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REPORT FOR CALENDAR YR 2002

U.S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS

FORM **MA333A**

CURRENT INDUSTRIAL REPORTS

FARM MACHINERY AND LAWN AND GARDEN EQUIPMENT

{Shipments}

The 8-digit number that appears above indicates that the Office of Management and Budget has approved this survey. If that number is not displayed, do not complete this form. YOUR RESPONSE IS REQUIRED BY LAW {Title 13, United States Code}. By section 9 of the same law, YOUR REPORT IS CONFIDENTIAL. It may be seen only by persons sworn to uphold the confidentiality of Census Bureau information and may be used only for statistical purposes. The law also provides that copies retained in your files are immune from legal process.

In correspondence pertaining to this establishment's report. please refer to the 11 digit Identification Number (ID)

If you have questions regarding this report form please contact:
VANCE DAVIS EXT4
1{800}201-4647

EMPLOYER IDENTIFICATION (EI) NUMBER. Identification number used on Employer's Quarterly Federal Tax Return (U.S. Treasury Department Form 941) ***(Enter if not shown, correct if wrong.)***

CONTACT PERSON *(Enter information if not shown, correct if wrong.)*
Name ATTN: CONTROLLER

Area code Number -

Fax number

(Please correct any error in name and address including ZIP Code)

PART I FOR EACH ITEM LISTED BELOW, ENTER FIGURES OR "0" for current period. ***(The figures shown in the shaded areas were reported for the previous two periods.)*** **PLEASE REFER TO THE INSTRUCTIONS BEFORE COMPLETING THIS REPORT FORM.**

Item (Product code – Description)	Item code	Report period	TOTAL SHIPMENTS Domestic & export Quantity Number of units	Value Thous. dollars	{Do not report imported or purchased products on which your company performed no further fabrication or significant assembly.}			
			1	2	3	4	5	6
3331111101-Wheel tractors, farm type, 2-wheel drive {include front wheel assist types}	6101	2002						
		2001						
		2000						
3331111106-4-wheel drive farm tractors with equal size tires, front and rear	6130	2002						
		2001						
		2000						
3331111111-Attachments for wheel tractors, farm type {see manual for exclusions}	6187	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
3331111100-TOTAL farm type wheel tractors and attachments {sum of items 6101-6187}	6198	2002						
		2001						
		2000						

*** Figures not received when form was prepared. PLEASE ENTER, if not previously submitted.**

Continue on Page 2.

PART I – Continued

Item (Product code – Description)	Item code	Report period	TOTAL SHIPMENTS Domestic & export Quantity Number of units	Value Thous. dollars	{Do not report imported or purchased products on which your company performed no further fabrication or significant assembly.}			
			1	2	3	4	5	6
333111C116-Parts for farm type wheel tractors {see manual for exclusions}	6199	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
3331113101-Milking machines, complete; suspended & floor type bucket, single & double units	6204	2002						
		2001						
		2000						
3331113104-Pipeline milking units complete {see manual for inclusions}	6208	2002						
		2001						
		2000						
3331113106-Other farm dairy machines and equipment	6213	2002						
		2001						
		2000						
3331113108-Attachments for farm dairy machines & equipment {report value only}	6216	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
X X X -TOTAL-farm dairy machines and equipment {sum of item codes 6204-6216} {report value only}	6217	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
333111C221-Parts for farm dairy machines & equipment	6218	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
3331113116-Power sprayers, field and row crop types only, self-propelled	6219	2002						
		2001						
		2000						
3331113121-Power sprayers, field & row crop crop types only, tractor mounted	6230	2002						
		2001						
		2000						
3331113124-Power sprayers, field & row crop types, other than tractor mounted, PTO driven piston pump type	6240	2002						
		2001						
		2000						

PART I – Continued

Item (Product code – Description)	Item code	Report period	TOTAL SHIPMENTS Domestic & export Quantity Number of units	Value Thous. dollars	{Do not report imported or purchased products on which your company performed no further fabrication or significant assembly.}			
			1	2	3	4	5	6
3331113128-Power sprayers, field & row crop types, other than tractor mounted, nonpiston pump type	6245	2002						
		2001						
		2000						
3331113132-Other power sprayers, field & row crop types,over 4 g.p.m.	6246	2002						
		2001						
		2000						
3331113136-Power sprayers, other than field & row crop types over 4 g.p.m. {15.2 l.p.m.} PTO driven	6247	2002						
		2001						
		2000						
3331113141-Power sprayers, other than field & row crop types over 4 g.p.m., engine driven	6249	2002						
		2001						
		2000						
3331113144-Air carried type power sprayers {field, row crop & orchard types}	6250	2002						
		2001						
		2000						
3331113148-Portable foggers and mist sprayers	6251	2002						
		2001						
		2000						
3331113152-Hand-pulled and garden type power sprayers, 4 g.p.m. and under	6258	2002						
		2001						
		2000						
3331113156-Agricultural hand sprayers, under 1 gallon	6259	2002						
		2001						
		2000						
3331113161-Agricultural hand sprayers, 1 gallon and over compressed air or gas	6261	2002						
		2001						
		2000						
3331113164-Other agricultural hand sprayers, incl. knapsack, hose end and flame sprayers and sprayer pumps	6262	2002						
		2001						
		2000						

PART I – Continued

Item (Product code – Description)	Item code	Report period	TOTAL SHIPMENTS Domestic & export Quantity Number of units	Value Thous. dollars	{Do not report imported or purchased products on which your company performed no further fabrication or significant assembly.}			
			1	2	3	4	5	6
3331113168-Dusters, power, hand, all types	6263	2002						
		2001						
		2000						
3331113172-All other sprayers {report value only}	6264	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
3331113176-Attachments for sprayers and dusters {report value only}	6265	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
X X X -TOTAL sprayers and dusters {sum of items 6219-6265} {report value only}	6268	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
333111C223-Parts for sprayers and dusters - {report value only}	6269	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
3339227253-Farm elevators, conveyors, and stackers - Single and double chain	6270	2002						
		2001						
		2000						
3339227255-Farm elevators, conveyors, and stackers - Auger type	6272	2002						
		2001						
		2000						
3339227257-Other farm elevators, conveyors, and stackers {except as specified under item 6851}	6273	2002						
		2001						
		2000						
3331113192-Farm blowers, including forage blowers, combination grain and forage blowers	6274	2002						
		2001						
		2000						
333113194- Attachments for farm blowers {report value only}	6282	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					

PART I – Continued

Item (Product code – Description)	Item code	Report period	TOTAL SHIPMENTS Domestic & export Quantity Number of units	Value Thous. dollars	{Do not report imported or purchased products on which your company performed no further fabrication or significant assembly.}			
			1	2	3	4	5	6
X X X -TOTAL,farm elevators and blowers {sum of items 6270-6282} {report value only}	6284	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
333111C225-Parts for farm blowers	6286	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
3331117101-Corn planters,corn & cotton planters, & lister planters - pull type & mounted, total rows-mounted	6321	2002						
		2001						
		2000						
3331117108-Grain drills {fixed frame} all types	6324	2002						
		2001						
		2000						
3331117111-Transplanters {pull type or mounted}, & broadcast seeders {end-gate, mounted and drawn}	6340	2002						
		2001						
		2000						
3331117118-Fertilizer distributors {pull type or mounted}-dry, include lime spreaders {see manual}	6350	2002						
		2001						
		2000						
3331117121-Fertilizer distributors {pull type or mounted}-liquid & anhydrous ammonia	6357	2002						
		2001						
		2000						
3331117128-Manure spreaders, rear discharge	6361	2002						
		2001						
		2000						
3331117131-Manure spreaders, tank type, side discharge	6365	2002						
		2001						
		2000						
3331117138-Manure pumps, liquid	6369	2002						
		2001						
		2000						

PART I – Continued

Item (Product code – Description)	Item code	Report period	TOTAL SHIPMENTS Domestic & export Quantity Number of units	Value Thous. dollars	{Do not report imported or purchased products on which your company performed no further fabrication or significant assembly.}			
			1	2	3	4	5	6
3331117141-Front&rear tract. mounted loaders {farm type} manure & gen'l utility {ex. beet & sugar cane loaders}	6373	2002						
		2001						
		2000						
3331117148-Row crop unit planters {report number of rows in quantity column}	6377	2002						
		2001						
		2000						
3331117151-Other planting, seeding, & fertilizing machinery {except machinery specified above}	6379	2002						
		2001						
		2000						
3331117158-Attachments {see manual for exclusions & inclusions} {value only}	6384	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
X X X -TOTAL, planting, seeding & fert. machinery & attach. {sum of items 6321 - 6384} {value only}	6385	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
333111C229-Parts for planting, seeding, fertilizing machinery {value only}	6389	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
333111E141-Spike-tooth harrow sections & spring-tooth & tine-tooth harrow sections	6441	2002						
		2001						
		2000						
333111E149-Disc harrows, single, tandem and offset	6444	2002						
		2001						
		2000						
333111E151-Combination till. eq., roller/harrows, disc or coulter/field cultivators, disc or coulter/spring tooth	6453	2002						
		2001						
		2000						
333111E158-Blade terracers or scrapers {farm size}	6454	2002						
		2001						
		2000						

PART I – Continued

Item (Product code – Description)	Item code	Report period	TOTAL SHIPMENTS Domestic & export Quantity Number of units	Value Thous. dollars	{Do not report imported or purchased products on which your company performed no further fabrication or significant assembly.}			
			1	2	3	4	5	6
333111E161-Land levelers	6459	2002						
		2001						
		2000						
333111E169-Other harrows, rollers, pulverizers, and similar equipment {except products specified above}	6461	2002						
		2001						
		2000						
333111E171-Attach. for harrows, rollers, pulverizers & similar equip. {see Ref.Man for ex.}{value only}	6463	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
X X X -TOTAL, harrows, rollers, pulverizers, & similar equip. {sum of items 6441-6463} {value only}	6465	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
333111C22G-Parts for harrows, rollers, pulverizers, & similar equipment {value only}	6469	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
3331119101-Combines {harvester-threshers}, grain types only - self-propelled and pull type	6511	2002						
		2001						
		2000						
3331119111-Small grain header for combines, all sizes	6521	2002						
		2001						
		2000						
3331119121-Corn heads, all sizes	6531	2002						
		2001						
		2000						
3331119131-Other grain type combines	6541	2002						
		2001						
		2000						
3331119141-Field forage harvesters: shear bar, self propelled type and pull type {basic machines}	6563	2002						
		2001						
		2000						

PART I – Continued

Item (Product code – Description)	Item code	Report period	TOTAL SHIPMENTS Domestic & export Quantity Number of units	Value Thous. dollars	{Do not report imported or purchased products on which your company performed no further fabrication or significant assembly.}			
			1	2	3	4	5	6
3331119151-Attachments for shear bar type forage harvesters	6567	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
3331119161- Flair type {hori -zontal knives or vertical freeswinging knives or hammers} inc. dischg spouts	6570	2002						
		2001						
		2000						
3331119171-Other harvesting machines, incl.cane harvest in equip.,potato diggers, and picker-shellers	6577	2002						
		2001						
		2000						
3331119181-Attachments for harvesting machinery {see examples in instruction manual} {value only}	6583	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
X X X -Total, harvesting machinery {sum of items 6511-6583} {value only}	6585	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
333111C22A-Parts for harvesting machinery {value only}	6589	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
333111A101-Mowers, cutter-bar type {incldung drum & disk}	6613	2002						
		2001						
		2000						
333111A111-Mower-conditioners & windrowers w/conditioner auger & draper type {pull and self propelled}	6623	2002						
		2001						
		2000						
333111A121-Rakes, side delivery, cylind. type, finger wheel type, rotary, tedder & comb. rotary/tedder type	6631	2002						
		2001						
		2000						
333111A131-Hay balers, field type, and bale throwing attachments	6656	2002						
		2001						
		2000						

PART I – Continued

Item (Product code – Description)	Item code	Report period	TOTAL SHIPMENTS Domestic & export Quantity Number of units	Value Thous. dollars	{Do not report imported or purchased products on which your company performed no further fabrication or significant assembly.}			
			1	2	3	4	5	6
333111A141-Other haying machinery {except as specified above}	6682	2002						
		2001						
		2000						
333111A151-Other attach. for haying machinery {see examples in instruction manual} {value only}	6683	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
X X X-TOTAL, haying machinery and attachments {sum of items 6613-6683} {value only}	6685	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
333111C22C-Parts for haying machinery {value only}	6689	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
333111E101-Sub-soilers {deep tillage}, wide shank	6715	2002						
		2001						
		2000						
333111E109-Terracing and ditching plows	6717	2002						
		2001						
		2000						
333111E111-Chisel plow, deep tillage {chisel or sweep type} pull-type	6719	2002						
		2001						
		2000						
333111E119-Chisel plow, deep tillage {chisel or sweep type} mounted	6721	2002						
		2001						
		2000						
333111E121-Other plows, except snow plows and plows specified above	6725	2002						
		2001						
		2000						
333111E159-Middlebusters and disc bedders {excluding planting attachments}	6727	2002						
		2001						
		2000						

PART I – Continued

Item (Product code – Description)	Item code	Report period	TOTAL SHIPMENTS Domestic & export Quantity Number of units	Value Thous. dollars	{Do not report imported or purchased products on which your company performed no further fabrication or significant assembly.}			
			1	2	3	4	5	6
333111E131-Attach. for plows {coulters, jointers, root cutters,etc.} {excl. lister attach.} - value only	6729	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
333111E139-Plowshares-- report quantity as pounds of plowshares	6731	2002						
		2001						
		2000						
X X X -TOTAL, primary tillage equip. & attach. {sum of items 6715-6731} {value only}	6735	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
333111C22E-Parts for plows except plowshares - value {report parts for listers in item code 6389}	6739	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
333111E179-Corn- and cotton-type cultivators {shank & sweep types}: front and rear mounted	6770	2002						
		2001						
		2000						
333111E181-Rotary cultivators: ground and power driven	6780	2002						
		2001						
		2000						
333111E189-Field cultivators	6790	2002						
		2001						
		2000						
333111E191-Other cultivators and weeders, include tool bars {back units}	6794	2002						
		2001						
		2000						
333111E199-Attach for cultiv. & weeders {front mtg frame, disc weeder, rear section,& drawbars {value only}	6795	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
X X X -TOTAL, cultivators & weeders & attachments {sum of items 6770-6795} {value only}	6796	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					

PART I – Continued

Item (Product code – Description)	Item code	Report period	TOTAL SHIPMENTS Domestic & export Quantity Number of units	Value Thous. dollars	{Do not report imported or purchased products on which your company performed no further fabrication or significant assembly.}			
			1	2	3	4	5	6
333111C22J-Parts for cultivators & weeders {value only}	6798	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
333111G112-Feed grinders and crushers, power	6811	2002						
		2001						
		2000						
333111G114-Feed mixers {farm size}, stationary and portable	6813	2002						
		2001						
		2000						
333111G116-Combination grinder-mixers	6814	2002						
		2001						
		2000						
333111G117-Cotton ginning machinery	6815	2002						
		2001						
		2000						
333111G118-Heated air crop driers	6817	2002						
		2001						
		2000						
333111G122-Crop drying fans only {over 15,000 c.f.m. at approx. 1-inch pressure}	6819	2002						
		2001						
		2000						
333111G124-Other machines for preparing crops for market or for use {exc. those specified above}	6823	2002						
		2001						
		2000						
333111G126-Machines for preparing crops for market or for use - Attachments {value only}	6824	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
X X X -TOTAL, machines for preparing crops for market or for use,incl.attachments {sum of items 6811-6824}	6825	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					

PART I – Continued

Item (Product code – Description)	Item code	Report period	TOTAL SHIPMENTS Domestic & export Quantity Number of units	Value Thous. dollars	{Do not report imported or purchased products on which your company performed no further fabrication or significant assembly.}			
			1	2	3	4	5	6
333111C22N-Parts for machines used for preparing crops for market {value only}	6829	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
333111G128-Incubators {report total egg capacity of all incubators shipped}	6831	2002						
		2001						
		2000						
333111G132-Brooders, floor and hanging; gas, electric, oil coal, wood and battery	6834	2002						
		2001						
		2000						
333111G134-Nests and cages {report total linear footage for quantity}	6836	2002						
		2001						
		2000						
333111G136-Poultry feeders {trough, hanging, & mechanical} & waterers {except turkey feeders & waterers}	6838	2002						
		2001						
		2000						
333111G138-Other farm poultry equip.,incl.turkey waterers mech. egg graders & egg washers	6844	2002						
		2001						
		2000						
333111G142-Attachments for farm poultry equipment {value only}	6845	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
X X X -TOTAL, farm poultry equipment, incl.attachments {sum of items 6831-6845} {value only}	6846	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
333111C22P-Parts for farm poultry equipment {value only}	6849	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
333111G156-Silo & grain bin unloaders, forage & grain incuding sealed storage unloaders {farm type}	6851	2002						
		2001						
		2000						

PART I – Continued

Item (Product code – Description)	Item code	Report period	TOTAL SHIPMENTS Domestic & export Quantity Number of units	Value Thous. dollars	{Do not report imported or purchased products on which your company performed no further fabrication or significant assembly.}			
			1	2	3	4	5	6
333111G158-Cattle and dairy barn feeding equipment	6852	2002						
		2001						
		2000						
333111G162-Cattle and dairy barn handling equipment	6853	2002						
		2001						
		2000						
333111G164-Cattle and dairy barn water equipment	6855	2002						
		2001						
		2000						
333111G166-Other barn & barnyard equip. {see instruction manual reference list for exclusions}	6856	2002						
		2001						
		2000						
333111G168-Cattle and dairy barn equipment - attachments {value only}	6857	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
X X X -TOTAL,cattle & dairy barn equip. incl. attachments {sum of 6851 - 6857} {value only}	6858	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
333111C22U-Cattle and dairy barn equipment - parts {value only}	6859	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
333111G188-Self-propelled irrigation systems-center-pivot {report quantity in equivalent systems}	6860	2002						
		2001						
		2000						
333111G192-All other self-propelled irrigation sys. using 100 feet flexible hose feeder line & over	6861	2002						
		2001						
		2000						
X X X -TOTAL,self-propelled irrigation systems {sum of 6860 and 6861} {value only}	6865	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					

PART I – Continued

Item (Product code – Description)	Item code	Report period	TOTAL SHIPMENTS Domestic & export Quantity Number of units	Value Thous. dollars	{Do not report imported or purchased products on which your company performed no further fabrication or significant assembly.}			
			1	2	3	4	5	6
333111C22V-Parts for self-propelled irrigation systems {sold separately}	6869	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
333111G144-Hog feeding equipment	6870	2002						
		2001						
		2000						
333111G146-Hog handling equipment	6871	2002						
		2001						
		2000						
333111G148-Hog watering equipment	6872	2002						
		2001						
		2000						
333111G152-Other hog equipment {except equipment specified above}	6874	2002						
		2001						
		2000						
333111G154-Attachments for hog equipment {value only}	6875	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
X X X -TOTAL, hog equipment including attach. {sum of items 6870-6875} {value only}	6878	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
333111C22T-Parts for hog equipment {value only}	6879	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
333111G172-Wagons {chassis only} & trailer gears {exclude motor trucks}, 4 wheel	6880	2002						
		2001						
		2000						
3331110G174-Boxes and racks for mounting on wagons, & trailer gears: manual unloading or dump	6881	2002						
		2001						
		2000						

PART I – Continued

Item (Product code – Description)	Item code	Report period	TOTAL SHIPMENTS Domestic & export Quantity Number of units	Value Thous. dollars	{Do not report imported or purchased products on which your company performed no further fabrication or significant assembly.}			
			1	2	3	4	5	6
333111G176-Boxes and racks for mounting on wagons, & trailer gears: gravity unloading {grain type only}	6882	2002						
		2001						
		2000						
333111G178-Boxes and racks for mounting on wagons, & trailer gears: power unloading	6883	2002						
		2001						
		2000						
333111G182-Boxes with integral running gear, grain and forage types	6884	2002						
		2001						
		2000						
333111G184-Other farm transportation equipment {except equipment specified above}	6885	2002						
		2001						
		2000						
333111G186-Attach. for farm wagons & other farm transport. equip. {ex: inclined conveyor} {rep. value only}	6887	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
X X X -TOTAL, farm wagons & other farm trans. equip. & attachments {sum of 6880-6888} {rep. value only}	6888	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
333111C232-Parts for farm wagons, & other farm transportation eq., incl. operator cab for farm tractors	6890	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
333111G102-Stalk shredders & cutters or rotary mowers {PTO} flail type {without spout}	6891	2002						
		2001						
		2000						
333111G104-Stalk shredders & cutters or rotary mowers {PTO} Horiz-blade type, 66 in. cutting width & under	6893	2002						
		2001						
		2000						
333111G106-Stalk shredders & cutters or rotary mowers {PTO} horiz-blade type, over 66in up to 100in.cutt. width	6894	2002						
		2001						
		2000						

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Item (Product code – Description)	Item code	Report period	TOTAL SHIPMENTS Domestic & export Quantity Number of units	Value Thous. dollars	{Do not report imported or purchased products on which your company performed no further fabrication or significant assembly.}			
			1	2	3	4	5	6
333111G108-Stalk shredders & cutters or rotary mowers {PTO} horiz-blade type, over 100 inches cutting width	6895	2002						
		2001						
		2000						
X X X -TOTAL, stalk shredders & cutters or rotary mowers {PTO} {sum of 6893-6895} report value only	6898	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
333111C22L-Parts for stalk shredders, and cutters or rotary mowers {PTO} {value only}	6899	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
333111J101-Commercial turf and grounds mowing equipment - powered nonriding mowers	8101	2002						
		2001						
		2000						
333111J106-Commercial turf and grounds mowing equip.- riding reel-type turf mowers {incl greens mowers}	8103	2002						
		2001						
		2000						
333111J111-Commercial turf & grounds mowing equip ment riding rotary turf mowers	8107	2002						
		2001						
		2000						
333111J116-Comm. turf and grounds mowing equip. gang rotary cutting units, reel & rotary {individual sections}	8109	2002						
		2001						
		2000						
333111J121-Comm. turf and grounds mowing equipment - flail mower cutting units, include gang	8111	2002						
		2001						
		2000						
333111J126-Commercial turf and grounds mowing equip. - other mowing equipment	8113	2002						
		2001						
		2000						
333111J131-Parts for commercial turf & grounds mowing equipment {value only}	8117	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					

PART I – Continued

Item (Product code – Description)	Item code	Report period	TOTAL SHIPMENTS Domestic & export Quantity Number of units	Value Thous. dollars	{Do not report imported or purchased products on which your company performed no further fabrication or significant assembly.}			
			1	2	3	4	5	6
333111J136-Attachments for commercial turf and grounds mowing equip. {value only}	8118	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
X X X -TOTAL, commercial turf and grounds mowing equip. {sum of 8101-8118} {value only}	8119	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
333111J141-Other comm. turf and grounds care equipment {except mowing} - sod cutters & sod harvesters	8123	2002						
		2001						
		2000						
333111J146-Other comm. turf and grounds care equip.{exc. mowing} - seeders,spreaders & top dresser attachments	8125	2002						
		2001						
		2000						
333111J151-Other comm. turf and grounds care equip. {except mowing} - aerators, spikers and pluggers	8127	2002						
		2001						
		2000						
333111J156-Other commercial turf and grounds care equipment {except mowing} - dethatchers	8129	2002						
		2001						
		2000						
333111J161-Other comm. turf & grounds care eq.{ex.mowing} power brooms, blowers, vacuums, and sweepers	8131	2002						
		2001						
		2000						
333111J166-Other comm. turf & grounds care eq.{ex.mowing} irrigation systems {except agric. & residential}	8133	2002						
		2001						
		2000						
333111J171-Other commerc.turf grounds care equip. {incl. trap rakes, transport trailers, turf tractors & trucks	8136	2002						
		2001						
		2000						
333111J176-Parts for other commercial turf & grounds care equip. except mowing equipment {value only}	8141	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					

PART I – Continued

Item (Product code – Description)	Item code	Report period	TOTAL SHIPMENTS Domestic & export Quantity Number of units	Value Thous. dollars	{Do not report imported or purchased products on which your company performed no further fabrication or significant assembly.}			
			1	2	3	4	5	6
333111J181-Attachments for other commercial turf and grounds care equip. except mowing equip. {value only}	8143	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
X X X -TOTAL, other commercial turf & grounds care equip. {except mowing eq.} {sum of 8123-8143}	8145	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
3331121104-Lawnmowers, push type: reel {powered & nonpowered} & rotary - {gas powered}	8202	2002						
		2001						
		2000						
3331121106-Lawnmowers, rotary: self-propelled, gas powered	8212	2002						
		2001						
		2000						
3331121121-Lawnmowers, electric, all types, including batter powered	8215	2002						
		2001						
		2000						
3331121126-Rotary garden {motor} tillers	8220	2002						
		2001						
		2000						
3331121131-Two-wheel tractors, walking type {except rotary tillers}	8230	2002						
		2001						
		2000						
3331121136-Snow throwers {snow blowers} {except attachment type} - single stage	8241	2002						
		2001						
		2000						
3331121141-Snow throwers {snow blowers} {except attachment type} - dual stage	8242	2002						
		2001						
		2000						
3331121146-Powered lawn edgers/trimmers - fixed blade	8250	2002						
		2001						
		2000						

PART I – Continued

Item (Product code – Description)	Item code	Report period	TOTAL SHIPMENTS Domestic & export Quantity Number of units	Value Thous. dollars	{Do not report imported or purchased products on which your company performed no further fabrication or significant assembly.}			
			1	2	3	4	5	6
3331121151-Powered lawn edgers/trimmers - other than fixed blades	8252	2002						
		2001						
		2000						
3331121156-Shredders and shredder-grinders.	8261	2002						
		2001						
		2000						
3331121161-Yard vacuums and blowers	8263	2002						
		2001						
		2000						
3331121166-Other consumer non-riding lawn, garden, and snow equipment	8265	2002						
		2001						
		2000						
X X X -TOTAL, consumer non-riding lawn, garden, & snow equipment {sum of items 8202-8265}	8266	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
3331127101-Parts for consumer nonriding, lawn, garden, and snow equipment {value only}	8267	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
3331127111-Attachments for consumer nonriding, lawn, garden, and snow equipment {value only}	8268	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
X X X -TOTAL,parts & attachments for consumer nonridin lawn,garden,& snow equipmen {sum of items 8267 & 8268}	8269	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
3331123101-Lawn tractors and riding mowers, front engine under 10.0 hp {under 7.5 kW	8270	2002						
		2001						
		2000						
3331123111-Lawn tractors and riding mowers, front engine 10.0 hp {7.5 kW} & over	8271	2002						
		2001						
		2000						

PART I – Continued

Item (Product code – Description)	Item code	Report period	TOTAL SHIPMENTS Domestic & export Quantity Number of units	Value Thous. dollars	{Do not report imported or purchased products on which your company performed no further fabrication or significant assembly.}			
			1	2	3	4	5	6
3331123121-Lawn tractors and riding mowers, rear engine under 10.0 hp {under 7.5 kW}	8272	2002						
		2001						
		2000						
3331123131-Lawn tractors and riding mowers, rear engine 10.0 hp.{7.5 kW} & over	8275	2002						
		2001						
		2000						
3331123141-Garden tractors - under 16.0 hp.{12 kW}	8280	2002						
		2001						
		2000						
3331123151-Garden tractors - 16.0 - 19.9 hp. {12 - 14.9 kW}	8283	2002						
		2001						
		2000						
3331123161-Garden tractors - 20.0 hp.{15.0 kW} & over	8284	2002						
		2001						
		2000						
3331123171-Other consumer riding lawn, garden, and snow equipment	8285	2002						
		2001						
		2000						
X X X -TOTAL, consumer riding lawn, garden, and snow equipment {sum of items 8270-8285}	8289	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
3331127121-Parts for tractors and riding mowers	8311	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
3331127131-Parts for other equipment {ex. tractors & riding mowers}	8313	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
3331127141-Attachments: rotary, mower decks {report value only}	8325	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					

PART I – Continued

Item (Product code – Description)	Item code	Report period	TOTAL SHIPMENTS Domestic & export Quantity Number of units	Value Thous. dollars	{Do not report imported or purchased products on which your company performed no further fabrication or significant assembly.}			
			1	2	3	4	5	6
3331127151-Attachments: rotary tiller {report value only}	8327	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
3331127161-Attachments: blades, dozer {report value only}	8329	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
3331127171-Attachments: snow throwers {report value only}	8331	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
3331127181-Attachments: carts and wagons {report value only}	8333	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
3331127191-All other attachments for consumer riding lawn, garden, and snow equipment {value only}	8335	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					
X X X -TOTAL,parts & attachments for consumer riding lawn, garden, & snow equip. {sum of 8311 - 8335}	8339	2002	XXXXX					
		2001	XXXXX					
		2000	XXXXX					

PART I – Continued

Item (Product code – Description)	Item code	Report period						
			1	2	3	4	5	6

If all your items are not listed, please use additional lines or a blank sheet of paper.

PART II Has there been any change in the ownership or operation of this establishment during this period?

☐ Yes – *Indicate type of change below.* ☐ No – *Skip to Part III.*

	Name of company	Address *(Number and street, city, State, ZIP Code)*	Date of change
A. ☐ Purchased from			
B. ☐ Sold to			

C. ☐ Plant discontinued all operations — Date

D. ☐ Plant operations no longer covered by this survey – *Describe in "Remarks" the products currently produced.*

E. ☐ Reorganized – *Describe in "Remarks;" e.g., partnership change or change in corporate status.*

PART III Do the figures shown on this report and on your last report cover the identical establishments?

☐ Yes ☐ No – *Indicate reasons for difference in "Remarks."*

PART IV Remarks

PART V CERTIFICATION – This report is substantially accurate and has been prepared in accordance with instructions.

Signature of authorized official	Title	Date

Complete and return this form in the envelope provided or to: **Bureau of the Census 1201 East Tenth Street Jeffersonville, IN 47132**

NOTE: Please make a photocopy of this for your records.

2003 MA333A — FARM MACHINERY AND LAWN AND GARDEN EQUIPMENT (SHIPMENTS)

DEFINITIONS AND SPECIAL INSTRUCTIONS

1. Scope of survey

This survey covers firms engaged in the manufacture of farm tractors, farm machinery and equipment, farm irrigation equipment, turf equipment, and lawn and garden equipment.

2. Figures to be reported

Companies with more than one establishment manufacturing the products covered by this survey are requested to complete a separate report form for each location. If you have not received a separate form for each of your establishments, please call the contact listed on the report form or write to the U.S. Census Bureau for additional forms.

a. Quantity and value of shipments

The figures on quantity and value of shipments should include the physical shipments of all products sold, transferred to other establishments within your company, or shipped on consignment, whether for domestic or export sale. The value represents the net sales price, f.o.b. plant, to the customer or branch to which the products are shipped, net of discounts, allowances, freight charges, and returns. Shipments to your own branches should be assigned the same value as comparable sales to unaffiliated customers, i.e., the value includes an appropriate allocation of company overhead and profit. Products bought and resold without further manufacture should not be included in shipments.

b. Units of measure

Quantity — Report in number of units
Value — Report in thousands of dollars

c. Columnar structure of report

When posting your figures to the report, please be sure to report information in the correct columns.

These are:

Column 1 — Quantity of shipments
Column 2 — Value of shipments

d. Not included in this survey

Contractors' off-highway wheel tractors (2- and 4-wheel) are excluded from this survey. These units are primarily designed to be used for towing all types of scrapers, trailers, wagons, and similar types of towed equipment for use on natural terrain but restricted by state laws or regulations from operating on public highways when attached to towed unit under loaded conditions.

3. Definitions

WHEEL TRACTORS *(Except contractors' off-highway type, garden tractors, and motor tillers.) Include* in this section all wheel tractors except contractors' off-highway type, garden tractors, and motor tillers. Horsepower data for farm tractors should be based on power take off (PTO) while the other categories of wheel tractors are based on net engine horsepower (NEHP).

TURF TRACTORS — A self-propelled riding vehicle, typified by a low center of gravity, equipped with wide turf-tread tires.

GARDEN TRACTORS — Weighing less than 1,200 pounds (basic machine) typically powered by air cooled engines with fewer than 4 cylinders and total piston displacement of under 45 cubic inches. Such tractors are further distinguished from farm tractors in that they usually carry an engine horsepower rating but not a (PTO) horsepower rating.

LAWN TRACTORS AND RIDING MOWERS — A self-propelled riding vehicle, generally designed for cutting grass, which is not capable of pulling a plow.

NET ENGINE HORSEPOWER (NEHP) — Net flywheel performance as measured by manufacturer, with all standard accessories installed, operated and corrected to 29.38 inches mercury (Hg) and temperature of 85 degrees Fahrenheit.

PARTS — Manufactured components essential to the completeness and proper operation of a machine, vehicle, or apparatus. Examples of parts are (1) a wheel for a cultivator, (2) a plowshare, (3) a gear. Report only parts sold for replacement and repairs.

ATTACHMENTS — Supplementary devices designed to be attached to vehicle or apparatus that either (1) vary or extend the function of the unit, or (2) add to the convenience or effectiveness of the basic unit. Examples of attachments are (1) a root cutter fastened to a plow, (2) a drilling device applied to a checkrow corn planter.

ABBREVIATIONS AND METRIC CONVERSIONS

hp = horsepower = .7457 kilowatts (kW)
PTO = Power take off type
NEHP = Net engine horsepower
gal = gallon = 3.7854 liters (L)
kgs = kilograms = 2.20462 pounds (lbs)
inch = 2.54 centimeters (cm)
l.p.m. = liter per minute
g.p.m. = gallons per minute
b.t.u. = British thermal unit
c.f.m. = cubic feet per minute

4. Comparability

If you also report in the Annual Survey of Manufactures (Form-MA10000), the sum of values for for item codes shown in column (a) should correspond to the dollar values reported under product class codes indicated in column (b) below:

Current Industrial Reports (Form MA333A) Item codes (a)	Annual Survey of Manufactures Product class codes (b)
6101 through 6187	3331111
6204 through 6216 6219 through 6265 6270 through 6275	3331113 3339227 pt
6321 through 6384	3331117
6511 through 6583	3331119
6613 through 6683	333111A
6441 through 6463 6715 through 6731 6770 through 6795	333111E
6811 through 6824 6831 through 6845 6851 through 6857 6860 and 6861 6870 through 6875 6880 through 6887 6891 through 6895	333111G 3322123 pt 3323239 pt
8101 through 8118 8123 through 8143	333111J
8202 through 8265	3331121 3322127 pt
8270 through 8285	3331123
8267 and 8268 8311 through 8335	3331127
6199, 6218, 6269, 6289, 6389, 6469, 6589, 6689, 6739, 6798, 6829, 6849, 6859, 6869, 6879, 6890, 6899	333111C 3339227 pt

REFERENCE LIST

FORM **MA333A**

FARM MACHINERY AND LAWN AND GARDEN EQUIPMENT (SHIPMENTS)

Product code	Item code	Item description
		WHEEL TRACTORS (Except contractors' off-highway wheel tractors, nonfarm (industrial type) garden tractors, turf tractors, and motor tillers)
		Wheel tractors, farm type (power take off hp)
3331111101	**6101**	2-wheel drive (include front wheel assist types)
3331111106	**6130**	4-wheel drive (report tractors with equal size tires, front and rear)
3331111111	**6187**	Attachments for wheel tractors, farm type (exclude attachments for tractor chassis shipped as part of front engine design tractor shovel loader/backhoes (NEHP))
3331111100	**6198**	**Total wheel tractors and attachments *(Sum of item codes 6101–6187)***
333111C116	**6199**	Parts for wheel tractors, farm type (exclude parts for tractor chassis shipped as part of front engine design tractor shovel loader/backhoes)
		FARM DAIRY MACHINES AND EQUIPMENT
		Mechanical installations
3331113101	**6204**	Milking machines, complete; suspended and floor type bucket, single and double units
3331113104	**6208**	Pipeline milking units, complete (include claws, shells, inflations, air tubes, with or without pulsator)
3331113106	**6213**	Other farm dairy machines and equipment
3331113108	**6216**	Attachments for farm dairy machines and equipment — *Value only*
XXX	**6217**	**Total, farm dairy machines and equipment *(Sum of item codes 6204–6216)* — *Value only***
333111C221	**6218**	Parts for farm dairy machines and equipment — *Value only*
		SPRAYERS AND DUSTERS (except aerial types)
		Power sprayers, field and row crop types only
3331113116	**6219**	Self-propelled
3331113121	**6230**	Tractor mounted
		Other than tractor mounted
3331113124	**6240**	PTO driven, piston pump type
3331113128	**6245**	Nonpiston pump type
3331113132	**6246**	Other power sprayers, over 4 g.p.m.
		Power sprayers, other than row crop and field types (over 4 g.p.m.) 15.2 l.p.m.
3331113136	**6247**	PTO driven
3331113141	**6249**	Engine driven
3331113144	**6250**	Air carried type power sprayers (field, row crop, and orchard types)
3331113148	**6251**	Foggers and mist sprayers, portable
3331113152	**6258**	Hand pulled and garden type 4 g.p.m. and under

FORM **MA333A**

Product code	Item code	Item description
		SPRAYERS AND DUSTERS (except aerial types) — Continued Sprayers, agricultural hand
3331113156	**6259**	Under 1 gallon
		1 gallon and over
3331113161	**6261**	Compressed air or gas
3331113164	**6262**	Other, including, knapsack, hose end and flame sprayers and sprayer pumps
3331113168	**6263**	Dusters, power, hand, all types
3331113172	**6264**	All other sprayers — *Value only*
3331113176	**6265**	Attachments for sprayers and dusters — *Value only*
XXX	**6268**	**Total, sprayers and dusters *(sum of item codes 6219–6265)* — *Value only***
333111C223	**6269**	Parts for sprayers and dusters — *Value only*
		FARM ELEVATORS AND BLOWERS
		Farm elevators, conveyors, and stackers
3339227253	**6270**	Single and double chain
3339227255	**6272**	Auger type
3339227257	**6273**	Other farm elevators, conveyors, and stackers (except as specified under item code 6851)
3331113192	**6274**	Farm blowers, including forage blowers, combination grain and forage blowers
3331113194	**6282**	Attachments for farm blowers — *Value only*
XXX	**6284**	**Total, farm elevators and blowers *(sum of item codes 6270–6282)* — *Value only***
333111C225	**6286**	Parts for farm blowers — *Value only*
		PLANTING, SEEDING, FERTILIZING MACHINERY
3331117101	**6321**	Corn planters, corn and cotton planters, and lister planters – pull type and mounted, total rows – mounted
3331117108	**6324**	Grain drills (fixed frame) all types
3331117111	**6340**	Transplanters (pull type or mounted) and broadcast seeders (end-gate, mounted and drawn)
		Fertilizer distributors (pull type or mounted) (exclude fertilizer attachments; lawn and garden hand types)
3331117118	**6350**	Dry (including lime spreaders)
3331117121	**6357**	Liquid and anhydrous ammonia
3331117128	**6361**	Manure spreaders, rear discharge
3331117131	**6365**	Manure spreaders, side discharge
3331117138	**6369**	Manure pumps, liquid
3331117141	**6373**	Front and rear tractor mounted loaders (farm type), manure and general utility (except beet and sugar cane loaders)

REFERENCE LIST — Continued

FORM **MA333A**

Product code	Item code	Item description
		PLANTING, SEEDING, FERTILIZING MACHINERY — Continued
3331117148	**6377**	Row crop unit planters (number of rows)
3331117151	**6379**	Other planting, seeding, and fertilizing machinery (except machinery specified above)
3331117158	**6384**	Attachments; exclude planting attachments for lister, but include fertilizer attachments for plain drills, disc furrowing, grass waterway and check row plant and grass seed attachments — *Value only*
XXX	**6385**	**Total, planting, seeding, fertilizing machinery *(sum of item codes 6321–6384)* — *Value only***
333111C229	**6389**	Parts for planting, seeding, fertilizing machinery — *Value only*
		SECONDARY TILLAGE EQUIPMENT — HARROWS, ROLLERS, PULVERIZERS AND SIMILAR EQUIPMENT
333111E141	**6441**	Spike-tooth harrow sections and spring-tooth and tine-tooth harrow sections
333111E149	**6444**	Disc harrows, single, tandem, and offset
333111E151	**6453**	Combination tillage equipment, roller/harrows, disc or coulter/field cultivators, disc or coulter/spring tooth
333111E158	**6454**	Blade terracers or scrapers (farm size)
333111E161	**6459**	Land levelers
333111E169	**6461**	Other harrows, rollers, pulverizers, and similar equipment (except products specified above)
333111E171	**6463**	Attachments (examples: folding extension, furrow fillers, drawbars, adapter hitches, gauge wheels, and drawbar attachments) — *Value only*
XXX	**6465**	**Total harrows, rollers, pulverizers, and similar equipment *(Sum of item codes 6441–6463)* — *Value only***
333111C22G	**6469**	Parts for harrows, rollers, pulverizers, and similar equipment — *Value only*
		HARVESTING MACHINERY
3331119101	**6511**	Combines (harvester-threshers), grain types only (self-propelled and pull type)
3331119111	**6521**	Small grain header for combines, all sizes
3331119121	**6531**	Corn heads, all sizes
3331119131	**6541**	Other grain type combines
3331119141	**6563**	Field forage harvesters Shear bar, self-propelled type and pull type (basic machines)
3331119151	**6567**	Attachments for shear bar type forage harvesters

REFERENCE LIST — Continued

FORM **MA333A**

Product code	Item code	Item description
		HARVESTING MACHINERY — Continued
3331119161	**6570**	Flail type (horizontal knives or vertical freeswinging knives or hammers) including discharge spouts
3331119171	**6577**	Other harvesting machinery, including cane harvesting equipment, potato diggers and picker-shellers
3331119181	**6583**	Attachments for harvesting machinery (examples: platform and seeder, reel, straw spreaders, load levelers, weed stripper, grate unit, knife grinders, stalk walkers) — *Value only*
XXX 333111C22A	**6585** **6589**	**Total, harvesting machinery *(sum of item codes 6511–6583)* — *Value only*** Parts for harvesting machinery — *Value only*
		HAYING MACHINERY
333111A101	**6613**	Mowers, cutter-bar type (Report mower-conditioners under code 6623 all types) (including drum and disk)
333111A111	**6623**	Mower-conditioners and windrowers with conditioner auger and draper type (pull type and self-propelled)
333111A121	**6631**	Rakes, side delivery, cylinder type, finger wheel type, rotary, tedder and combination rotary/tedder type
333111A131	**6656**	Hay balers, field type, and bale throwing attachments
333111A141	**6682**	Other haying machinery (except as specified above)
333111A151	**6683**	Other attachments for haying machinery (example: stripper, bale chute, and knife attachments) (exclude attachments specified above)
XXX 333111C22C	**6685** **6689**	**Total, haying machinery *(sum of item codes 6613–6683)* — *Value only*** Parts for haying machinery — *Value only*
		PRIMARY TILLAGE EQUIPMENT — PLOWS
333111E101	**6715**	Sub-soilers (deep tillage), wide shank
333111E109	**6717**	Terracing and ditching plows
		Chisel plows, deep tillage (chisel or sweep type)
333111E111	**6719**	Pull type
333111E119	**6721**	Mounted
333111E121	**6725**	Other plows, except snow plows and plows specified above
333111E159	**6727**	Middlebusters and disc bedders (excluding planting attachments)
333111E131	**6729**	Attachments for plows (coulters, jointers, root cutters, sub-soilers, fertilizer distributors, etc.) (exclude lister planting attachments) — *Value only*
333111E139	**6731**	Plowshares (pounds of plowshares)
XXX 333111C22E	**6735** **6739**	**Total, primary tillage equipment *(sum of item codes 6715–6731)* — *Value only*** Parts for plows except plowshares — *Value only*

FORM **MA333A**

Product code	Item code	Item description
		CULTIVATORS AND WEEDERS SECONDARY TILLAGE
333111E179	**6770**	Corn– and cotton–type cultivators (shank and sweep types, front and rear mounted)
333111E181	**6780**	Rotary cultivators, ground and power driven
333111E189	**6790**	Field cultivators
333111E191	**6794**	Other cultivators and weeders, including tool bars (basic units)
333111E199	**6795**	Attachments for cultivators and weeders (front mounting frame, disc weeders, rear section, and drawbars) — *Value only*
XXX 333111C22J	**6796** **6798**	**Total, cultivators and weeders *(Sum of item codes 6770–6795)* — *Value only*** Parts for cultivators and weeders — *Value only*
		MACHINES FOR PREPARING CROPS FOR MARKET OR FOR USE
333111G112	**6811**	Feed grinders and crushers, power
333111G114	**6813**	Feed mixers (farm size), stationary and portable
333111G116	**6814**	Combination grinder-mixers
333111G117	**6815**	Cotton ginning machinery
		Driers (grain, hay, and seed)
333111G118	**6817**	Heated air crop driers
333111G122	**6819**	Crop drying fans only (over 15,000 c.f.m. at approximately one inch pressure)
333111G124	**6823**	Other machines for preparing crops for market or for use (except those specified above)
333111G126	**6824**	Attachments — *Value only*
XXX	**6825**	**Total, machines for preparing crops *(sum of item codes 6811–6824)* — *Value only***
333111C22N	**6829**	Parts for machines preparing crops — *Value only*
		FARM POULTRY EQUIPMENT
333111G128	**6831**	Incubators (report total egg capacity of all incubators shipped)
333111G132	**6834**	Brooders, floor and hanging, gas, electric, oil, coal, wood and battery
333111G134	**6836**	Nests and cages
333111G136	**6838**	Poultry feeders (trough, hanging, and mechanical) and waterers (except turkey feeders and waterers),
333111G138	**6844**	Other farm poultry equipment, including turkey waterers, mechanized egg graders, egg washers
333111G142	**6845**	Attachments for farm poultry equipment — *Value only*
XXX 333111C22P	**6846** **6849**	**Total, farm poultry equipment *(Sum of item codes 6831–6845)* — *Value only*** Parts for farm poultry equipment — *Value only*

REFERENCE LIST — Continued

FORM **MA333A**

Product code	Item code	Item description
		OTHER BARN AND BARNYARD EQUIPMENT
333111G156	**6851**	Silo and grain bin unloaders, forage and grain including sealed storage unloaders (farm type)
		Cattle and dairy barn equipment
333111G158	**6852**	Feeding equipment
333111G162	**6853**	Handling equipment
333111G164	**6855**	Water equipment
333111G166	**6856**	Other barn and barnyard equipment. (Do not include construction items such as partitions, doors, windows, pillars, etc.) (Excludes equipment specified above.)
333111G168	**6857**	Attachments — *Value only*
XXX	**6858**	**Total, barn and barnyard equipment *(Sum of item codes 6851–6857)* — *Value only***
333111C22U	**6859**	Parts for other barnyard equipment — *Value only*
		IRRIGATION SYSTEMS
		Self-propelled irrigation systems
333111G188	**6860**	Center-pivot (report quantity in equivalent systems)
333111G192	**6861**	All other systems using 100 feet flexible hose feeder line and over
XXX	**6865**	**Total, Self-propelled Irrigation Systems *(Sum of item codes 6860 and 6861)* — *Value only***
333111C22V	**6869**	Parts for self-propelled irrigation systems (sold separately)
		HOG EQUIPMENT
333111G144	**6870**	Feeding equipment
333111G146	**6871**	Handling equipment
333111G148	**6872**	Watering equipment
333111G152	**6874**	Other hog equipment (except equipment specified above)
333111G154	**6875**	Attachments for hog equipment — *Value only*
XXX	**6878**	**Total, hog equipment *(sum of item codes 6870–6875)* — *Value only***
333111C22T	**6879**	Parts for hog equipment — *Value only*
		FARM WAGONS AND OTHER FARM TRANSPORTATION EQUIPMENT
333111G172	**6880**	Wagons (chassis only) and trailer gears (exclude motor trucks) 4 wheel
		Boxes and racks for mounting on wagons, and trailer gears
333111G174	**6881**	Manual unloading or dump
333111G176	**6882**	Gravity unloading (grain type only)
333111G178	**6883**	Power unloading
333111G182	**6884**	Boxes with integral running gear, grain and forage types

REFERENCE LIST — Continued

FORM **MA333A**

Product code	Item code	Item description
		FARM WAGONS AND OTHER FARM TRANSPORTATION EQUIPMENT — Continued
333111G184	**6885**	Other farm transportation equipment (except equipment specified above)
333111G186	**6887**	Attachments (example, inclined conveyor) — *Value only*
XXX	**6888**	**Total, farm wagons, and other farm transportation equipment *(Sum of item codes 6880–6887)* — *Value only***
333111C232	**6890**	Parts for farm wagons and other farm transportation equipment, including operator cabs for farm tractors — *Value only*
		STALK SHREDDERS AND CUTTERS OR ROTARY MOWERS (PTO)
333111G102	**6891**	Flail type (without spout)
		Horizontal-blade type
333111G104	**6893**	66 inches cutting width and under
333111G106	**6894**	Over 66 inches and up to 100 inches cutting width
333111G108	**6895**	Over 100 inches cutting width
XXX	**6898**	**Total, stalk-shredders and cutters or rotary mowers (pto) *(Sum of item codes 6891–6895)* — *Value only***
333111C22L	**6899**	Parts for stalk shredders, and cutters or rotary mowers (PTO) — *Value only*
		COMMERCIAL TURF AND GROUNDS MOWING EQUIPMENT
333111J101	**8101**	Powered nonriding mowers
333111J106	**8103**	Riding reel-type turf mowers (including greens mowers)
333111J111	**8107**	Riding rotary turf mowers
333111J116	**8109**	Gang rotary cutting units, reel and rotary (individual sections)
333111J121	**8111**	Flail mower cutting units, including gang
333111J126	**8113**	Other mowing equipment
333111J131	**8117**	Parts for commercial turf and grounds mowing equipment — *Value only*
333111J136	**8118**	Attachments for commercial turf and grounds mowing equipment — *Value only*
XXX	**8119**	**Total, commercial turf and grounds mowing equipment *(Sum of item codes 8101–8118)* —*Value only***
		OTHER COMMERCIAL TURF AND GROUNDS CARE EQUIPMENT (except mowing equipment)
333111J141	**8123**	Sod cutters and sod harvesters
333111J146	**8125**	Seeders, spreaders, and top dresser attachments
333111J151	**8127**	Aerators, spikers, and pluggers
333111J156	**8129**	Dethatchers
333111J161	**8131**	Power brooms, blowers, vacuums, and sweepers
333111J166	**8133**	Irrigation systems (except agricultural and residential)
333111J171	**8136**	Other commercial turf and grounds care equipment (including trap rakes, transport trailers and turf tractors and trucks)
333111J176	**8141**	Parts for other commercial turf and ground care equipment (except mowing equipment) — *Value only*

REFERENCE LIST — Continued

FORM **MA333A**

Product code	Item code	Item description
		OTHER COMMERCIAL TURF AND GROUNDS CARE EQUIPMENT (except mowing equipment — Continued
333111J181	**8143**	Attachments for other commercial turf and ground care equipment (except mowing equipment) — *Value only*
XXX	**8145**	**Total, other commercial turf and grounds care equipment (except mowing equipment) *(Sum of item codes 8123–8143) — Value only***
		CONSUMER NONRIDING LAWN AND GARDEN, AND SNOW EQUIPMENT
		Lawnmowers
3331121104	**8202**	Push type: reel (powered and nonpowered) and rotary — gas powered
3331121106	**8212**	Rotary: self-propelled, gas powered
3331121121	**8215**	Electric, all types, including battery powered
3331121126	**8220**	Rotary garden (motor) tillers
3331121131	**8230**	2–wheel tractors, walking type (except rotary tillers)
		Snow throwers (snow blower) (except attachment type)
3331121136	**8241**	Single stage
3331121141	**8242**	Dual stage
		Powered lawn edgers/trimmers
3331121146	**8250**	Fixed blade
3331121151	**8252**	Other than fixed blades
3331121156	**8261**	Shredders and shredder-grinders
3331121161	**8263**	Yard vacuums and blowers
3331121166	**8265**	Other consumer nonriding lawn, garden, and snow equipment
XXX	**8266**	**Total, consumer nonriding lawn, garden, and snow equipment *(Sum of item codes 8202–8265) — Value only***
		PARTS AND ATTACHMENTS FOR CONSUMER NONRIDING LAWN, GARDEN, AND SNOW EQUIPMENT
3331127101	**8267**	Parts
3331127111	**8268**	Attachments
XXX	**8269**	**Total, parts and attachments for consumer nonriding lawn, garden, and snow equipment *(Sum of item codes 8267–8268) — Value only***
		CONSUMER RIDING LAWN, GARDEN, AND SNOW EQUIPMENT
		Lawn tractors and riding mowers
		Front engine
3331123101	**8270**	Under 10.0 hp (under 7.5 kW)
3331123111	**8271**	10.0 hp and over (7.5 kW and over)
		Rear engine
3331123121	**8272**	Under 10.0 hp (under 7.5 kW)
3331123131	**8275**	10.0 hp and over (7.5 kW and over)

FORM **MA333A**

Product code	Item code	Item description
		CONSUMER RIDING LAWN, GARDEN, AND SNOW EQUIPMENT — Continued Lawn tractors and riding mowers — Continued
		Garden tractors
3331123141	**8280**	Under 16.0 hp (under 12 kW)
3331123151	**8283**	16.0 hp to 19.9 hp (12 kW–14.9 kW)
3331123161	**8284**	20.0 hp and over (15.0 kW and over)
3331123171	**8285**	Other consumer riding lawn, garden, and snow equipment
XXX	**8289**	**Total, consumer riding lawn, garden, and snow equipment** ***(Sum of item codes 8270–8285) — Value only***
		PARTS AND ATTACHMENTS FOR CONSUMER RIDING LAWN, GARDEN AND SNOW EQUIPMENT
		Parts
3331127121	**8311**	For tractors and riding mowers
3331127131	**8313**	For other equipment (except tractors and riding mowers)
		Attachments
3331127141	**8325**	Rotary, mower decks — *Value only*
3331127151	**8327**	Rotary tiller attachments — *Value only*
3331127161	**8329**	Blades, dozer — *Value only*
3331127171	**8331**	Snow throwers — *Value only*
3331127181	**8333**	Carts and wagons — *Value only*
3331127191	**8335**	All other attachments — *Value only*
XXX	**8339**	**Total, parts and attachments for consumer riding lawn, garden, and snow equipment** ***(Sum of item codes 8311–8335) — Value only***

NOTES:

8/15/02