

UPLAND COTTON RESPONDENT BOOKLET

SEED VARIETY CODE LIST for UPLAND COTTON

Section B, item 8

- 1 Genetically-modified **herbicide resistant** seed variety
- 3 **Bt** variety for insect resistance
- 4 Variety with **both** insect and herbicide resistance
- 6 Variety planted not listed above

REASONS FOR SEED VARIETY

Section B, item 9

- 1 Increase yields through improved pest (*weeds, insects or diseases*) control?
- 2 Decrease pesticide input costs?
- 3 Increase planting flexibility?
(*For example, easier to rotate crops, reduce carryover use reduced tillage or no-till systems, etc.*)
- 4 Adopt more environmentally-friendly practices?
- 5 For some other reason(s)?

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 1, 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	--	
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 UPLAND COTTON

D/L	Class	Code	Product Name	D/L	Class	Code	Product Name
L	H	4443	2,4-D/Class LV4	L	I	1140	Capture 2EC
L	H	4003	2,4-D/Weedar 64	D	I	1260	Carbaryl 95 Sprayable
D	I	1672	Able	D	M	9180	Checkmate PBW
L	MD	9043	Accelerate	L	M	9625	Checkmate PBW-F
D	I	1483	Acephate 75 WSP	L	H	4169	Cobra (2E)
D	I	1525	Acephate 90SP	L	I	1008	Comite (6.55EC)
L	I	1427	Admire 2F	L	H	4578	Command 3ME
L	I	1484	Alert (2EC)	L	H	4171	Command 4EC
L	I	1002	Ambush (2EC)	L	I	1282	Condor
D	I	1001	Ambush 25W	D	I	1670	Condor (WP)
L	I	1133	Ammo 2.5EC	D	I	1528	Costar Biological Insecticide
D	I	1134	Ammo WSB (39%)				
L	H	4126	Ansar 6.6	L	H	4176	Cotoran 4L
D	H	4127	Ansar 8100 (WSP)	D	H	4177	Cotoran 80W
				D	H	4178	Cotoran DF
D	I	1471	Applaud 70WP				
L	I	1003	Asana XL (1.9 EC)	L	MD	9044	Cotton - Aide HC
L	I	1004	Asana XL (.66EC)	L	H	4034	Cotton-Pro (4E)
				L	MG	9222	CottonQuik (aka ETK-2201)
L	H	4371	Assure II	L	H	4179	Croak (5.3EC)
L	I	1545	Azatin-EC Biological Insecticide	L	I	1248	Curacron 6E
L	I	1279	Azinphos-M 2 EC	L	I	1249	Curacron 8E
L	I	1686	BMP 123 (48 LC)	L	H	4656	Cy-Pro 4L
L	H	4136	Banvel (4L)	L	MD	9031	Cyclone (2EC)
L	H	4327	Banvel SGF (2EC)	L	H	4654	Cyclone Concentrate
L	I	1246	Baythroid 2 (EC)	L	I	1027	Cygon 400 (4EC)
L	H	4470	Bicep II	L	MG	9081	Cytokin
L	I	1213	Bidrin 8	L	M	9269	Cytoplex HMS
L	H	4022	Bladex 4L	L	H	4189	DSMA Liquid (3.6 lbs)
D	H	4023	Bladex 80WP	L	H	4190	DSMA Slurry (7.2 lbs)
D	H	4143	Bladex 90DF				
L	MG	9274	Boll'd	L	H	4182	Daconate 6 (EC)
L	MD	9041	Bolls-Eye	L	I	1307	Danitol 2.4 EC Spray
L	I	1139	Bolstar 6EC	L	I	1375	Decis 0.2 EC
				L	I	1665	Decis 1.5EC
L	H	4024	Buctril (2EC)	L	I	1557	Declare Insecticide
L	H	4025	Buctril 4EC	L	MD	9049	Def 6
L	H	4157	Bueno 6 (EC)	L	MD	9049	Defol 6
L	MG	9032	Burst Yield Booster	L	MD	9042	Defol (3lb)
				L	MD	9291	Defol 5
L	H	4031	Caparol 4L	L	MD	9014	Defol 6
D	H	4162	Caparol 80WP	L	MD	9285	Defol 750

D/L	Class	Code	Product Name	D/L	Class	Code	Product Name
D	I	1445	Design	L	H	4060	Fusilade 2000 (1EC)
D	I	1033	Di-Syston 15% G	L	H	4492	Fusilade DX
L	I	1034	Di-Syston 8 (EC)	L	H	4442	Fusion
L	I	1251	Dibrom 8 EC	L	I	1538	Fyfanon 8lb. Emulsion
L	I	1028	Dimethoate 2.67EC	L	M	9266	Garlic Barrier AG Insect Repellent
L	I	1029	Dimethoate 4EC	L	I	1555	Gemstar LC
L	I	1403	Dimethoate 5 lb.	L	MD	9221	Ginstar EC
L	I	1352	Dimilin 4L	L	H	4580	Glyphos
D	I	1023	Dipel 2X (WP)	L	H	4063	Goal 1.6E
L	I	1024	Dipel 4L	L	MD	9280	Goal 1.6E
L	I	1025	Dipel ES	D	I	1682	Golden-Dew
D	I	1026	Dipel WP	L	H	4314	Gramoxone Extra (2.5L)
L	H	4039	Direx 4L	L	MD	9037	Gramoxone Extra (2.5L)
D	H	4040	Direx 80W	L	M	9267	Guardian Spray
L	F	7015	Dithane F-45 Flowable	L	I	1152	Guthion 2L
L	F	7318	Dithane M-45 Flowable M	L	I	1055	Guthion 2S
L	H	4045	Diuron 4L	L	I	1272	Guthion 3 Flowable
D	H	4046	Diuron 80W	L	MD	9048	Harvade - 5F
D	MD	9046	Dropp (50WP)	L	H	4222	Honcho
D	MD	9290	Dropp Ultra	L	I	1666	Imidan 2.5EC
L	H	4051	Dual (8E)	L	I	1142	Javelin WG
L	H	4460	Dual II Magnum	L	I	1252	Karate (1EC)
L	H	4461	Dual II Magnum SI	D	H	4066	Karmex DF
L	H	4659	Dual Magnum	L	I	1060	Kelthane 1.6EC
L	MG	9277	Early Harvest	L	I	1062	Kelthane MF
L	I	1268	Endosulfan 2EC	L	I	1470	Knack
L	I	1199	Endosulfan 3EC	D	I	1065	Lannate (90WSP)
L	H	4053	Eptam 7-E	L	I	1063	Lannate L (1.8 lbs.)
L	MG	9207	Ethephon 6 (EC)	L	I	1064	Lannate LV (2.4 lbs.)
L	I	1052	Ethion 4 Miscible	L	I	1066	Larvin 3.2
L	MG	9220	Finish (4 lb.)	L	MD	9268	Leafex 2
L	MG	9283	Finish 6	L	MD	9230	Leafex 3
L	H	4477	Flo-Met (4EC)	L	I	1283	Lock-on
L	MD	9047	Folex 6EC	L	H	4077	Lorox DF (50%)
L	MG	9036	Foliar Trigrgr	L	I	1069	Lorsban 4E
D	I	1259	Furadan 10G				
D	I	1053	Furadan 15G				
L	I	1054	Furadan 4F				
L	I	1374	Fury 1.5 EC				

D/L	Class	Code	Product Name	D/L	Class	Code	Product Name
L	H	4144	MSMA 4 Plus	L	I	1447	Pirate
L	H	4194	MSMA 6 Plus				
L	H	4147	MSMA 6.6 (EC)	L	MG	9099	Pix Concentrate (2.01 lb)
L	I	1507	MVP Bioinsecticide	D	MG	9198	Pix DF Plant Regulator
L	I	1232	MVP II Bioinsecticide	L	MG	9038	Pix Plant Regulator
L	I	1236	Malathion 5EC (57%)	L	MG	9295	Pix Plus
L	I	1228	Malathion 8E	L	H	4081	Poast (1.5 EC)
L	I	1157	Malathion ULV 9.33 Lb (95%)	L	H	4703	Poast HC (3.5EC)
				L	H	4334	Poast Plus (1EC)
D	F	7025	Manzate 200 DF (75%)	L	MD	9231	Poly-Foliant Liquid Defoliant
D	F	7328	Manzate 75 DF	L	MG	9231	Poly-Foliant
L	H	4612	Matador Herbicide	L	I	1107	Pounce 3.2EC
L	I	1472	Mattch Bioinsecticide	L	MG	9039	Prep (6 EC)
L	MG	9271	Mep-Plus	D	F	7209	Prevail
D	MG	9272	Mepichlor Pill	L	H	4455	Prometryne 4L
L	MG	9188	Mepiquat Chloride 4.2	L	MD	9279	Protocol
L	I	1072	Metasystox-R (2EC)	L	I	1439	Provado 1.6 Flowable
L	I	1158	Methyl Parathion 4EC	L	H	4086	Prowl (4EC)
L	I	1086	Methyl Parathion 6EC	L	H	4360	Prowl 3.3 EC
L	I	1088	Methyl Parathion 7.5EC				
L	H	4236	Meturon 4L	L	MG	9147	Quick Pick
D	H	4237	Meturon DF (80%)	L	F	7027	Ridomil 2E
L	I	1160	Monitor 4 Spray	D	F	7341	Ridomil Gold PC
L	I	1363	Mustang 1.5 EW	D	F	7342	Ridomil Gold PC GR
L	I	1548	NeemGard	L	F	7312	Ridomil Gold PC Liquid
L	I	1550	Neemix	D	F	7107	Ridomil PC 11G
L	I	1551	Neemix 4.5	L	H	4700	Roundup Custom
L	M	9150	No Mate	D	H	4702	Roundup EZ Dry
D	M	9264	No Mate PBW Fiber	L	H	4093	Roundup Original
L	M	9263	No Mate PBW MEC	L	MD	9172	Roundup Original
L	I	1278	Oil	L	H	4561	Roundup Ultra
D	I	1102	Orthene 75 S	L	I	1170	Scout X-TRA (0.9 lb EC)
D	I	1481	Orthene 75 WSP	L	H	4667	Scythe
D	I	1258	Orthene 90 S	L	H	4447	Select 2E
L	I	1288	Ovasyn (1.5L)	L	I	1019	Sevin XLR Plus (4E)
L	MG	9137	PGR-IV	L	MD	9079	Sodium Chlorate 2lb
D	MG	9301	PGR-IV Granule	L	MD	9040	Sodium Chlorate 3lb
L	I	1115	Parathion 8E	L	MD	9186	Sodium Chlorate 5lb
D	I	1373	Payload 15G	L	MD	9018	Sodium Chlorate 6lb
L	I	1164	Penncap-M (2 lbs.)	D	H	4560	Staple Herbicide (85WP)
L	I	1365	Phaser (3EC)	L	MD	9080	Starfire (1.5L)
D	I	1240	Phorate 20-G	L	MD	9080	Starfire Concentrate (3.0L)
L	MD	9194	Pick-Quik Liquid Defoliant	L	MG	9273	Stimulate Yield Enhancer
				D	F	7129	Sulfur Dusting
				L	MG	9260	Super Boll Plant Regulator

D/L	Class	Code	Product Name
L	I	1454	SuperNeem 4.5-B
D	I	1442	Supracide 25WP
L	I	1123	Supracide 2E
L	MS	9011	Telone II
D	I	1124	Temik 15G
D	F	7035	Terraclor 10% Granular
L	F	7036	Terraclor 2 lb EC
D	I	1684	Terraclor 6.5% Plus Di-Syston 6.5% G
L	F	7334	Terraclor Flowable
D	F	7313	Terraclor Super X 18.8G
L	F	7119	Terraclor Super X Emulsifiable (2.5EC)
D	F	7120	Terraclor Super X Granular (12.5%)
L	I	1683	Terraclor Super X plus Di-Syston
L	F	7335	Terraclor Super X plus Di-Syston
D	F	7121	Terraclor Super X with Di-Syston
L	I	1125	That Big 8 Flowable Sulfur (64% L)
D	I	1256	Thimet 15-G
D	I	1127	Thimet 20-G
L	I	1317	Thiodan 2 C.O. EC
L	I	1128	Thiodan 3EC
L	MG	9294	Topit
L	I	1526	Tracer
L	H	4109	Treflan 5 (EC)
L	H	4108	Treflan EC (4Lbs.)
L	H	4629	Treflan HFP
L	H	4110	Treflan MTF (4EC)
D	H	4111	Treflan TR-10 (10G)

D/L	Class	Code	Product Name
L	H	4286	Tri-4 (EC)
L	H	4450	Trifluralin 4 (EC)
L	H	4451	Trifluralin 5 (EC)
L	H	4112	Trilin (4EC)
D	H	4285	Trilin 10G
L	H	4368	Trilin 5
L	MS	9012	Vapam (3.18 lb.)
L	I	1247	Vydate C-LV (3.77lbs)
L	I	1177	Vydate L (2 Lbs)
L	I	1553	Warrior T
L	I	1289	Zephyr 0.15 EC
L	H	4673	Zorial Flowable
D	H	4310	Zorial Rapid 80 (DF)

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

SECTION D, Item 1 Column 12

INSECTS

- 010 APHIDS

- 020 BEETLES, WEEVILS or WIREWORMS
 - 727 Corn Rootworm (adults)
 - 728 Corn Rootworm (larvae)
 - 020 Other Beetles, Weevils or Wireworms

- 030 CUTWORMS OR ARMYWORMS

- 040 MOTH / CATERPILLAR
 - 754 Pink Bollworm
 - 045 Other Bollworm
 - 757 Tobacco Budworm
 - 040 Other Moths or Caterpillars
(For example: loopers, leafminer, leaf perforator, leafworm, corn borer, webworm, leafrollers, soybean podworm, fall armyworm, corn ear worm, etc.)

- 050 TRUE BUG
(For example: fleahoppers, lygus bugs, stink bugs, chinch bugs, tarnished plant bugs, etc.)

- 060 WHITEFLY, MEALYBUGS or LEAF HOPPERS

- 080 GRASSHOPPERS or CRICKETS

- 090 MITES

- 095 FLIES or MAGGOTS

- 085 THRIPS

- 100 NEMATODES

DISEASES

- 105 BACTERIAL DISEASES

- 110 FUNGAL DISEASES, (FUNGUS)

- 120 VIRAL DISEASES, (VIRUS)

WEEDS

- 171 GRASSES, ANNUAL
 - 607 Foxtail
 - 171 Other Annual Grasses

- 172 GRASSES, PERENNIAL
 - 617 Shattercane
 - 608 Johnsongrass
 - 616 Quack Grass
 - 172 Other Perennial Grasses

- 175 BROADLEAVES, ALL
 - 173 Perennial broadleaf
 - 174 Annual broadleaf

- 177 SEDGES

OTHER PESTS

- 180 OTHER PESTS
(For example, defoliant, desiccant or growth regulator, vine killer, etc.)

PEST MANAGEMENT INFORMATION SOURCES

Section E, item 27

- | | |
|---|--|
| 1 | Extension Advisor, Publications or Demonstrations
(County, Cooperative or University) |
| 2 | Farm Supply or Chemical Dealer |
| 3 | Commercial Scouting Service |
| 4 | Crop Consultant or Pest Control Advisor |
| 5 | Other Growers or Producers |
| 6 | Producer Associations, Newsletters or Trade Magazines |
| 7 | Electronic Information Services (<i>World Wide Web, DTN, etc.</i>) |
| 8 | Other |
| 9 | None |

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