

**Agricultural Resource Management Study
Rice Production Practices and Costs Report for 2000**

RICE RESPONDENT BOOKLET

SEEDING METHOD CODES

Section B, item 10a

- 1 Water seeded (airplane)
- 2 Drilled (DRY)
- 3 Airplane (DRY)
- 4 Other Broadcast (DRY)

REASONS FOR SEED VARIETY

Section B, item 15

- 1 Increased yield
- 2 Disease resistance
- 3 Insect resistance
- 4 Premium Quality Market
- 6 *Not chosen for any of above reasons*

FERTILIZER / PESTICIDE APPLICATION METHODS

Section C, Column 6

&

Section D, Column 9

- 1 BROADCAST, GROUND WITHOUT INCORPORATION
- 2 BROADCAST, GROUND WITH INCORPORATION
- 3 BROADCAST, BY AIR
- 4 IN SEED FURROW
- 5 IN IRRIGATION WATER
- 6 CHISEL/INJECTED OR KNIFED IN
- 7 BANDED/SIDEDRESSED IN OR OVER ROW
- 8 FOLIAR OR DIRECTED SPRAY
- 9 SPOT TREATMENTS

Section C, Item 4

Common Fertilizers and Their Percent Analysis

[Enumerator Note: *If Respondent cannot report the formulation for Section C, item 4, enter the formulations below.*]

Name	Percent Active Ingredients				RANGE
	N	P ₂ O ₅	K ₂ O	S	
Anhydrous ammonia	82	--	--	--	
Aqua ammonia	20	--	--	--	16-30% N
Ammonium nitrate	33	--	--	--	33-34% N
Ammonium sulfate	21	--	--	--	20-21% N
Nitrogen solutions	28	--	--	--	7-58% N
Sodium nitrate	16	--	--	--	
Urea	46	--	--	--	45-46% N
Urea ammonium nitrate	32	--	--	--	
Super phosphate (22 % & under)	--	19	--	--	18-22% P
Super phosphate (over 22 %)	--	30	--	--	23-39% P
Triple Super Phosphate	--	46	--	--	40-54% P
Ammonium phosphate	11	48	--	--	
Di-ammonium phosphate	18	46	--	--	
Mono-ammonium phosphate	11	52	--	--	
Potassium chloride	--	--	60	--	50-62% K
Potassium nitrate	13	--	44	--	
Potassium sodium nitrate	15	--	14	--	
Mixed Fertilizer	2	6	12	--	
	3	9	18	--	
	3	10	30	--	
	5	10	15	--	
	5	10	30	--	
	5	15	30	--	
	6	24	24	--	
	8	24	24	--	
	9	18	9	--	
	10	34	--	--	
Soil sulfur	--	--	--	92	
Sulfur-bentonite	--	--	--	90	
Sulfur dioxide	--	--	--	50	
Ammonium polySulfide	20	--	--	45	
Ammonium sulfate	21	--	--	24	
Ammonium thiosulphate solution	12	--	--	26	
Diammonium phosphate-sulfur	16	40	--	13	
Potassium sulfate	--	--	50	18	48-52% K
Potassium-magnesium sulfate	--	--	22	22	

CHEMICALS and PESTICIDES for RICE

H=HERBICIDE; I=INSECTICIDE; F=FUNGICIDE; M=MISC. OTHER; MG=GROWTH REGULATOR; MR=RODENTICIDE; MS=SOIL FUMIGANT

D/L	Class	Code	Product Name	D/L	Class	Code	Product Name
			2, 4-D				Condor
L	H	4377	2,4-D/Amine 4	L	I	1282	Condor Oil
L	H	4664	2,4-D/Amine 6	D	I	1670	Condor (WP)
L	H	4444	2,4-D/Class 40A				
L	H	4003	2,4-D/Dacamine	D	F	7053	Copper Sulfate Crystal
L	H	4001	2,4-D/Dacamine 4D	D	I	1318	Cutlass WP
L	H	4291	2,4-D/Formula 40	L	H	4654	Cyclone Concentrate/Gramaxone Max
L	H	4221	2,4-D/Hi-Dep				
L	H	4232	2,4-D/Lithate				
D	H	4391	2,4-D/Savage				Cythion
L	H	4307	2,4-D/Weed Rhap A-4D	L	I	1141	Cythion 57% EC
L	H	4004	2,4-D/Weedar 64A	L	I	1360	Cythion 8 Aquamul
L	H	4536	2,4-D/Weedestroy AM-40	L	I	1089	Cythion ULV
L	H	4689	Abolish 8 EC	L	MG	9081	Cytoklin Bioregulator Concentrate
L	H	4461	Accord	L	M	9269	Cytoplex HMS
D	F	7296	Agra-Cop 50 WP				
L	H	4130	Arrosolo 3-3E	L	I	1557	Declare Insecticide
L	I	1708	Atrapa ULV				
L	I	1545	Azatin-EC Biological Insecticide				
D	I	1668	Azatin XL Plus				Defol
				L	MD	9291	Defol 5
L	H	4019	Basagran (4L)	L	MD	9014	Defol 6
				L	MD	9285	Defol 750
				L	MD	9042	Defol (3 LBS)
			Benlate				
D	F	7004	Benlate 50 DF	D	I	1411	Diatect Multipurpose Insecticide
D	F	7212	Benlate SP				
D	F	7003	Benlate (50WP)	L	I	1251	Dibrom 8 Miscible
L	H	4146	Blazer 2L	L	I	1715	Dimilin 2L
			Bolero				Dipel
D	H	4149	Bolero 10G	D	I	1023	Dipel 2X (WP)
L	H	4324	Bolero 8EC	L	I	1024	Dipel 4L
L	H	4151	Brominal				Dithane
L	H	4024	Buctril (2EC)	D	F	7127	Dithane DF (75%)
L	MG	9032	Burst Yield Booster	L	F	7015	Dithane F-45 Flowable
D	I	1457	Bushwhacker Fire Ant Control	D	F	7016	Dithane M-45
L	H	4159	Butyrac 175 (1.75EC)	L	F	7318	Dithane M-45 Flowable M
				D	F	7317	Dithane WSP
			Carbaryl				
D	I	1436	Carbaryl 80 WDG	L	MG	9277	Early Harvest
L	I	1011	Carbaryl 4L				
D	I	1012	Carbaryl 50W				Evergreen
D	I	1014	Carbaryl 80S (WP)	L	I	1304	Evergreen Growers Spray
D	I	1302	Carbaryl 90 DF	L	I	1413	Evergreen Growers Spray 7405
			Champ				Facet
L	F	7099	Champ Flowable	D	H	4336	Facet 50 WP
L	F	7244	Champ Formula 2	L	H	4693	Facet 75 DF
L	H	4166	Chiptox MCPA Sodium (2L)	L	I	1165	Fenthion 4E
L	H	4170	Collego (fungal spores)	L	MG	9036	Foliar Trigger

D/L	Class	Code	Product Name	D/L	Class	Code	Product Name
			Furadan				Methyl Parathion
D	I	1259	Furadan 10G	L	I	1158	Methyl Parathion 4EC
D	I	1150	Furadan 3G	L	I	1086	Methyl Parathion 6EC
D	I	1151	Furadan 5G	L	I	1088	Methyl Parathion 7.5EC
L	I	1538	Fyfanon 8lb. Emulsion	L	I	1423	MGK Formula 7243
L	M	9266	Garlic Barrier AG	D	F	7289	Microspere COC 50DF
			Gibgro	L	H	4238	Modown 4F
L	MG	9088	Gibgro 4LS	L	H	4192	Molinate 10G
D	MG	9211	Gibgro 5% Powder	L	I	4193	Molinate 8E
L	H	4580	Glyfos X-tra	D	F	7259	Moncut 50WP
L	H	4314	Gramoxone Extra (2.5L)	L	I	1548	NeemGard
			Grandstand	L	F	7300	Nu-Cop 3L
L	H	4449	Grandstand				Ordram
L	H	4685	Grandstand R	D	H	4241	Ordram 10-G
L	H	4222	Honcho	D	I	4242	Ordram 15-G
D	H	4223	Hydrothol 191 Granular	D	H	4243	Ordram 8-E
L	H	4372	Jury	L	MD	9020	Oxy Leaf-3
			Karate	L	F	7222	PCNB 2-E Liquid
L	I	1252	Karate	L	I	1164	Penncap-M
L	I	1707	Karate Z				Penncozeb
L	F	7314	Kocide 4.5 LF	D	F	7098	Penncozeb DF (75%)
L	MD	9230	Leafex-3	D	F	7026	Penncozeb (80 WP)
D	I	1671	Lepinox WDG	D	H	4525	Permit
D	H	4233	Londax (60DF)				PGR-IV
			Malathion	L	MG	9137	PGR-IV
L	I	1236	Malathion 5 (57% EC)	L	MG	9300	PGR-IV Plus
L	I	1228	Malathion 8E	L	H	4329	Pledge (4SL)
L	I	1094	Malathion 95% Spray	L	MG	9231	Poly-Foliant 5
L	I	1157	Malathion ULV 9.33 Lb (95%)	D	F	7209	Prevail
L	F	7064	Manex 4EC	D	H	4250	Probe (WP)
D	F	7311	Mankocide				Prop-Job
			Manzate	L	H	4251	Prop-Job 3E
D	F	7025	Manzate 200 DF (75%)	L	H	4252	Prop-Job 4E
D	F	7067	Manzate 200 Flowable (4EC)				Propanil
D	F	7024	Manzate 200 (80WP)	L	H	4164	Propanil 3E
L	MG	9171	Maxon II	L	H	4213	Propanil 4E
			MCP	D	H	4337	Propanil WDG (50%)
L	H	4292	MCP Amine 4				Prowl
L	H	4589	MCPA/Weed RHAP A4	L	H	4360	Prowl 3.3 EC
L	MS	9262	Metam Sodium 42%	D	H	4504	Prowl DG
L	I	1075	Methoxychlor 4L	L	H	4086	Prowl (4EC)

D/L	Class	Code	Product Name
			Pursuit
L	H	4254	Pursuit (2EC)
D	H	4505	Pursuit (DG)
L	H	4255	Pursuit Plus (EC)
L	I	1210	Pyrellin EC
L	I	1474	Pyronyl Crop Spray
L	F	7291	Quadris (aka Abound)
L	H	4328	Rattler
L	H	4258	Rely
L	H	4261	Rhomene (4L)
L	H	4262	Rhonox (EC)
			Roundup
L	H	4700	Roundup Custom
L	H	4376	Roundup D-Pak
L	H	4564	Roundup Export
D	H	4702	Roundup EZ Dry
L	H	4093	Roundup Original
D	H	4682	Roundup Solugran
			Rovral
L	F	7032	Rovral 4 Flowable
D	F	7272	Rovral 50 SP
D	F	7031	Rovral (50WP)
L	H	4675	Saber Herbicide
L	I	1016	Savit 4F
L	H	4667	Scythe
			Sevin
D	I	1340	Sevin 10%
L	I	1132	Sevin 4F
D	I	1172	Sevin 50W
D	I	1015	Sevin 5% Bait
D	I	1018	Sevin 80S
D	I	1496	Sevin 80WSP
L	I	1019	Sevin XLR Plus (4E)
L	MD	9022	Shed-A-Leaf (L)
			Sodium Chlorate
L	MD	9040	Sodium Chlorate 3 LB
L	MD	9018	Sodium Chlorate 6 LB
			Stam
D	H	4338	Stam 80 EDF
L	H	4270	Stam M-4 (EC)
L	MG	9273	Stimulate Yield Enhancer
L	H	4272	Storm
L	H	4278	Tackle (2L)
D	F	8754	TCI Dithane Seed Treatment-Grain Guard
L	F	7096	Thiram 75 WP

D/L	Class	Code	Product Name
			Tilt
L	F	7076	Tilt
L	F	7225	Tilt Gel
L	F	7316	Top Crop Flowable
L	F	7103	TopCop with Sulfur
L	I	1687	Valero
L	I	1553	Warrior T
			Weedar
L	H	4078	Weedar MCPA Concentrate (4EC)
L	H	4079	Weedar Sodium MCPA (2EC)
L	H	4300	Weedone MCPA Ester (4E)
			Wham
D	H	4440	Wham! DF
L	H	4308	Wham! EZ
			Whip
L	H	4309	Whip 1EC
L	H	4379	Whip 360 (EC)

Conversion Codes for Liquid and Dry Products

Liquid Products

1 Gallon = 4 Quarts
1 Quart = 2 Pints
1 Pint = 16 Fluid Ounces
2 Cups = 1 Pint

Dry Products

1 Pound = 16 Dry Ounces
1 Ounce = 28.3 Grams
1 Pound = 453 Grams

TARGET PEST CODE LIST for RICE

SECTION D, Item 1 Column 12

INSECTS		402 ANNUAL GRASSES	DISEASES
102 BEETLES / WEEVILS		40201 Barnyard Grass	701 BACTERIAL DISEASES
10206 Darkling Weevil		40203 Cheatgrass/Downey Brome	70101 Erwinia Soft Rot
10210 Rice Water Beetle		40205 Eciotra	702 FUNGAL DISEASES
103 CUTWORMS OR ARMYWORMS		40207 Gooseweed	70201 Brown Leaf Spots
10301 Beet Armyworm		40210 Junglerice	70203 Cercospora Leaf Spot
10302 Fall Armyworms		40217 Wild Oats / Millet	70222 Sheath Blight
10308 Yellowstriped Armyworm		40219 Red Rice	70226 Stem Rot
104 FLIES / MAGGOTS		403 AQUATIC	70228 Blast
10403 Rice Midge		40301 Algae	703 VIRAL DISEASES
106 HYMENOPTERA		40302 Arrowhead	70302 Curley Top
10601 Common Ants		40303 Burhead	70304 Kernal Smut
10602 Fire Ants		40304 Cattail	700 OTHER DISEASES
108 LEAFMINERS		40305 Ducksalad	OTHER PESTS
10801 Rice Leafminer		40306 Naiad	90301 All Shrimp (Crayfish)
112 ORTHOPTERA		40307 Paragrass (Brachiaria)	90302 Amphibians (Tadpoles, frogs, snakes)
11201 Cricket		40308 Pondweed	90303 Sowbugs
11202 Grasshopper		40309 Ricefield Bulrush	901 Birds, Animals, Rodents
114 TRUE BUGS		40310 River Bulrush	OTHER REASONS FOR
11402 Chinch Bug		40311 Smallflower Umbrella	902 Defoliant, Desiccant, Growth
11404 Lygus Bug		40312 Spikerush	
11405 Stink Bug		40313 Sprangletop	
11406 Tarnished Plant Bug		40314 Water Plantain	
100 OTHER INSECTS		40315 Waterhyssop	
WEEDS		404 PERENNIAL BROADLEAFS	
401 ANNUAL BROADLEAFS		40401 Dayflower (Spiderwort)	
40101 Cocklebur		405 PERENNIAL GRASSES	
40103 Croton		40503 Quackgrass	
40105 Hemp Sesbania		406 SEDGES	
40109 Nettleleaf Goosefoot		40601 Rice Flatsedge	
40110 Pigweed		400 OTHER WEEDS	
40117 Smartweed			

PEST MANAGEMENT INFORMATION SOURCES

Section E, item 29

- 1 Extension Advisor, Publications or Demonstrations
(County, Cooperative or University)
- 2 Farm Supply or Chemical Dealer
- 3 Commercial Scouting Service
- 4 Independent Crop Consultant or Pest Control Advisor
- 5 Other Growers or Producers
- 6 Producer Associations, Newsletters or Trade Magazines
- 7 Electronic Information Services (*World Wide Web, DTN, etc.*)
- 8 Other - (Specify _____)
- 9 None - Operator used no **outside** information source

MACHINERY and IMPLEMENT CODES

PLOWS and DISKS

- 01 Chisel Plow (Big Ox)
- 02 Coulter Plow
(Coulter Chisel, Soil Saver, Soil Conservor)
- 03 Deep Ripper
(Knife, Bed Knife, Slide)
- 04 Disk Plow

Moldboard
- 05 -Regular
- 06 -Two-way
- 07 Stubble-mulch
(Noble, Sweeps, Hoeme Plow, Muckeroy Plow)
- 08 Subsoiler
(Chisel, Ripper, V-ripper)
- 09 Disk-chisel
(Mulch Tiller)

Offset Disk
- 10 -Heavy Disk
- 11 -Light Disk
- 12 One-way Disk
(Disk Tiller)
- 13 Single Disk

Tandem Disk
- 14 -Plowing
- 15 -Regular
- 16 Paraplow

CULTIVATORS

- 21 Field Cultivator
(Regular Digger, Triple K, Danish Tined, Swedish Tined, Incorporated, S-tine, Cultivator, Vibra-shank Harrow, Lilliston Tiller)
- 22 Furrow-out
- 23 Rotary Hoe
(Crust Buster)

Row
- 24 -Disk Sweep, Shovel
- 25 -Rolling, Rotary

Field Cultivator
- 26 -Heavy Duty
(Duckfoot Cultivator)
- 27 Marker
- 28 Fallow Master

PACKERS

- 51 Culti-packer
(Pulverizer, Crow-foot, Serrated, Ring, Spiral)
Roller-packer
- 52 -Attachment
- 53 -Smooth & Flat

HARROWS (DRAGS)

- 30 Heavy Harrow
- 31 Field Conditioner
(Scratcher, Seed Bed Conditioner, Soil Conditioner, Ground Hog)
- 32 Finishing
(Harrogator, Spiral, Roller, Knives, Shanks, Pegs, Smoother)
- 33 Flex-tine Tooth
(Coil Tine)
- 34 Multi-weeder
(Cultivator & Harrow)
- 35 Rail, Pipe, Log, Plank
- 36 Rod Weeder
- 37 Roller (Culti-mulcher, Pulvi-mulcher, Crumbler, Packer-mulcher, Packer & Shanks)
- 38 Spike Tooth
- 39 Spring Tooth
- 40 Powered Spike Tooth Harrow

BEDDERS-SHAPERS

- 41 Bedder (Shaper)
Bedshaper, Crowder)
- 42 Bed Shaper

Disk
- 43 -Hipper
- 44 -Row
- 45 Float
- 46 Lister (Middle-buster)
- 47 Rotovator-bedder
- 48 Seedbed Roller
(Flat Roller)
- 49 Sub-soil Bedder
(Ripper-hipper)
- 50 Discovator

MISCELLANEOUS TILLAGE

- 61 Land-all, Do-all
Mix-n-till, Till-all
(Disk, Shovels, Reel & Spikes)
- 62 Mulch Treader, Picker,
Treader, Skew
- 63 Roto-tiller
- 64 Roterra
(Roto-spike, Lely)
- 65 Sand-fighter
- 66 Soil Finisher
(Finishing Tool, Mulch Finisher, Tri-tiller, Task Master)

FERTILIZER APPLICATORS

- 71 Aerial (Airplane)
- 72 Attachment to
Implement
- 73 Manure Spreader
- 74 Self-propelled
- 75 Truck Spreader

Tractor Mounted
- 76 -Anhydrous
- 77 -Dry
(Includes Lime & Gypsum)
- 78 -Liquid

Trailer Mounted
- 79 -Anhydrous
- 80 -Dry
(Includes Lime & Gypsum)
- 81 -Liquid

CHEMICAL APPLICATORS

- 91 Aerial (Airplane)
- 92 Attachment to
Implement
- 93 Largest Self-propelled
(Or Large Truck)
- 94 Motorcycle/atv
Sprayer
- 95 Small Self-propelled
(Spra-coupe, Hi-cycle)
- 96 Small Truck
(Skid Mounted)
- 97 Tractor Mounted
- 98 Trailer Mounted

DRILLS and SEEDERS

- 101 Aerial Seeding
- 102 Broadcast Seeder

- Drill
- 103 -Air Delivery
- 104 -Lister Disk
- 105 -No-till,
Minimum till
- 106 -Plain
- 107 -Press, Disk or Hoe

PLANTERS

- 111 Bedder-shaper Planter
- 112 Lister-bedder
- 113 No-till, Minimum Till,
(Ripper Planter)
- 114 Conventional,
Regular (Tye, Flex)
- 115 Air Delivery/vacuum
- 116 Ridge till

MACHINERY and IMPLEMENT CODES

HARVESTING EQUIPMENT

- Small Grains Combine
- 121 -(Self-propelled)
- Hillside
- 122 -Self-propelled, 2wd
- 123 -Self-propelled, 4wd
- 124 -Track
- 125 -PTO/motor Mounted
- Windrower-swather
- 126 -(Grain/hay)pto
- 127 -(Grain/hay)
Self-propelled
- Row Crops Combine
- 128 -(Self-propelled)
Hillside
- 129 -Self-propelled, 2wd
Or 2wd with
Rear Wheel Assist
- 130 -Self Propelled, 4wd
- 131 -Track
- 132 -PTO/motor Mounted
- 133 Corn Picker
- 134 Hand Harvesting

PTO - Power Take-off
WD - Wheel Drive

HAULING EQUIPMENT

- Trailers
- 194 General Purpose Wagon
or Cart
- 195 Hay Wagon
- 208 Gravity Wagon
- 209 Grain Cart with Auger
- 220 Other Trailers
- Trucks
- 301 -Single Axle
- 302 -Tandem Axle
- 303 -Tri-Axle
- 304 -Semi
- 305 Other Trucks

MOWERS and BALERS

- 141 Amish Harvester
- Bale Wagon
- 142 -Pto
- 143 -Self-propelled
- 144 Bale Loader
- Baler
- 145 -Motor Mounted
- 146 -PTO (Large)
- 147 -PTO (Small)
- 148 -Self-propelled
- 149 Mower-chopper-Rotary
- 150 -Conditioner/PTO
- 151 -Self-propelled
- 152 -Drum-disk
- 153 -Flail
- 154 -Sickle
- Rake
- 155 -Dump
- 156 -Side Delivery
- 157 -Wheel
- 158 Stack Mower
- 159 Stacker, Automatic
- 160 Front End Loader

LAND FORMING EQUIPMENT

- 171 Backhoe
- 172 Disk Border Maker
- 173 Ditch Closer
- 174 Ditcher
- 175 Levee Plow Disk
- 176 Quarter Drain Machine
- 177 Rear Mounted Blade
- 178 Corrugator
(Furrow Diker,
Dammer Diker, Diker)
- 180 Land Plane Leveler
(Water Leveler)
- 181 Laser Planer,
Laser Leveler

For implements codes 171-177,
enter *Total Hours Operated* in the
column labeled *Total Acres
Covered*.

Total Acres Covered is not
meaningful for these implements.

OTHER IMPLEMENTS

- 191 Burn Buggy
- 192 Chaff/straw Saver
- 193 Electric-discharge
Weed Killer
- 196 Off-field Thresher
- 197 Rock Picker
- 198 Rock Windrower or Rake
- 199 Rodent (Gopher) Killer
- 200 Roller Groover
- 201 Rubber-wheeled
Weed Puller
- 202 Flail Shredder
- 203 Rotary Shredder
- 204 Silage Harvester
- 205 Stalk Shredder,
Stalk Cutter
- 206 Swath Roller

SECTION G, IRRIGATION TYPE CODES

PRESSURE SYSTEMS	GRAVITY SYSTEMS
1 HAND-MOVE	10 SIPHON TUBE from unlined ditches
2 SOLID OR PERMANENT SET	11 SIPHON TUBE from lined ditches
3 SIDE ROLL OR WHEEL LINE	12 PORTAL SYSTEM from unlined ditches
4 CENTER PIVOT OR LINEAR MOVE with sprinklers on main line	13 PORTAL SYSTEM from lined ditches
5 CENTER PIVOT OR LINEAR MOVE with sprinklers below main line, but more than 2 feet above ground	14 ANY POLY PIPE SYSTEM
6 CENTER PIVOT OR LINEAR MOVE with sprinklers less than 2 feet above ground	15 GATED PIPE (not poly pipe)
7 BIG GUN	16 IMPROVED GATED PIPE (surge flow or cablegation not poly pipe)
8 LOW FLOW IRRIGATION (drip, trickle or micro sprinkler)	17 SUBIRRIGATION
9 OTHER - SPECIFY	18 OPEN DISCHARGE FROM WELL OR PUMP
	19 OTHER - SPECIFY

Section G, item 11

- | | |
|---|--|
| 1 | Retained at the end of the field with no re-use? |
| 2 | Re-used to irrigate on the farm? |
| 3 | Collected in evaporation ponds on the farm? |
| 4 | Drained from the farm? |
| 5 | There is no runoff? |

LANDLORD COSTS

	<p>Seed Costs</p> <p>a. Purchased seed</p> <p>b. Seed cleaning and treating</p>
	<p>Fertilizer Costs [<i>Exclude Lime and Gypsum</i>]</p> <p>c. Fertilizer custom applications</p> <p>d. Fertilizer materials</p>
	<p>Chemicals/Pesticides Costs</p> <p>e. Chemicals/pesticides custom applications</p> <p>f. Chemicals/pesticides materials</p>
	<p>Technical Services</p> <p>g. Soil tests or plant tissue tests</p> <p>h. Scouting service</p> <p>i. Biological pest controls and their application</p> <p>j. Non-chemical blackbird control</p>
	<p>Custom Field Operations and Services</p> <p>k. Custom land preparation, shaping, and/or leveling</p> <p>l. Custom cultivating</p> <p>m. Custom planting and/or reseeding</p> <p>n. Custom harvesting</p> <p>o. Custom hauling</p> <p>p. Custom drying</p> <p>s. Other custom services [Specify _____]</p>
	<p>Irrigation and Water Management Costs</p> <p>t. Purchased irrigation water</p> <p>u. Fuel, lubrication and electricity for irrigation</p>

Section I, Item 1