise
--Continued

LIVESTOCK

Enterprise and type of data	Reference number	Enterprise and type of data	Reference number
Man labor--Con.-----	143 208 258 304	Associated output--	
	145 215 266 305	Con.-----	128 180 245 300
	147 216 268 308		140 191 249 304
	157 217 270 309		141 196 253 305
	161 218 273 329		142 197 257 329
	162 237 276 330		143 205 258 330
	170 238 286 332		145 206 268 332
	171 240 287 335		147 208 269 333
	177 245 288 336		149 215 273 335
	180 249 289 337		157 216 276 336
	191 250 291 338		161 217 288 337
	196 253 292 339		162 218 289 339
	197 255 294 352		170 237 291 352
	205 256 300 354		171 238 292 353
	206 257		177 240 294 354
Power-----	4 121 257 273	Egg production:	
	82 145 268 339	Man labor-----	5 89 205 278
	109 170		20 96 208 294
Other machinery-----	4 121 170 273		41 97 215 298
	82 145 257 339		59 109 216 304
			61 115 217 305
			66 140 218 308
Feed-----	4 99 191 257		74 141 237 309
	13 109 197 263		77 142 238 317
	14 116 205 269		79 143 240 322
	20 121 206 276		81 147 245 339
	40 126 208 291		85 161 270 341
	47 128 215 292		86 176 275 350
	53 140 216 294		
	57 141 217 300	Power-----	61 245 339
	59 142 218 329		109 298
	60 143 237 333		
	61 147 238 336	Other machinery-----	275
	68 149 240 337		
	75 161 245 338	Feed-----	20 109 149 237
	77 170 249 339		41 115 161 238
	79 171 250 352		59 130 176 240
	82 177 254 353		61 131 205 269
	88 180		74 132 208 294
			75 140 215 317
Materials and services-----	4 116 245 291		77 141 216 322
	20 170 257 294		85 143 217 339
	61 205 273 337		97 147 218 350
	69 237 286 339		
	82 238 288 352	Materials and services-----	20 109 205 294
	109		59 131 238 339
			96 132 245
Associated output---	4 53 69 109		
	13 54 75 116	Associated output---	20 74 85 109
	14 57 77 121		41 75 86 115
	20 59 79 123		59 77 96 130
	40 60 88 126		61 79 97 131
	47 61 99 127		

Table 3.--Guide to reference list: Specified kind of input and associated output, by enterprise
--Continued

LIVESTOCK

Enterprise and type of data	Reference number	Enterprise and type of data	Reference number
Associated output--		Feed-----	4 105 161 249
Con.-----	132 176 237 304		20 109 192 250
	140 205 238 305		59 128 205 251
	141 208 240 317		61 140 206 269
	143 215 245 322		67 141 223 281
	147 216 269 339		74 142 237 294
	149 217 278 341		75 143 238 306
	161 218 294 350		77 146 240 322
			79 147 245 339
Hog feeding:			104 149 246 353
Man labor-----	4 77 161 281	Materials and services-----	4 104 146 246
	5 81 162 294		20 105 205 281
	20 105 237 302		59 109 238 294
	59 109 238 308		61 128 245 339
	61 128 246 339		
	74 147 270		
		Associated output---	4 108 157 245
Power-----	4 109 339		20 109 161 246
			59 128 162 249
Feed-----	4 77 149 269		61 140 192 253
	20 105 161 281		67 141 205 269
	59 109 237 294		74 142 206 281
	61 128 238 302		75 143 223 294
	74 142 246 339		77 146 237 306
	75 147		79 147 238 322
			104 149 240 339
			105
Materials and services-----	4 61 128 281	Lamb feeding:	
	20 105 238 294	Man labor-----	5 140 205 265
	59 109 246 339		20 141 249 270
			81 143 250 271
Associated output---	4 105 161 269		107 161 251 304
	20 109 162 281		109 162 253 305
	59 128 237 294		
	61 142 238 302	Power-----	107 109
	74 147 246 339		
	75 149		
		Feed-----	20 140 249 265
Hog raising:			77 149 250 269
Man labor-----	4 108 192 253		107 161 251 271
	5 109 205 270		109 205
	20 128 206 281		
	59 140 223 294	Materials and services-----	20 109 265
	61 141 237 298		107 205 271
	67 142 238 304		
	74 143 240 305		
	77 146 245 306	Associated output---	20 149 249 265
	79 147 246 308		107 161 251 269
	81 157 249 309		109 162 254 271
	89 161 250 322		140 205
	104 162 251 339		
	105 165		

Table 3.--Guide to reference list: Specified kind of input and associated output, by enterprise
--Continued

LIVESTOCK

Enterprise and type of data	Reference number	Enterprise and type of data	Reference number
Sheep raising:		Molasses-----	308
Man labor-----	5 142 245 304	Performance rating---	72
	20 143 249 305	Range reseeding-----	70 184
	74 147 250 306	Seed:	
	77 157 251 307	Alfalfa-----	37 303 354
	81 161 253 308	Clover-----	294 308 323
	104 162 261 309	Lespedeza-----	294
	107 204 264 322	Timber-----	9 205
	109 205 270 331	Turkeys-----	20 161 205 249
	140 237 271 339		61 162 247 250
	141 240	Vetch-----	325
Power-----	104 109 245 331	Man labor-----	5 89 249 308
	107 237 307 339		9 142 250 309
Feed-----	20 140 205 269		20 146 280 323
	74 141 237 271		37 161 284 325
	75 143 240 306		48 162 294 343
	77 147 245 307		61 205 303 354
	104 149 299 322	Power-----	37 235 294 325
	107 161 250 331		72 280 303 343
	109 204 251 339		146 284 323 343
Materials and services-----	20 109 245 307	Other machinery-----	72 235 284 303
	104 205 271 339		146 280 294 343
	107	Feed-----	20 161 249
Associated output---	20 141 205 269		61 247 250
	74 143 237 271	Materials and services-----	20 205 294 343
	75 147 240 306		37 249 323 354
	77 149 245 307		48 284 325
	104 157 249 322	Associated output---	20 162 284 323
	107 161 261 331		37 205 294 325
	109 162 264 339		61 247 303 343
	140 204		63 249 308 354
Miscellaneous:			161 280
Broomcorn-----	284		
Coffee-----	63		
Conservation-----	89		
Fallow-----	146 161 280 343		
Honey-----	20		
Irrigation-----	48		

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