



2023 Soybean Production Practices and Costs Report Respondent Booklet

Every year the U.S. Department of Agriculture (USDA) conducts the Agricultural Resource Management Survey. The survey gathers information on production practices, nutrient and fertilizer use, tillage practices, and pest management practices for different commodities each year.

Your participation is vital. By responding to this survey, you are helping USDA compile an accurate picture of farming in the United States. The timely data will inform decisions that directly impact farms.

A representative from the National Association of State Departments of Agriculture will work with you to complete your survey by telephone or in person. During the interview, our representative will ask you detailed questions about the types of applications you use on your crops. To make the interview process faster, it may be helpful to have the following types of records or information available:

- nutrient and/or fertilizers used
- pest management practices
- biocontrols and/or pesticides used
- machinery and other equipment used

If you used a commercial chemical company, please have those records accessible.

The enclosed booklet will help you and our representative find and record the correct pesticide products. The booklet lists registered label names of products with their Environmental Protection Agency registration number. If you do not find the correct product listed in this booklet, record where the product was purchased or as much information about the product as possible.

Your survey response is confidential. The information you provide will be used for statistical purposes only. In accordance with federal law, your responses will not be published in identifiable form.

Thank you for your participation and support of our programs and U.S. agriculture. If you have any questions, please contact us at 888-424-7828 or visit nass.usda.gov/go/arms.

Sincerely,

Joseph L. Parsons
Chair, Agricultural Statistics Board
National Agricultural Statistics Service
U.S. Department of Agriculture
Enclosure

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB number is 0535-0218. The time required to complete this information collection is estimated to average 65 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

2023 SOYBEAN SAMPLED STATES by REGION**DELTA**

Arkansas
Louisiana
Mississippi

GREAT LAKES

Indiana
Michigan
Ohio

HEARTLAND

Illinois
Missouri

EASTERN MOUNTAIN

Kentucky
North Carolina
Tennessee
Virginia

NORTHERN PLAINS

Kansas
Nebraska
North Dakota
South Dakota

UPPER MIDWEST

Iowa
Minnesota
Wisconsin

SEED TREATMENT PRODUCT CODE LIST

Section B, Item 12a

Treatments	Code
42-S Thiram	279
Abpro™ (component B)	280
Acceleron® Basic	296
Acceleron® Basic plus Poncho® VOTiVO™	600
Acceleron® D-342	286
Acceleron® D-805	289
Acceleron® DX-109	290
Acceleron® DX-309	291
Acceleron® DX-709	295
Acceleron® Elite	601
Acceleron® Elite plus Poncho® VOTiVO™	602
Acceleron® Standard	310
Acceleron® Standard plus Poncho® VOTiVO™	603
Acceleron™ DC-309	297
Acceleron™ DX-612	298
Acceleron™ HX-209	300
Acceleron™ IC-609	301
Acquire™	311
Actinogro™ ST	312
Actinogrow	313
Actinovate® AG	314
Agri Star Metalaxyl® 265 ST	321
Agri Star®	318
Agri Star® Fludioxonil 4l ST	320
Agri Star® Macho™ 600 ST	324
Agrisolutions™	327
Agrisolutions™ Nitro Shield®	329
Allegiance®	330
Allegiance® Dry	100
Allegiance® FL	101
Allegiance® LS	102
Apron MAXX® Beans With Vibrance®	604
Apron MAXX® RFC	605
Apron MAXX® RTA®	606
Apron MAXX® RTA® + Moly	607
Apron®	334
Apron® XL	103
Ascend™	336
Attendant®	340
Attendant® 480 FS	341
Attendant® 600	342
Avicta®	345
Avicta® 500 FS	346
Avicta® Complete Beans 500	608
Avicta® Complete Beans 500 With Vibrance®	609
AXCESS™	356

Treatments	Code
Bean Guard®/ Allegiance®	610
Belmont™	363
Belmont™ 2.7 FS	364
Captan	371
Captan 400	105
Captan 400-C	106
Captan 4L	372
Clariva pn	611
Clariva® Elite Beans	612
Consensus™ Seed Treatment	374
Coronet™	613
Cruiser Maxx® Vibrance™ Cereals	112
Cruiser®	376
Cruiser® 5FS	110
CruiserMaxx®	614
CruiserMaxx® Advanced	615
CruiserMaxx® EZ	616
CruiserMaxx® Vibrance	617
CruiserMaxx® Vibrance® Beans	618
Dyna-Shield®	163
Dyna-shield® Fludioxonil	118
Dyna-Shield® Imidacloprid 5	165
Dyna-shield® Metalaxyl	121
Dyna-Shield® Metalaxyl 318 FS	122
Dynasty®	124
Emesto Prime	169
Employ®	170
Enhance®	394
Enhance® AW	395
Equity™	619
Evergol Energy SB	172
EverGol™ Energy	125
Gaicho®	175
Gaicho® 480 Flowable	176
Gaicho® 600 Flowable	177
Gaicho® SB Flowable	178
Grandevo®	179
Grandevo® PTO	180
Gravity® SL PGS	620
Heads Up© Plant Protectant	182
Heads Up© Seed Treatment	184
HiStick® N/T	621
Hm-1345 Flowable	185
ILeVO	622
Inovate® Pro Seed Protectant	623
Inovate® Seed Protectant	624

SEED TREATMENT PRODUCT CODE LIST (continued)

Section B, Item 12a

Treatments	Code	Treatments	Code
Integral®	186	Sharda Imidacloprid 5SC	249
Kernel Guard®	187	Signet™	250
Kernel Guard® Supreme	188	Signet™ 480 FS	251
KickStand™	189	Soil Triggrr®	485
KickStand™ PGR	190	Soil X-Cyto®	486
Kodiak®	191	Sonata®	252
Latitude	192	Spirato™ 480 FS	253
Macho® 480 ST	196	ST Warden® RTA®	629
Maxim®	200	Stamina®	488
Maxim® 4 FS	131	Stimulate™ Yield Enhancer	499
Maxim® XL	132	St-methyl 540 FS	630
Mertect® 340-F	133	Subtilex® NG	502
Messenger® Gold	204	Systiva® XS Xemium	504
Metalaxyl 4.0 ST	205	T-22™ HC	254
Mycostop®	209	Taegro® Biofungicide	255
N-Hibit®	210	Thiram® Granuflo	264
N-Hibit® Gold CST	211	Trilex®	266
N-Hibit® HX-209	212	Trilex® 2000	267
NipsIt INSIDE®	134	Trilex® AI	631
NipsIt	213	Trilex® Flowable	268
Nuprid® 4.6f Pro	625	Vault®	269
Poncho®	221	Vault® Hp	270
Poncho® 600	222	Vibrance™ Fungicide	154
Poncho® VOTiVO™	223	Vitaflo™	273
ProAct®	224	Vitaflo™ 280	274
Proline® 480 SC	225	VOTiVO™ FS	276
Rancona®	229	Warden® CX	632
Rancona® 3.8 FS	230	X-Cyte®	277
Rancona® CTS	458	Yield Shield®	278
Rancona® Summit	459	Product Not Known	998
Rancona® V RTU FS	144	Product Not Listed	999
Rancona® Xxtra	626		
Rancona® Xxtra Pro	627		
Regalia®	232		
Regalia® PTO	233		
Regalia® Rx	234		
Rizolex™	236		
Rootshield® WP	237		
Sebring™	242		
Sebring™ 2.65 ST	243		
Sebring™ 318 FS	244		
Sebring™ 480 FS	245		
Seed Shield®	628		
Senator®	246		
Senator® 600 FS	247		
Serenade® ASO	248		

COMMERCIAL SEED PRODUCT NAME AND CODE LIST

Section B, Item 13a

Seed Products	Code
GENUITY® ROUNDUP READY 2 YIELD® SOYBEANS	100
GENUITY® ROUNDUP READY 2 YIELD® SOYBEANS WITH SULFONYLUREA TOLERANCE	101
ROUNDUP READY 2 XTEND® SOYBEANS	106
ROUNDUP READY 2 XTEND® SOYBEANS WITH SULFONYLUREA TOLERANCE	107
LIBERTY LINK®	102
LIBERTY LINK® GT27™	110
LIBERTY LINK WITH SULFONYLUREA TOLERANCE SOYBEANS	103
ROUNDUP READY GT SOYBEANS	104
ROUNDUP READY WITH SULFONYLUREA TOLERANCE	105
SULFONYLUREA TOLERANT SOYBEANS	108
ENLIST E3™ SOYBEANS	109
PRODUCT NOT KNOWN	998
PRODUCT NOT LISTED	999

FEDERAL CROP INSURANCE COVERAGE

Section B, Item 32a

- 1 **Federal CAT** (*Basic Catastrophic Insurance*): A policy bought for a service fee and protects against crop loss greater than 50% of average yield, at 55% of the price. Administered by U.S. Department of Agriculture, Risk Management Agency.
- 2 **Yield Protection (YP) buy-up**: A policy bought for a paid premium and protects against crop loss due to natural causes such as drought, excessive moisture, hail, wind, frost, insects, and disease. Administered by U.S. Department of Agriculture, Risk Management Agency.
- 3 **Revenue Protection (RP)**: A policy bought for a paid premium and protects against yield losses due to natural causes such as drought, excessive moisture, hail, wind, frost, insects, and disease, and revenue losses caused by a change in the harvest price from the projected price. Administered by U.S. Department of Agriculture, Risk Management Agency.
- 4 **Other multiperil crop insurance**: Other Federally offered insurance policy other than those listed that was purchased for a service fee or paid premium and protects against crop losses or declines in revenue.

NITROGEN CODES

Section C, Item 3, Column 2 (Source/Form of N Used)

- 1 Anhydrous ammonia
- 2 Nitrogen solution (UAN)
- 3 Urea
- 4 Ammonium nitrate
- 5 Sodium nitrate
- 6 Ammonia sulfate
- 7 Potassium nitrate, magnesium nitrate, and calcium nitrate
- 8 Other nitrogen fertilizer material [specify: _____]

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 aircraft
- 4 In seed furrow
- 5 In irrigation water
- 6 Chisel/injected or knifed in
- 7 Banded in or over row
- 8 Foliar or directed spray
- 9 Spot treatments (**Section D** only)

Section C, item 3, Column 2

Common Fertilizers and Their Percent Analysis

[Enumerator Note: If Respondent cannot report the formulation for Section C, item 3 use the formulations below.]

Name	Form	Percent Active Ingredients			
		N	P ₂ O ₅	K ₂ O	S
Ammonia	D/L	80	---	---	---
Ammoniated superphosphate.....	D	12-17	22-35	---	---
Ammonium metaphosphate.....	D	12	51	---	---
Ammonium nitrate.....	D	32-34	---	---	---
Ammonium phosphate.....	D	11-18	46-48	---	---
Ammonium phosphate nitrate.....	D	27-30	10-15	---	---
Ammonium phosphate sulfate (APS).....	D	13-16	20	---	15
Ammonium polyphosphate (APP).....	L	10-11	34-37	---	---
Ammonium polysulfide (Ammonium Sulfate).....	L	20-21	---	---	24
Ammonium sulfate nitrate.....	D	20-30	---	---	5
Ammonium thiosulfate solution.....	L	12	---	---	26
Anhydrous ammonia.....	L/G	82	---	---	---
Aqua ammonia (Ammonium Hydroxide).....	L	16-25	---	---	---
Bone meal.....	D	0-2	10-20	---	---
Calcium ammonium nitrate.....	D	15-16	---	---	---
Diammonium phosphate sulfur.....	D	15-16	39-41	---	---
Diammonium phosphate (DAP).....	D	16-21	46-53	---	---
Elemental sulfur.....	D	---	---	---	52-100
Greensand.....	D	---	1	6	---
Magnesium sulfate.....	D	---	---	---	13
Monoammonium phosphate (MAP).....	D	11-13	48-62	---	---
Natralene.....	D/L	40	---	---	---
Nitrogen solutions.....	L	7-58	---	---	---
Nitric phosphate.....	D	12-17	22-35	---	---
Phosphate rock.....	D	---	2-35	---	---
Phosphoric acid.....	L	---	2-76	---	---
Potassium carbonate.....	D	---	---	34-48	---
Potassium chloride (Muriate of potash).....	D	---	---	60-62	---
Potassium magnesium sulfate.....	D	---	---	22	23
Potassium metaphosphate.....	D	---	55-57	37-38	---
Potassium nitrate.....	D	13	---	44	---
Potassium orthophosphate.....	D	---	30-60	30-50	---
Potassium polyphosphate.....	L	---	40-60	22-48	---
Potassium sodium nitrate.....	D	15	---	14-15	---
Potassium solutions.....	L	---	---	13-15	---
Potassium sulfate.....	D	---	---	50-53	16
Sodium nitrate (Nitrate of Soda).....	D	15-16	---	---	---
Sulfuric acid.....	L	---	---	---	20-26
Super phosphate (22% & under).....	D	---	16-22	---	11
Super phosphate (over 22%).....	D	---	23-39	---	11
Triple super phosphate.....	D	---	40-54	---	11
Urea.....	D	45-46	---	---	---
Urea, sulfur coated.....	D	36-38	---	---	13-16
Urea ammonium phosphate.....	D	25-58	28-35	---	---
Urea ammonium nitrate (UAN).....	L	28-32	---	---	---
Urea phosphate.....	D	17	44	---	---

CHEMICALS and PESTICIDES for SOYBEANS

F = Fungicide, H = Herbicide, I = Insecticide, M = Misc. Other, MD = Defoliant/Dessicant, MG = Growth Regulator,
 AS = Aqueous Suspension, D = Dry, DF = Dry Flowable, DG = Water-Dispersible Granules, E or EC = Emulsifiable Concentrate,
 ES = Emulsifiable Solution, F = Flowable, G or GR = Granular, L = Liquid, LV = Low Volatility M or ME = Microencapsulated,
 P = Pellets, S = Solution, S = Solution, SC = Soluble Concentrate, SL - Slurry, SP - Soluble Powder, W or WP - Wettable Powder,
 WDG or WG = Water-Dispersible Granules, WSP = Water-Soluble Packets

Form	Class	Code	Product Name	EPA #
L	H	40021	2,4-D LV 6	42750-20
L	H	40480	2,4-D AMINE - 4	62575-1
L	H	40479	2,4-D AMINE 4	42750-19
L	H	40538	2,4-D AMINE 4	1381-103
L	H	40752	2,4-D AMINE 6	42750-21
L	H	41501	2,4-D AMINE WEED KILLER	84009-4
L	H	40390	2,4-D LV. 4 ESTER	228-139
L	H	40936	2,4-D LV. 6 ESTER	228-95
L	H	40378	2,4-D LV ESTER 4	5905-90
L	H	40657	2,4-D LV4	1381-102
L	H	40580	2,4-D LV6	1381-101
L	H	41589	2,4-DB 200 WEED KILLER	2749-516
L	I	11726	A110.02	91234-104
L	I	11702	A115.02	91234-55
L	F	71007	A19649 Crop	100-1601
L	F	71062	A20259 Crop	100-1602
L	F	71061	A21461 Crop	100-1605
L	H	41848	A21472 Plus VaporGrip Technology	100-1623
L	F	71064	A225.08	91234-76
L	H	41956	A23011 Herbicide	100-1675
L	H	41917	A308.09	91234-48
L	H	41948	A326.02	91234-75
L	H	41947	A339.01	91234-60
L	I	11725	A363.03	91234-130
L	H	40128	AATREX 4L HERBICIDE	100-497
D	H	40143	AATREX NINE-O HERBICIDE	100-585
L	F	70709	ABOUT FLOWABLE FUNGICIDE	100-1098
L	F	70780	ABSOLUTE 500 SC FUNGICIDE	264-849
L	O	90171	ACCEL PLANT GROWTH REGULATOR SOLUTION	73049-29
L	H	41164	ACCORD HERBICIDE	524-326
L	H	40023	ACCORD XL HERBICIDE	524-517
D	I	10653	ACEPHATE 90 SP	70506-2
D	I	11346	ACEPHATE 90 WDG	34704-1051
D	I	10979	ACEPHATE 90SP	70506-487
D	I	10972	ACEPHATE 97UP INSECTICIDE	70506-8
L	H	41539	ACF900 Herbicide	524-614
L	H	41618	ACURON HERBICIDE	100-1466
L	H	41644	Acuron Flexi	100-1568
L	I	11369	ADAMA LAMBDA CY VC 223	66222-223
L	H	41651	AF302672 Herbicide	524-620
L	H	40595	AFG ORIGINAL	34704-889
L	H	40529	AFG PLUS	34704-890

Form	Class	Code	Product Name	EPA #
D	F	70809	AFLA-GUARD GR	100-1469
L	H	41538	AGSAVER GLYPHOSATE 41% PLUS	83772-8
L	H	41899	AGSAVER GLYPHOSATE 53.8%	83772-12
L	H	40948	AIM EC	279-3241
D	H	41165	AIM HERBICIDE	279-3194
L	H	40961	ALBAUGH DICAMBA DMA SALT	42750-40
L	H	40548	ALBAUGH TRIFLURALIN 4EC	42750-32
L	H	41330	ALLIGARE 2,4-D AMINE	81927-38
L	H	41776	AM900 Premix Herbicide	524-636
L	H	40478	AMINE 4 2,4-D WEED KILLER	34704-120
L	H	40477	AMINE 400 2,4-D WEED KILLER	2217-2
L	I	10968	AMMO 2.5 EC INSECTICIDE	279-3027
L	I	10914	ARCTIC 3.2 EC	1381-187
L	H	41941	ARGOS ULTRA	74530-75
L	H	41316	ARMEZON HERBICIDE	7969-262
L	H	41633	ARMEZON PRO	7969-372
L	H	41321	ARY 0411-004 HERBICIDE	70506-500
L	H	40138	ATRAZINE 4L	1381-158
L	H	40134	ATRAZINE 4L	34704-69
L	H	40133	ATRAZINE 4L	33270-10
L	H	40137	ATRAZINE 4L	5905-470
L	H	41171	ATRAZINE 4L	66222-36
L	H	40136	ATRAZINE 4L HERBICIDE	35915-4
D	H	40148	ATRAZINE 90 HERBICIDE	35915-3
D	H	40147	ATRAZINE 90 WDG HERBICIDE	34704-622
D	H	40150	ATRAZINE 90DF	66222-37
D	H	40146	ATRAZINE 90DF	33270-9
D	H	40771	AUTHORITY 75 DF HERBICIDE	279-3148
D	H	40693	AUTHORITY BROADLEAF HERBICIDE	279-3179
D	H	41240	AUTHORITY FIRST HERBICIDE	279-3195
L	H	41219	AUTHORITY IMI (F7119 4 SC) HERBICIDE	279-3330
D	H	41245	AUTUMN SUPER 51 WDG HERBICIDE	264-1134
D	I	11583	AX ACEPHATE 90 WDG	89167-27
L	H	41693	AX ATZ 4L-2 HERBICIDE	89167-38
D	H	41856	AX FLUMIOX	89167-45
L	H	41670	AX MET-FOME	89167-55
L	O	90676	AX PARAQUAT CONCENTRATE	89167-24
L	H	41657	AX-GLY 2X	89167-47
L	F	70969	AZOXYSTROBIN 13.5% + PROPICONAZOLE 11.7% SE	42750-289
L	F	70945	AZOXYSTROBIN 22.9% SC	42750-261
D	I	11310	AZTEC 2.1% GRANULAR INSECTICIDE	5481-9030
D	I	11311	AZTEC 4.67% GRANULAR INSECTICIDE	5481-9028

CHEMICALS and PESTICIDES for SOYBEANS

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 P = Pellets, S = Solution, S = Solution, SC = Soluble Concentrate, SL - Slurry, SP - Soluble Powder, W or WP - Wettable Powder,
 WDG or WG = Water-Dispersible Granules, WSP = Water-Soluble Packets

Form	Class	Code	Product Name	EPA #
L	H	41118	BALANCE FLEXX HERBICIDE	264-1067
L	H	41028	BANVEL + 2,4-D	70506-466
L	H	41061	BANVEL + ATRAZINE	70506-465
L	H	40632	BARRAGE HF	5905-529
L	H	40403	BAS 452 18H HERBICIDE	7969-133
L	F	70695	BAS 556 SC	7969-291
L	H	40502	BASAGRAN 5L HERBICIDE	7969-112
L	H	40871	BASAGRAN HERBICIDE	7969-45
L	I	10336	BAYTHROID 2 EMULSIFIABLE PYRETHROID INSECTICIDE	264-745
L	I	11046	BAYTHROID XL	264-840
L	I	11393	BESIEGE INSECTICIDE	100-1402
L	H	40726	BICEP II MAGNUM HERBICIDE	100-817
L	H	40727	BICEP LITE II MAGNUM HERBICIDE	100-827
L	I	11360	BIFEN 2EC AG INSECTICIDE/MITICIDE	83222-1
L	I	11032	BIFENTURE EC AGRICULTURAL INSECTICIDE	70506-57
L	H	40458	BOUNDARY 6.5EC HERBICIDE	100-1162
L	H	41027	BRASH	1381-202
L	F	70994	BRAVO 720	66222-276
L	I	11123	BRIGADE 2EC INSECTICIDE/MITICIDE	279-3313
L	I	11418	BRIGADIER HPG INSECTICIDE	279-3459
L	H	41386	BUCCANEER 5 EXTRA HERBICIDE	55467-15
L	H	40951	BUCCANEER GLYPHOSATE HERBICIDE	55467-10
L	H	40648	BUCCANEER PLUS GLYPHOSATE HERBICIDE	55467-9
L	H	40264	BUTYRAC 200 BROADLEAF HERBICIDE	42750-38
L	H	41334	CADENCE ATZ HERBICIDE	34704-950
L	H	41129	CADET HERBICIDE	279-3338
L	H	41803	CALLISTO GT	100-1470
L	H	40917	CALLISTO HERBICIDE	100-1131
L	H	41333	CALLISTO XTRA	100-1359
L	H	40119	CAPAROL 4L HERBICIDE	100-620
L	H	41119	CAPRENO HERBICIDE	264-1063
L	I	11031	CAPTURE 2 EC INSECTICIDE/MITICIDE	279-3069
L	I	11280	CAPTURE LFR SOIL INSECTICIDE	279-3302
L	O	90682	CAVALIER 2L	89799-1
L	H	41391	CHARGER MAX	1381-194
L	H	41089	CHARGER MAX ATZ	1381-199
L	H	41389	CHEETAH HERBICIDE	71368-112
L	I	10601	CHLORPYRIFOS 4E AG	66222-19
D	I	10759	CITATION INSECTICIDE	100-667
L	H	40570	CLARITY HERBICIDE	7969-137
L	H	41152	CLASH SELECTIVE HERBICIDE	228-615
L	H	41505	CLEAN SLATE	228-491

Form	Class	Code	Product Name	EPA #
L	H	41289	CLETHODIM 2 EC HERBICIDE	83222-30
L	H	40256	CLETHODIM 2E	42750-72
L	H	41900	CLETHODIM 2E	85678-23
L	I	11474	Cobalt Advanced	62719-615
L	H	40276	COBRA HERBICIDE	59639-34
L	I	10008	COMITE	70506-566
L	H	40673	COMMAND 3ME MICROENCAPSULATED HERBICIDE	279-3158
L	H	40129	CORNBELT ATRAZINE 4L	11773-1
D	H	40144	CORNBELT ATRAZINE 90 DF	11773-13
L	H	41343	CORNBELT METRO	11773-20
L	H	40916	CORNBELT SALVAN	11773-16
L	H	41663	CORNBELT TRIFLURALIN	11773-17
L	H	40941	CORNERSTONE	1381-191
L	H	40520	CORNERSTONE PLUS	1381-192
L	H	41328	CORNERSTONE PLUS 5	1381-241
L	H	41117	CORVUS HERBICIDE	264-1066
D	I	11416	COUNTER 20G	5481-562
D	I	10332	COUNTER CR	5481-547
L	H	41147	CREDIT XTREME HERBICIDE	71368-81
L	H	41383	CROP\$MART GLYPHOSATE 41% EXTRA	85945-1
D	H	41791	CRUSHER HERBICIDE	279-3589
L	H	40666	CUSTOMPAK PEAK HERBICIDE	10163-380
L	H	40878	DACTHAL FLOWABLE HERBICIDE	5481-487
L	H	41502	DDG 3-WAY HERBICIDE	42750-76
L	I	11009	DECIS 1.5 EC INSECTICIDE	264-1011
L	I	11510	DECLARE	279-3571
L	H	40643	DIABLO HERBICIDE	228-379
L	H	41354	DICAMBA AG	83222-14
L	H	41349	DICAMBA DGA 4SC	42750-209
L	H	40430	DICAMBA DMA 2# AG	70506-462
L	H	40962	DICAMBA DMA 4# AG	70506-461
L	H	41648	DIFLEXX DUO	264-1184
L	H	41522	DIFLEXX HERBICIDE	264-1173
L	I	50200	DIMETHOATE 400	34704-207
D	H	41123	DIMETRIC DF 75%	1381-197
L	H	41797	DIMETRIC LIQUID	1381-259
L	I	10745	DIMILIN 2L	70506-525
D	H	40767	DISTINCT HERBICIDE	7969-150
L	F	70539	DOMARK 230 ME FUNGICIDE	80289-7
D	H	41757	DPX-SBN49 HERBICIDE (WITH TOTALSOL SOLUBLE GRANULES)	279-9619
L	H	40131	DREXEL ATRAZINE 4L	19713-11
L	O	90294	DREXEL DEFOL 5	19713-388

CHEMICALS and PESTICIDES for SOYBEANS

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Form	Class	Code	Product Name	EPA #
L	H	40649	DREXEL IMITATOR PLUS	19713-526
L	H	41965	DREXEL MES-O-SATE HERBICIDE	19713-694
L	H	41774	DREXEL MESOTRYONE 4L	19713-685
L	H	41043	DREXEL ME-TOO-LACHLOR II HERBICIDE	19713-549
L	H	41861	DREXEL TRIZAR HERBICIDE	19713-686
L	H	41789	DREXEL TRIZMAX HERBICIDE	19713-688
L	H	41015	DREXEL TRIZMET II	19713-547
L	H	40746	DUAL II MAGNUM HERBICIDE	100-818
L	H	40747	DUAL II MAGNUM SI HERBICIDE	100-829
L	H	40745	DUAL MAGNUM HERBICIDE	100-816
D	H	41313	DUPONT INSTIGATE HERBICIDE	352-873
L	H	41716	DuPont Abundit Edge Herbicide	352-922
D	H	41121	DUPONT ACCENT Q HERBICIDE	352-773
D	H	41418	DUPONT AFFORIA HERBICIDE	352-889
L	F	70811	DUPONT APROACH FUNGICIDE	352-840
L	F	70810	DUPONT APROACH PRIMA FUNGICIDE	352-883
L	I	11460	DUPONT ASANA XL INSECTICIDE	59639-209
D	H	41323	DUPONT BASIS BLEND	352-854
D	H	40503	DUPONT CANOPY EX HERBICIDE	352-635
D	H	40265	DUPONT CANOPY HERBICIDE	352-444
L	H	40954	DUPONT CINCH ATZ HERBICIDE	352-624
L	H	41020	DUPONT CINCH ATZ LITE HERBICIDE	352-623
L	H	40985	DUPONT CINCH HERBICIDE	352-625
L	H	41503	DUPONT DPX-B2856 3.0 HERBICIDE	352-832
D	H	41233	DUPONT ENLITE HERBICIDE	352-757
D	H	41200	DUPONT ENVIVE HERBICIDE	352-756
L	H	41792	DuPont EverpreX herbicide	352-923
L	H	41710	DUPONT FEXAPAN HERBICIDE	352-913
L	I	10097	DUPONT LANNATE LV INSECTICIDE	352-384
D	H	41228	DUPONT LEADOFF	352-853
D	H	41134	DUPONT RESOLVE Q	352-777
D	H	41150	DUPONT STEADFAST Q	352-774
D	H	40466	DUPONT SYNCHRONY XP HERBICIDE	352-648
D	H	41388	DUPONT TRIVENCE HERBICIDE	352-887
L	F	70954	DUPONT VERTISAN FUNGICIDE	352-836
L	I	11286	DURIVO	100-1318
L	F	70500	ECHO 720	60063-7
L	H	41523	EH-1487 HERBICIDE	2217-936
L	I	11274	ENDIGO ZC	100-1276
D	F	70521	ENDURA FUNGICIDE	7969-197
L	H	41712	ENGENIA HERBICIDE	7969-345
L	H	41513	ENLIST DUO	62719-649

Form	Class	Code	Product Name	EPA #
L	H	40309	ESTERON 6E	62719-8
D	H	41405	F6482 45DF HERBICIDE	279-3340
L	H	41375	F7583-3 HERBICIDE	279-3442
D	H	41214	F9016 DF HERBICIDE	279-3413
D	H	41382	F9016-2 DF HERBICIDE	279-9560
L	I	11288	F9043 EC INSECTICIDE	279-3380
L	I	11354	F9114 EC INSECTICIDE	279-3426
L	I	11355	F9210-1 INSECTICIDE	279-3440
L	H	41342	F9310-6 HERBICIDE	279-3450
L	H	41672	F9310-7	279-3468
L	H	41573	F9312-3	279-3464
L	H	41794	F9314-3 Herbicide	279-3601
L	H	41468	F9324-9	279-3455
L	F	71063	F9654-1 Fungicide	279-3603
L	I	11379	FANFARE 2 SC INSECTICIDE/MITICIDE	66222-236
L	I	10993	FANFARE 2EC	66222-99
L	I	11402	FASTAC EC	7969-298
D	H	41381	Fierce M.U.P.	59639-206
L	H	41933	FINALE HERBICIDE	7969-444
D	H	41806	FIRSTSHOT SG BURNDOWN HERBICIDE WITH TOTALSOL SOLUBLE GRANULES	279-9609
L	F	70723	FITNESS FUNGICIDE	34704-1031
L	H	40633	FLEXSTAR	100-1101
L	H	41239	FLEXSTAR GT 3.5 HERBICIDE	100-1385
L	H	41030	FLUFENACET & ISOXAFLUTOLE SC HERBICIDE	264-852
L	F	70924	FLUTRIAFOL 250 G/L SC	279-3588
L	H	41253	FOMESAFEN 2 SL HERBICIDE	87655-2
L	H	41492	FOMESAFEN 22.1% SC	42750-229
D	I	10565	FORCE 3G INSECTICIDE	100-1075
D	I	11709	FORCE® 6.5G INSECTICIDE	100-1625
L	H	41540	FOREFRONT R&P	62719-524
L	H	40397	FORMULA 40	228-357
L	F	71097	Fortix NXT Fungicide	70506-442
L	H	41131	FRAMEWORK 3.3 EC	1381-216
L	H	40689	FULTIME HERBICIDE	62719-371
L	H	40596	FUSILADE DX HERBICIDE	100-1070
D	H	41029	GANGSTER HERBICIDE	59639-131
L	H	40685	GARLON 3A	62719-37
D	H	41202	GAUNTLET 70 DF HERBICIDE	279-3246
L	H	41063	GF-1279	62719-517
L	H	41136	GF-1280	62719-556
L	H	41725	GF-3335	62719-695
L	H	41281	GLUFOSINATE 280 HERBICIDE	88685-2

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Form	Class	Code	Product Name	EPA #
L	H	41198	GLY STAR GRASS AND WEED KILLER CONCENTRATE	42750-67
L	H	41508	GLY-4 PLUS HERBICIDE	84009-12
L	H	41325	GLYCEL 41% SL	86004-3
L	H	40048	GLYFOS HERBICIDE	4787-31
L	H	40675	GLYFOS X-TRA	4787-23
L	H	41067	GLYPHO 648	34704-929
L	H	41896	GLYPHO K6	34704-1111
L	H	40910	GLYPHOMAX	62719-323
L	H	40950	GLYPHOSATE	34704-866
L	H	40977	GLYPHOSATE 4 HERBICIDE	51036-312
L	H	41180	GLYPHOSATE 4 PLUS	81927-9
L	H	41023	GLYPHOSATE 41%	42750-60
L	H	41653	GLYPHOSATE 41%	53883-266
L	H	41902	GLYPHOSATE 41%	5905-635
L	H	41420	GLYPHOSATE 41% HERBICIDE	87659-3
L	H	41053	GLYPHOSATE 41% PLUS	42750-61
L	H	41722	GLYPHOSATE 5.4	81927-8
L	H	41011	GLYPHOSATE 53.8%	42750-59
L	H	40526	GLYPRO	62719-324
L	H	41086	GLYSUPREME AQUATIC HERBICIDE	80967-5
L	H	41813	GOAL 2XL HERBICIDE	92894-2
L	H	41937	GRAMOXONE 3LB	100-1652
L	H	40506	GRAMOXONE INTEON	100-1217
L	H	41283	GRAMOXONE SL 2.0	100-1431
L	I	11505	GRIZZLY TOO	1381-257
L	I	11168	GRIZZLY Z INSECTICIDE	1381-211
L	F	80088	GUSTAFSON ALLEGIANCE-FL SEED TREATMENT FUNGICIDE	264-935
L	H	41112	HALEX GT HERBICIDE	100-1282
D	H	41124	HALOSULFURON 75WDG HERBICIDE	2749-528
L	H	40736	HARNESS XTRA 5.6L HERBICIDE PREMIX FOR CORN	524-485
L	H	40630	HARNESS XTRA HERBICIDE	524-480
L	F	70549	HEADLINE FUNGICIDE	7969-186
L	F	70790	Headline SC	7969-289
L	H	41249	HELENA VISION	5905-576
L	O	90643	HELMQUAT 3SL	74530-48
L	H	41905	HELMQUIZ HERBICIDE	74530-79
L	F	71048	HELMSTAR PLUS SC	74530-69
L	H	41185	HELOSATE PLUS ADVANCED	74530-43
L	I	11228	HERO INSECTICIDE	279-3315
L	H	41483	HM-1151-A HERBICIDE	5905-593
L	I	11626	HM-1508 INSECTICIDE	5905-599
L	H	41910	HM-1782-A-HERBICIDE	5905-623

Form	Class	Code	Product Name	EPA #
L	H	41019	HM-2010	5905-542
L	I	11131	HOLSTER INSECTICIDE	34704-875
D	H	40931	HORNET HERBICIDE	5481-678
L	H	41227	IMAZETHAPYR 1.8% + GLYPHOSATE 22%	42750-147
L	H	40297	IMPACT HERBICIDE	5481-524
L	H	41764	ImpactZ Herbicide	5481-612
L	H	41735	INSTINCT HL	62719-692
L	H	41114	INTENSITY ONE POST-EMERGENCE GRASS HERBICIDE	34704-976
L	H	41026	INTENSITY POST-EMERGENCE GRASS HERBICIDE	34704-864
L	H	41365	INTIMIDATOR	34704-1065
L	I	10876	INTREPID 2F	62719-442
L	I	10351	KARATE 1EC	100-998
L	I	11352	KENDO INSECTICIDE	74530-38
L	H	40956	KEYSTONE LA HERBICIDE	62719-479
L	H	41579	KEYSTONE LA NXT	62719-670
L	H	41350	KEYSTONE NXT	62719-671
L	I	11508	KILTER INSECTICIDE	228-717
L	I	11148	LAMBDA CY EC INSECTICIDE	70506-120
L	I	11362	LAMBDA-CY AG	83222-42
L	I	11169	LAMBDASTAR 1 CS	71532-25
L	H	41033	LASSO HERBICIDE	524-314
L	H	41178	LATIGO	5905-564
L	H	41111	LAUDIS HERBICIDE	264-860
L	I	11284	LEVERAGE 360 INSECTICIDE	264-1104
L	H	41306	LEXAR EZ HERBICIDE	100-1414
L	H	41052	LEXAR HERBICIDE	100-1201
L	H	41575	LIBERTY 2,4-D ESTER 6	89168-5
L	H	41817	LIBERTY 280 SL HERBICIDE	7969-448
L	F	70896	LIBERTY AZOXYPROP	89168-42
L	F	71065	LIBERTY AZOXY-TET	89168-52
L	I	11707	LIBERTY BIFEN-IMID .5-.25	89168-34
L	I	11399	LIBERTY BIFENTHRIN 2 EC	89168-19
L	H	41356	LIBERTY CLETHODIM 2EC	89168-11
L	H	41366	LIBERTY GLYPHOSATE PLUS	89168-17
L	H	41814	LIBERTY HERBICIDE	7969-447
L	I	11398	LIBERTY IMIDACLOPRID 4 SC	89168-23
L	I	11428	LIBERTY IMIDACLOPRID BIFENTHRIN	89168-21
L	I	11370	LIBERTY LAMBDA-CY 1 EC	89168-16
L	H	41671	LIBERTY METCHLORBUZIN	89168-28
D	H	41484	LIBERTY METRIBUZIN 75DF	89168-30
L	H	41782	LIBERTY SULFENTRAZONE SC	89168-48
L	H	41479	LIFELINE HERBICIDE	70506-310

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Form	Class	Code	Product Name	EPA #	Form	Class	Code	Product Name	EPA #
D	I	10101	LORSBAN 15G	62719-34	L	H	41045	NUFARM CREDIT DUO HERBICIDE	71368-25
L	I	10105	LORSBAN ADVANCED	62719-591	L	H	40975	NUFARM CREDIT HERBICIDE	71368-20
L	I	10983	LORSBAN-4E	62719-220	L	H	40053	NUFARM EXTRA CREDIT 5 HERBICIDE	71368-43
L	H	40938	LOW VOL 6 ESTER WEED KILLER	34704-125	D	H	41335	NUP-12060	71368-103
L	H	41913	LPI CLETHODIM	34704-954	L	I	10269	OBERON 4 SC INSECTICIDE/MITICIDE	264-850
L	I	11601	LPI Diflubenzuron 2L	34704-1103	L	O	90424	ONAGER MITICIDE	10163-277
L	H	41855	LPI S-METOLACHLOR HERBICIDE	34704-1073	L	F	70630	ONSET 3.6L	1381-203
L	H	41307	Lumax EZ Herbicide	100-1442	L	H	41870	ORACLE DICAMBA AGRICULTURAL HERBICIDE	93182-10
L	H	40952	LUMAX SELECTIVE HERBICIDE	100-1152	L	F	70725	ORIOUS 20EW	66222-128
L	H	40896	LV 400 2,4-D WEED KILLER	2217-77	D	I	10652	ORTHENE 90S	5481-8974
L	H	41711	M1768 HERBICIDE	524-617	L	H	40932	OUTLOOK HERBICIDE	7969-156
L	H	41906	M1769 PREMIX HERBICIDE	524-616	D	H	41319	PANTHER HERBICIDE	71368-102
L	H	41138	MAKAZE YIELD-PRO	34704-1033	L	H	41892	Panther Pro Herbicide	71368-120
L	H	41467	MANA 25311	66222-251	L	H	41667	Panther SC - AG Herbicide	71368-113
L	H	41587	MANA 31301	66222-256	L	H	41062	PARALLEL	66222-87
L	H	41218	MATADOR	34704-1054	L	H	41066	PARAQUAT CONCENTRATE	82542-3
L	H	41582	MATADOR-S	34704-1067	L	O	90438	PARAQUAT SL HERBICIDE	82557-1
L	F	80078	MAXIM 4FS	100-758	L	H	41743	PARAZONE 3SL HERBICIDE	5481-615
L	H	40196	MCPA SODIUM SALT	5905-510	L	I	11247	PERMETHRIN	34704-873
L	H	40178	MEDAL HERBICIDE	100-964	L	I	11391	PERMETHRIN 3.2 AG	83222-3
L	H	40934	MEDAL II HERBICIDE	100-965	L	H	41049	POAST HERBICIDE	7969-58
L	F	70793	MERIVON XEMIIUM BRAND FUNGICIDE	7969-310	L	F	71055	PREEMPTOR FUNGICIDE	279-3620
L	H	41771	MESOTRIONE 4L	42750-315	L	H	41151	PREFIX HERBICIDE	100-1268
L	H	41266	METOLACHLOR 7.8	60063-24	L	O	90034	PREP BRAND ETHEPHON FOR COTTON AND TOBACCO	264-418
L	H	41116	METRI 4F HERBICIDE	70506-68	L	F	70506	PREV-AM ULTRA	72662-3
D	H	40175	METRI DF	70506-103	L	I	11395	PREVATHON INSECT CONTROL	279-9612
L	H	41515	METRIBUZIN 4 L	34704-990	L	F	70916	Priaxor D Fungicide	7969-361
D	H	41734	Metribuzin 70 WDG	83529-44	L	F	70764	PRIAXOR XEMIIUM BRAND FUNGICIDE	7969-311
D	H	41256	METRIBUZIN 75	34704-876	D	H	41429	PRIMERO AGRICULTURAL HERBICIDE	83100-8
D	H	40496	METRIBUZIN 75WG	66222-106	L	H	40857	PRINCEP 4L HERBICIDE	100-526
D	H	41355	METRIBUZIN TECHNICAL HERBICIDE	264-728	L	F	70610	PROLINE 480 SC FUNGICIDE	264-825
L	H	40353	MEYCHEM GLYPHOSATE HERBICIDE	80967-1	L	F	70767	PROPICONAZOLE 41.8% EC	42750-211
L	H	40528	MIRAGE PLUS	34704-883	L	F	70774	PROVOST 433 SC FUNGICIDE	264-861
L	F	71022	MIRAVIS ACE	100-1645	L	H	40655	PROWL 3.3 EC HERBICIDE	241-337
L	H	41890	Moccasin II Herbicide	70506-333	L	H	41010	PROWL H2O HERBICIDE	241-418
L	H	41955	MON 301108 Herbicide	524-659	L	H	40363	PURSUIT HERBICIDE	241-310
L	H	40692	MON 58425	524-473	D	H	40733	PYTHON HERBICIDE	5481-677
L	H	40876	MON 58494	524-511	L	F	70692	QUADRIS GOLD	100-1243
L	H	41113	MON 63410 HERBICIDE	524-591	L	F	70951	QUADRIS S	100-1222
L	H	41042	MON 78270 HERBICIDE	524-537	L	F	70689	QUADRIS TOP FUNGICIDE	100-1313
L	H	41888	MONGOOSE	34704-1119	L	F	70761	QUADRIS XTRA FUNGICIDE	100-1225
L	H	40491	NORTRON E.C.	264-612	L	H	40957	QUALI-PRO GLYPHOSATE T&O	53883-515

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L	F	70525	QUILT FUNGICIDE	100-1178
L	F	70726	QUILT XCEL FUNGICIDE	100-1324
L	O	90567	RADIATE	34704-909
L	H	40987	RAPTOR HERBICIDE	241-379
L	H	40509	RD 1617 HERBICIDE	524-549
D	H	41309	REALM Q HERBICIDE	352-837
D	H	41729	REDEAGLE FLUMIOXAZIN 51% WDG	85678-34
L	H	40365	REFLEX HERBICIDE	100-993
L	H	41632	RESICORE	62719-693
L	H	40628	RESOURCE HERBICIDE	59639-82
L	F	71056	REVYTEK FUNGICIDE	7969-406
L	H	40620	RIFLE HERBICIDE	34704-861
L	I	11341	ROTAM 4F INSECTICIDE	83100-21
L	H	41646	ROTAM MESOTRIONE 480 SC	83100-41
L	H	41773	Rotam Metolachlor+Mesotrione	83100-48
L	H	41004	ROUNDUP CUSTOM HERBICIDE	524-343
L	H	40661	ROUNDUP EXPORT HERBICIDE	524-308
L	H	40942	ROUNDUP HERBICIDE	524-445
L	H	41007	ROUNDUP ORIGINAL 2K HERBICIDE	524-539
L	H	41162	ROUNDUP ORIGINAL II HERBICIDE	524-454
L	H	40653	ROUNDUP PRO CONCENTRATE	524-529
L	H	41096	ROUNDUP PROMAX	524-579
L	H	40905	ROUNDUP READY-TO-USE WEED & GRASS KILLER	71995-8
L	H	41159	ROUNDUP ULTRA HERBICIDE	524-475
L	H	40842	ROUNDUP ULTRAMAX	524-512
L	H	40519	ROUNDUP VM HERBICIDE	524-544
L	H	40229	ROUNDUP WEED & GRASS KILLER CONCENTRATE PLUS	71995-29
L	H	40766	SABER HERBICIDE	34704-803
L	H	40372	SALVO	34704-609
L	F	70823	SATORI FUNGICIDE	34704-1068
L	H	41401	SAUSX-01	82534-5
L	H	41606	SCEPTER HERBICIDE	5481-597
L	I	11323	SCORPION 35SL INSECTICIDE	10163-317
L	H	41173	SECTION 2EC HERBICIDE	1381-204
L	H	41041	SELECT 2EC HERBICIDE	59639-3
L	H	40848	SELECT HERBICIDE	59639-78
D	H	40209	SENCOR DF 75% DRY FLOWABLE HERBICIDE	264-738
L	H	41025	SEQUENCE HERBICIDE	100-1185
L	H	41718	SHAFEN STAR	83529-25
L	H	41135	SHARPEN POWERED BY KIXOR HERBICIDE	7969-278
L	H	41895	SHOTARAN 4SC	83529-33
L	H	41396	SHREDDER 2,4-D LV6	1381-250

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L	H	41805	Shutdown Herbicide	70506-326
L	I	10158	SILENCER	66222-104
L	H	40163	SIMAZINE 4L	9779-296
L	H	40162	SIMAZINE 4L FLOWABLE HERBICIDE	34704-687
D	H	40440	SIMAZINE 90DF	19713-252
L	I	11124	SNIPER	34704-858
L	O	90628	SODIUM CHLORATE SOLUTION	2342-977
L	H	41613	SONALAN HFP	10163-356
D	H	41385	SONIC HERBICIDE	62719-680
L	H	40947	SPARTAN 4F	279-3220
D	H	41040	SPARTAN HERBICIDE	279-3189
L	F	71057	STADIUM FUNGICIDE	100-1453
L	H	41016	STALWART C	60063-22
L	H	41907	STALWART MTZ	60063-52
L	H	40060	STARANE ULTRA	62719-577
D	H	41110	STATUS HERBICIDE	7969-242
L	H	41260	STEALTH	34704-868
L	H	41348	STERLING BLUE	1381-248
L	I	11628	STEWART EC INSECTICIDE	279-9596
L	H	40425	STINGER	62719-73
L	F	70473	STRATEGO FUNGICIDE	264-779
L	F	70768	STRATEGO YLD FUNGICIDE	264-1093
L	H	40939	STRATEGY	34704-836
L	H	41317	STRUT HERBICIDE	34704-1043
L	H	41115	SURESTART HERBICIDE	62719-570
L	H	41535	SURESTART II	62719-679
L	H	41001	SURFLAN 0.25 A.S.	70506-47
L	H	40617	SURPASS EC HERBICIDE	62719-367
L	H	41586	SURPASS NXT	62719-672
D	H	41511	SURVELL	62719-689
L	I	11439	SWAGGER	34704-1045
L	H	41120	TAPOUT	5905-578
L	H	41331	TAPOUT WFP	5905-586
L	H	40507	TARGA HERBICIDE	33906-9
L	F	70909	TEBUCON 3.6F FUNGICIDE	69361-11
L	F	70699	TEBUCONAZOLE 3.6FL	42750-99
L	H	41631	TENKOZ ATRAZINE 4L HERBICIDE	55467-13
L	F	71004	TIGRIS AZOXYPROP	92647-1
L	F	70072	TILT	100-617
L	F	70606	TILT BRAVO SE	100-1192
L	H	41225	TOMAHAWK 5	33270-15
L	I	10978	TOMBSTONE	34704-912

CHEMICALS and PESTICIDES for SOYBEANS

F = Fungicide, H = Herbicide, I = Insecticide, M = Misc. Other, MD = Defoliant/Dessicant, MG = Growth Regulator,
 AS = Aqueous Suspension, D = Dry, DF = Dry Flowable, DG = Water-Dispersible Granules, E or EC = Emulsifiable Concentrate,
 ES = Emulsifiable Solution, F = Flowable, G or GR = Granular, L = Liquid, LV = Low Volatility M or ME = Microencapsulated,
 P = Pellets, S = Solution, S = Solution, SC = Soluble Concentrate, SL - Slurry, SP - Soluble Powder, W or WP - Wettable Powder,
 WDG or WG = Water-Dispersible Granules, WSP = Water-Soluble Packets

Form	Class	Code	Product Name	EPA #
L	I	11173	TOMBSTONE HELIOS	34704-978
L	H	41318	TOP GUN	34704-1058
L	F	70901	TOPGUARD FUNGICIDE	279-3557
L	H	40238	TOUCHDOWN TOTAL	100-1169
L	I	10654	TRACER	62719-267
L	H	41047	TREFLAN 4L HERBICIDE	34704-853
L	H	41914	TRIBAL	34704-1127
L	H	40550	TRIFLURALIN 4 E.C.	5905-519
L	H	40292	TRIFLUREX HFP	66222-46
L	H	41003	TRIPLET SF	228-312
L	F	70978	Trivapro Fungicide	100-1613
L	I	11159	TUNDRA EC	1381-196
L	I	11513	TUNDRA SUPREME	1381-243
L	H	40913	ULTRABLAZER HERBICIDE	70506-60
L	H	41544	UNICO 2,4-D LO-V ESTER WEED KILLER	84009-5
L	I	11135	UP-CYDE 2.5 EC AGRICULTURAL INSECTICIDE	70506-20
L	H	41765	UP-FRONT HERBICIDE	19713-677
L	H	41795	UPROAR	83222-37
L	F	71096	USF 0411	264-1207
L	H	41768	USF 0728 325 SC FUNGICIDE	264-1055
D	H	41203	V-10089 WDG (HERBICIDE)	59639-117
L	H	40005	V-10137 1 EC HERBICIDE	59639-132
D	H	41338	V-10233 HERBICIDE	59639-193
D	H	41368	V-10364 Herbicide	59639-194
L	H	41894	V-10448 2.64 SC Herbicide	59639-236
D	F	70125	VALOR BRAND PRODUCTS DUSTING SULPHUR	34704-724
D	H	40014	VALOR HERBICIDE	59639-99
D	H	40940	VALOR WP HERBICIDE	59639-98
L	H	41749	VAQUERO	2935-559
L	I	11710	VCP-03 1.75 SC INSECTICIDE	89118-2
D	H	41750	VELOCITY SG HERBICIDE	59639-136
L	H	41172	VELOSSA	5905-579
L	F	71058	VELTYMA FUNGICIDE	7969-409
L	I	11580	VELUM TOTAL	264-1171
L	H	41137	VERDICT POWERED BY KIXOR HERBICIDE	7969-279
L	I	11658	VERIMARK INSECT CONTROL	279-9616
L	H	41901	VHP58 Herbicide	279-9643
L	H	41221	VIDA HERBICIDE	10163-314
L	F	70728	VIVANDO FUNGICIDE	7969-284
L	H	40959	VOLLEY ATZ LITE TENKOZ HERBICIDE	55467-6
L	H	41132	VOLLEY ATZ TENKOZ HERBICIDE	55467-7
L	H	41889	VOLUNTEER 2EC HERBICIDE	55467-17

Form	Class	Code	Product Name	EPA #
L	I	11321	WARHAWK	34704-857
L	I	11167	WARRIOR II WITH ZEON TECHNOLOGY	100-1295
L	I	11038	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	100-1112
L	H	40135	WEED PRO ATRAZINE 4L HERBICIDE	42750-45
L	H	40096	WEEDAR 64 BROADLEAF HERBICIDE	71368-1
L	H	40406	WEEDONE LV4 BROADLEAF HERBICIDE	71368-14
L	H	41013	WIDEMATCH HERBICIDE	62719-512
L	H	41357	WILLOWOOD FOMESAFEN 1.88 EC	87290-20
L	H	41514	WILLOWOOD GLUFOSINATE 280SL	87290-41
L	I	11127	WRANGLER INSECTICIDE	34704-931
L	H	41909	XtendiMax With VaporGrip Technology	264-1210
D	H	41311	YUKON HERBICIDE	81880-6
L	H	41310	ZEMAX SELECTIVE HERBICIDE	100-1410
D	H	41285	ZIDUA HERBICIDE	7969-338
L	H	41709	ZIDUA PRO POWERED BY KIXOR HERBICIDE	7969-365
L	H	41733	ZIDUA SC HERBICIDE	7969-374

MACHINERY and IMPLEMENT CODES**Section F, Item 1, Columns 3 & 4****PLOWS and DISKS**

- 01 Chisel Plow (Big Ox)
- 02 Coulter Plow (Coulter Chisel, Soil Saver, Soil Conserver)
- 03 Deep Ripper (Knife, Bed knife, Slide)
- 04 Disk Plow
- 07 Stubble–Mulch (Noble, Sweeps, Hoeme, Plow, Muckery Plow)
- 08 Subsoiler (Chisel, Ripper, V–Ripper, Inline)
- 09 Disk–Chisel (Mulch Tiller)
- 16 Paraplow

Moldboard

- 05 Regular
- 06 Two Way (Turn, Switch)

Offset Disk

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

Tandem Disk

- 14 Plowing
- 15 Regular

PACKERS

- 51 Culti–packer (Pulverizer, Crow–Foot, Serrated, Ring, Spiral)

Roller–Packer

- 37 Roller (Culti–mulcher, Pulvi–mulcher, Crumbler, Packer–mulcher, Packer & Shanks)
- 48 Seedbed Roller (Flat Roller, Land Roller)
- 52 Attachment
- 53 Smooth & Flat (Rock Roller)

PLANTERS

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

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)
- 67 Root Crown Puller
- 68 Stalk Puller/Chopper
- 69 Vertical Tiller (Turbomas)
- 70 Strip Tiller

BEDDERS–SHAPERS

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

Disk

- 43 Hipper
- 44 Row
- 45 Float
- 46 Lister (Middle–buster)
- 47 Rorovator–bedder
- 49 Sub–soil Bedder (Ripper–hipper)
- 50 Discovator

FERTILIZER APPLICATIONS

- 71 Aerial (Airplane)
- 72 Attachment to implement
- 73 Manure Spreader
- 74 Self–propelled
- 75 Truck Spreader
- 82 Drones (UAV)

Tractor Mounted

- 76 Anhydrous
- 77 Dry
- 78 Liquid

Trailer Mounted

- 79 Anhydrous
- 80 Dry
- 81 Liquid

HARROWS (DRAGS)

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

CULTIVATORS**Field Cultivators**

- 21 Regular Digger, Triple K, Danish Tined, Swedish Tined, Incorporated, S–tine, Cultivator, Vibra–shank Harrow, Lillston Tiller)
- 22 Furrow–out Cultivator
- 23 Rotary Hoe (Crust Buster)
- 26 Heavy Duty (Duckfoot Cultivator)
- 27 Row Marker
- 28 Fallow Master

Row Cultivators

- 24 Disk Sweep, Shovel
- 25 Rolling, Rotary

CHEMICAL APPLICATIONS

- 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
- 99 Drones (UAV)
- 100 See and Spray (Automated or robotic spraying)

DRILLS and SEEDERS

- 101 Aerial Seeding
- 102 Broadcast Seeder
- 103 Air Delivery
- 104 Lister Disk
- 105 No-till or minimum till
- 106 Plain (Tye)
- 107 Press, Disk or Hoe

HARVESTING EQUIPMENT

- 204 Silage Harvester
- Small Grains/Row Crops Combine**
- 121 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
- 133 Corn Picker
- 134 Hand Harvesting

PTO Power Take off

WD Wheel Drive

LAND FORMING EQUIPMENT

- 171 Backhoe
- 172 Disk Border Maker
- 173 Ditch Closer
- 174 Ditcher
- 175 Levee Plow Disk
- 177 Rear Mounted Blade
- 178 Corrugator (Furrow Dicer, Dammar Dicer, Dicer)
- 180 Land Plane Leveler (Water Leveler)
- 181 Laser Planer, Laser Leveler
- 182 Gate Setter
- 183 Bull Dozer
- 197 Rock Picker

ENUMERATOR NOTE:

For Land Forming Equipment Codes 171–184,
enter Total Hours Operated in Column 9.

MOWERS and BALERS

- 141 Amish Harvester
- Baler**
- 145 Motor Mounted
- 146 PTO (Large)
- 147 PTO (Small)
- 148 Self-propelled
- Mowers**
- 149 Mower-chopper-Rotary
- 150 Conditioner/PTO
- 151 Self-propelled
- 152 Drum disk
- 153 Flail
- 154 Sickle
- Rakes**
- 155 Dump
- 156 Side Delivery
- 157 Wheel
- 162 Hay Tedder
- 163 Rotary
- 234 Brush Rake Sweeper

HAULING EQUIPMENT**Bale wagon/mover**

- 142 Bale wagon (PTO)
- 143 Bale Wagon (Self-propelled)
- 144 Bale Loader
- 158 Stack Mover
- 159 Stacker, Automatic
- 160 Front End Loader
- 161 Round Bale Mover
- 195 Hay Wagon
- 224 Forklift
- Trailers**
- 194 General Purpose Wagon or Cart
- 195 Hay Wagon
- 208 Gravity Wagon
- 209 Auger Grain Cart
- 210 Auger Grain Cart (Self-propelled)
- 221 Forage Wagon
- 222 Dump Wagon
- 228 Other Trailers
- 229 Bin Trailer

Trucks

- 301 Single Axle
- 302 Tandem Axle
- 303 Tri Axle
- 304 Semi
- 305 Other Trucks

OTHER IMPLEMENTS

- 191 Burn Buggy
- 192 Chaff/straw Saver
- 193 Electric-discharge Weed Killer
- 196 Off-field Thresher
- 198 Rock Windower or Rake
- 200 Roller Groover
- 201 Rubber-wheeled Weed Puller
- 202 Flail Shredder
- 203 Rotary Shredder
- 205 Stalk Shredder, Stalk Cutter
- 206 Swath Roller
- 207 Tractor or Truck – No attachments
- 223 Flame Thrower

IRRIGATION TYPE CODES

Section G, Item 2

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	18	Open discharge from well or pump
		19	Other

CONVERSION FACTORS FOR LIQUID AND DRY PRODUCTS

Liquid Products	Dry Products
1 Gallon = 4 Quarts	1 Lb = 16 oz
1 Gallon = 3.785 Liters	1 oz = 28.35 Grams
1 Gallon = 8 Pints = 128 fluid oz	1 oz = 0.0625 Lbs.
1 Quart = 2 Pints	1 Lb = 453 Grams = 0.45 Kg
1 Pint = 16 fluid oz	1 Kg = 1,000 Grams
2 cups = 1 Pint	1 Kg = 2.02046 Lbs

Notes:

Notes:
