
Mushrooms



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1987-88 MUSHROOM PRODUCTION AND VALUE UP

U.S. mushroom production continued its upward trend in 1987-88 by increasing 4 percent to almost 637 million pounds. The value of the crop, at \$566 million, was 7 percent higher than the previous season. Growers received an average 89.0 cents per pound, up 2.5 cents from the previous season. The above statistics represent the conventional button mushrooms (*Agaricus*), but also include Shiitake, Oysters, and other exotics and specialties. This year's release, for the first time, includes separate estimates for these specialty mushrooms.

Agaricus production totaled almost 632 million pounds. Pennsylvania, the leading State, with 45 percent of the U.S. *Agaricus* crop, grew 285 million pounds in 1987-88. Pennsylvania also conducts a mushroom broker and repacker survey. This showed that brokers and repackers purchased almost 117 million pounds of mushrooms from growers at a total value of about \$80 million. Growers sold about 108 million pounds to brokers and repackers during the 1986-87 crop year. *Agaricus* production in Eastern States accounted for 58 percent of the U.S. total production; Central States, 12 percent; and Western States, 30 percent. This year's survey included 356 *Agaricus* growers with commercial production in 26 States. This was down 57 growers from the previous year. The value of the 1987-88 *Agaricus* crop was \$544 million. Growers received an average of 86.1 cents per pound. Volume of fresh market sales was 74 percent of the *Agaricus* sales volume. The average fresh price to growers was 94.9 cents per pound. Sales volume to processors totaled 163 million pounds. The average price to growers for processing *Agaricus* mushrooms was 61.0 cents per pound. *Agaricus* growers used 134 million square feet of bed and tray area to produce the 1987-88 crop. Yields averaged 4.73 pounds per square foot. The dollar volume per square foot was \$4.07. An estimated 138 million square feet of production area is intended for use during the 1988-89 season, up 3 percent from the area used during 1987-88.

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MUSHROOMS: AREA, PRODUCTION, PRICE AND VALUE
 JULY 1, 1985 TO JUNE 30, 1988 1/

STATE AND YEAR	AREA IN PRODUCTION				PRODUCTION	PRICE PER POUND	VALUE OF PRODUCTION
	FIRST FILLING	SECOND FILLING	ADDITIONAL FILLINGS	TOTAL			
	1,000 SQUARE FEET				1,000 POUNDS	DOLLARS	1,000 DOLLARS
CALIF							
1985-86	4,919	4,904	12,751	22,574	106,910	.977	104,444
1986-87	3,928	3,928	13,719	21,575	110,997	1.100	122,064
1987-88	3,984	3,972	13,859	21,815	112,580	.979	110,189
DEL							
1985-86	925	936	882	2,743	7,785	.634	4,934
1986-87	640	535	451	1,626	5,124	.626	3,208
1987-88	560	544	578	1,682	5,831	.640	3,732
GA							
1985-86	244	244	244	732	5,944	1.050	6,217
1986-87	166	167	899	1,232	5,252	1.030	5,384
1987-88	166	166	879	1,211	4,914	1.080	5,310
IND							
1985-86	329	341	1,425	2,095	10,665	.911	9,713
1986-87	483	483	1,265	2,231	11,596	.955	11,076
1987-88	320	320	1,590	2,230	13,108	1.020	13,368
MD							
1985-86	267	207	254	728	1,734	.659	1,143
1986-87	228	228	231	687	1,786	.733	1,310
1987-88	221	195	246	662	2,058	.790	1,625
MICH							
1985-86	1,048	1,012	2,000	4,060	20,171	.831	16,758
1986-87	1,083	1,083	2,234	4,400	20,306	.873	17,728
1987-88	1,079	1,079	2,121	4,279	23,359	.887	20,719
N Y							
1985-86	508	424	37	969	2,119	.721	1,528
1986-87	410	371	55	836	1,589	.802	1,274
1987-88	275	305	192	772	1,818	.727	1,321
OHIO							
1985-86	710	710	1,350	2,770	12,414	.883	10,967
1986-87	674	674	1,228	2,576	11,347	.883	10,020
1987-88	636	636	1,303	2,575	11,065	.952	10,531

SEE FOOTNOTES ON PAGE 3.

CONTINUED

MUSHROOMS: AREA, PRODUCTION, PRICE AND VALUE
 JULY 1, 1985 TO JUNE 30, 1988 1/ -- CONTINUED

STATE AND YEAR	AREA IN PRODUCTION				PRODUCTION TOTAL	PRICE PER POUND	VALUE OF PRODUCTION
	FIRST FILLING	SECOND FILLING	ADDITIONAL FILLINGS	TOTAL			
	1,000 SQUARE FEET				1,000 POUNDS	DOLLARS	1,000 DOLLARS
PA							
1985-86	19,180	18,048	22,982	60,210	256,160	.666	170,705
1986-87	18,929	18,085	24,745	61,759	281,376	.691	194,465
1987-88	17,722	17,245	25,495	60,462	284,783	.720	205,100
OTH STS 2/							
1985-86	5,447	5,468	21,769	32,684	164,054	1.020	166,684
1986-87	5,376	5,351	22,011	32,738	165,020	1.000	165,129
1987-88	7,002	7,006	23,950	37,958	172,174	1.000	172,286
EAST 3/							
1985-86	22,626	21,361	33,615	77,602	338,704	.738	249,944
1986-87	21,552	20,540	36,430	78,522	360,856	.744	268,474
1987-88	20,236	19,747	37,726	77,709	368,691	.774	285,189
CENTRAL 3/							
1985-86	3,499	3,477	8,120	15,096	75,728	.909	68,873
1986-87	3,612	3,607	8,049	15,268	74,192	.942	69,910
1987-88	3,471	3,470	8,069	15,010	76,426	.970	74,148
WEST 3/							
1985-86	7,452	7,456	21,959	36,867	173,524	1.000	174,276
1986-87	6,753	6,758	22,359	35,870	179,345	1.080	193,274
1987-88	8,258	8,251	24,418	40,927	186,573	.991	184,844
U S							
1985-86	33,577	32,294	63,694	129,565	587,956	.839	493,093
1986-87	31,917	30,905	66,838	129,660	614,393	.865	531,658
1987-88	31,965	31,468	70,213	133,646	631,690	.861	544,181

1/ PRODUCTION, PRICE PER POUND, AND VALUE OF PRODUCTION ESTIMATES ARE PRIMARILY AGARICUS, BUT ALSO INCLUDE EXOTICS AND SPECIALTIES THROUGH THE 1986-87 CROP YEAR. AREA IN PRODUCTION ESTIMATES ARE FOR AGARICUS ONLY BEGINNING IN 1986-87. U.S. AND STATE AVERAGE PRICE PER POUND ESTIMATES ARE DERIVED FROM THE VALUE OF SALES FOR EACH VARIETY PRIOR TO THE 1987-88 CROP YEAR. ALL MUSHROOM STATISTICS FOR 1987-88 ARE FOR AGARICUS ONLY.

2/ COLO, CONN, FLA, ILL, KANS, MINN, N J, OKLA, OREG, S C, S D, TENN, TEX, UTAH, WASH, WIS, AND WYO.

3/ STATES REPORTING IN 1987-88. EAST: FEDERAL REGIONS I-IV INCLUDE CONN, DEL, FLA, GA, MD, N J, N Y, PA, S C, AND TENN. CENTRAL: FEDERAL REGIONS V AND VII INCLUDE ILL, IND, KANS, MICH, MINN, OHIO, AND WIS. WEST: FEDERAL REGIONS VI, VIII, IX, AND X INCLUDE CALIF, COLO, OKLA, OREG, S D, TEX, UTAH, WASH, AND WYO.

MUSHROOMS: VOLUME OF SALES, PRICE, AND VALUE BY TYPE OF SALE,
BY REGIONS, YEARS JULY 1 - JUNE 30

YEAR, STATE, REGION	FRESH MARKET			PROCESSING		
	VOLUME OF SALES	PRICE PER POUND	VALUE OF SALES	VOLUME OF SALES	PRICE PER POUND	VALUE OF SALES
	1,000 POUNDS	DOLLARS	1,000 DOLLARS	1,000 POUNDS	DOLLARS	1,000 DOLLARS
1985-86						
PA	156,179	.755	117,915	99,981	.528	52,790
OTHER EAST	65,606	1.080	70,943	16,938	.490	8,296
EAST TOTAL 1/	221,785	.852	188,858	116,919	.522	61,086
CENTRAL TOTAL 1/	48,988	1.070	52,333	26,740	.619	16,540
WEST TOTAL 1/	156,431	1.050	163,723	17,093	.617	10,553
U S 2/	427,204	.948	404,914	160,752	.549	88,179
1986-87						
PA	183,154	.779	142,702	98,222	.527	51,763
OTHER EAST	64,857	1.030	66,737	14,623	.497	7,272
EAST TOTAL 1/	248,011	.844	209,439	112,845	.523	59,035
CENTRAL TOTAL 1/	46,412	1.090	50,650	27,780	.693	19,260
WEST TOTAL 1/	162,876	1.120	182,948	16,469	.627	10,326
U S 2/	457,299	.969	443,037	157,094	.564	88,621
1987-88						
PA	185,109	.793	146,791	99,674	.585	58,309
OTHER EAST	68,367	1.040	71,174	15,541	.574	8,915
EAST TOTAL 1/	253,476	.860	217,965	115,215	.583	67,224
CENTRAL TOTAL 1/	49,390	1.110	54,890	27,036	.712	19,258
WEST TOTAL 1/	165,910	1.040	171,999	20,663	.622	12,845
U S 2/	468,776	.949	444,854	162,914	.610	99,327

1/ STATES REPORTING IN 1987-88. EAST: FEDERAL REGIONS I-IV INCLUDE CONN, DEL, FLA, GA, MD, N J, N Y, PA, S C, AND TENN. CENTRAL: FEDERAL REGIONS V AND VII INCLUDE ILL, IND, KANS, MICH, MINN, OHIO, AND WIS. WEST: FEDERAL REGIONS VI, VIII, IX, AND X INCLUDE CALIF, COLO, OKLA, OREG, S D, TEX, UTAH, WASH, AND WYO.

2/ VOLUME OF SALES, PRICE PER POUND, AND VALUE OF SALES ESTIMATES ARE PRIMARILY AGARICUS, BUT ALSO INCLUDE EXOTICS AND SPECIALTIES THROUGH THE 1986-87 CROP YEAR. THE 1987-88 STATISTICS ARE FOR AGARICUS ONLY.

MUSHROOMS: NUMBER OF GROWERS, VOLUME OF SALES, PRICE, AND
VALUE FOR ALL SALES, BY REGIONS, YEARS JULY 1 - JUNE 30

YEAR, STATE, REGION	GROWERS	ALL SALES		
		VOLUME OF SALES	PRICE PER POUND	VALUE OF SALES
	NUMBER	1,000 POUNDS	DOLLARS	1,000 DOLLARS
1985-86				
PA	289	256,160	.666	170,705
OTHER EAST	42	82,544	.960	79,239
EAST TOTAL 1/	331	338,704	.738	249,944
CENTRAL TOTAL 1/	59	75,728	.909	68,873
WEST TOTAL 1/	124	173,524	1.000	174,276
U S 2/ 3/	514	587,956	.839	493,093
1986-87				
PA	244	281,376	.691	194,465
OTHER EAST	56	79,480	.931	74,009
EAST TOTAL 1/	300	360,856	.744	268,474
CENTRAL TOTAL 1/	47	74,192	.942	69,910
WEST TOTAL 1/	121	179,345	1.080	193,274
U S 2/ 3/	468	614,393	.865	531,658
1987-88				
PA	230	284,783	.720	205,100
OTHER EAST	29	83,908	.954	80,089
EAST TOTAL 1/	259	368,691	.774	285,189
CENTRAL TOTAL 1/	42	76,426	.970	74,148
WEST TOTAL 1/	55	186,573	.991	184,844
U S 2/	356	631,690	.861	544,181

1/ STATES REPORTING IN 1987-88. EAST: FEDERAL REGIONS I-IV INCLUDE CONN, DEL, FLA, GA, MD, N J, N Y, PA, S C, AND TENN. CENTRAL: FEDERAL REGIONS V AND VII INCLUDE ILL, IND, KANS, MICH, MINN, OHIO, AND WIS. WEST: FEDERAL REGIONS VI, VIII, IX, AND X INCLUDE CALIF, COLO, OKLA, OREG, S D, TEX, UTAH, WASH, AND WYO.

2/ NUMBER OF GROWERS, VOLUME OF SALES, PRICE PER POUND, AND VALUE OF SALES ESTIMATES ARE PRIMARILY AGARICUS, BUT ALSO INCLUDE EXOTICS AND SPECIALTIES THROUGH THE 1986-87 CROP YEAR. STATISTICS FOR 1987-88 ARE FOR AGARICUS ONLY.

3/ NUMBER OF GROWERS COUNTED ONCE IF GROWING BOTH AGARICUS AND EXOTICS.

MUSHROOMS: POUNDS YIELD AND DOLLAR VOLUME PER SQUARE FOOT
OF GROWING AREA, JULY 1, 1985 TO JUNE 30, 1988 1/

STATE AND REGION	YIELD PER SQUARE FOOT			DOLLAR VOLUME PER SQUARE FOOT		
	1985-86	1986-87	1987-88	1985-86	1986-87	1987-88
	POUNDS			DOLLARS		
PA	4.25	4.56	4.71	2.84	3.15	3.39
EAST 2/	4.36	4.61	4.74	3.22	3.43	3.67
CENTRAL 2/	5.02	4.86	5.09	4.56	4.58	4.94
CALIF	4.74	5.14	5.16	4.63	5.66	5.05
WEST 2/	4.71	5.00	4.56	4.73	5.39	4.52
U S	4.54	4.74	4.73	3.81	4.10	4.07

1/ YIELD AND DOLLAR VOLUME PER SQUARE FOOT ESTIMATES ARE PRIMARILY AGARICUS, BUT ALSO INCLUDE EXOTICS AND SPECIALTIES THROUGH 1986-87. STATISTICS FOR 1987-88 ARE FOR AGARICUS ONLY.

2/ STATES REPORTING IN 1987-88. EAST: FEDERAL REGIONS I-IV INCLUDE CONN, DEL, FLA, GA, MD, N J, N Y, PA, S C, AND TENN. CENTRAL: FEDERAL REGIONS V AND VII INCLUDE ILL, IND, KANS, MICH, MINN, OHIO, AND WIS. WEST: FEDERAL REGIONS VI, VIII, IX, AND X INCLUDE CALIF, COLO, OKLA, OREG, S D, TEX, UTAH, WASH, AND WYO.

MUSHROOMS: SALES BY TYPE AND PERCENT OF TOTAL, 1966-88 1/ 2/

YEAR	FRESH MARKET		PROCESSING		TOTAL PRODUCTION
	VOLUME OF SALES	PERCENT	VOLUME OF SALES	PERCENT	
	1,000 POUNDS		1,000 POUNDS		1,000 POUNDS
1966-67	41,951	25	122,964	75	164,915
1967-68	47,611	26	132,980	74	180,591
1968-69	56,024	30	132,783	70	188,807
1969-70	62,115	32	131,764	68	193,879
1970-71	58,269	28	148,541	72	206,810
1971-72	66,323	29	165,050	71	231,373
1972-73	76,728	30	177,274	70	254,002
1973-74	102,293	37	177,200	63	279,493
1974-75	126,118	42	172,963	58	299,081
1975-76	142,121	46	167,695	54	309,816
1976-77	151,247	44	195,882	56	347,129
1977-78	191,080	48	207,623	52	398,703
1978-79	229,538	51	224,469	49	454,007
1979-80	255,846	54	214,223	46	470,069
1980-81	275,052	59	194,524	41	469,576
1981-82	319,132	62	198,014	38	517,146
1982-83	337,234	69	153,592	31	490,826
1983-84	388,075	69	173,456	31	561,531
1984-85	419,913	70	175,768	30	595,681
1985-86	427,204	73	160,752	27	587,956
1986-87	457,299	74	157,094	26	614,393
1987-88	468,776	74	162,914	26	631,690

1/ TOTAL PRODUCTION IS EQUIVALENT TO FRESH MARKET AND PROCESSING SALES EXCLUDING SHRINKAGE, CULLS, ETC.

2/ TOTAL PRODUCTION, FRESH MARKET AND PROCESSING VOLUME OF SALES ESTIMATES ARE PRIMARILY AGARICUS, BUT ALSO INCLUDE EXOTICS AND SPECIALTIES THROUGH 1986-87. STATISTICS FOR 1987-88 ARE FOR AGARICUS ONLY.

MUSHROOMS: PRICE AND VALUE BY TYPE OF SALE, 1966-88 1/ 2/

YEAR	FRESH MARKET		PROCESSING		ALL SALES	
	PRICE	VALUE	PRICE	VALUE	PRICE	VALUE
	PER POUND	OF SALES	PER POUND	OF SALES	PER POUND	OF SALES
	DOLLARS	1,000 DOLLARS	DOLLARS	1,000 DOLLARS	DOLLARS	1,000 DOLLARS
1966-67	.465	19,520	.313	38,505	.352	58,025
1967-68	.449	21,384	.303	40,269	.341	61,653
1968-69	.461	25,845	.316	42,011	.359	67,856
1969-70	.451	28,004	.339	44,701	.375	72,705
1970-71	.544	31,688	.390	57,932	.433	89,620
1971-72	.579	38,386	.415	68,496	.462	106,882
1972-73	.555	42,596	.380	67,379	.433	109,975
1973-74	.571	58,407	.367	64,947	.441	123,354
1974-75	.607	76,552	.409	70,690	.492	147,242
1975-76	.719	102,234	.530	88,864	.617	191,098
1976-77	.824	124,613	.669	131,065	.737	255,678
1977-78	.901	172,159	.652	135,429	.771	307,588
1978-79	.949	217,770	.642	144,030	.797	361,800
1979-80	.958	245,201	.576	123,396	.784	368,597
1980-81	.947	260,439	.586	114,060	.798	374,499
1981-82	.968	308,805	.555	109,901	.810	418,706
1982-83	1.000	338,048	.608	93,373	.879	431,421
1983-84	.965	374,327	.646	112,061	.866	486,388
1984-85	.935	392,762	.574	100,886	.829	493,648
1985-86	.948	404,914	.549	88,179	.839	493,093
1986-87	.969	443,037	.564	88,621	.865	531,658
1987-88	.949	444,854	.610	99,327	.861	544,181

1/ PRICE PER POUND AND VALUE OF SALES ESTIMATES ARE AT POINT OF FIRST SALE AND INCLUDE ALLOWANCES FOR SOME MARKETING FUNCTIONS. PRICES ARE DERIVED FROM THE VALUE OF SALES ESTABLISHED BY VARIETY AND STATE.

2/ FRESH MARKET, PROCESSING, AND ALL SALES ESTIMATES ARE PRIMARILY AGARICUS, BUT ALSO INCLUDE EXOTICS AND SPECIALTIES THROUGH 1986-87. STATISTICS FOR 1987-88 ARE FOR AGARICUS ONLY.

MUSHROOMS: NUMBER OF GROWERS, AREA IN PRODUCTION, POUNDS YIELD
AND DOLLAR VOLUME PER SQUARE FOOT, 1966-88 1/

YEAR	GROWERS 2/	AREA IN PRODUCTION	YIELD PER SQUARE FOOT	DOLLAR VOLUME PER SQUARE FOOT
	NUMBER	1,000 SQUARE FEET	POUNDS	DOLLARS
1966-67		80,595	2.05	0.72
1967-68		83,389	2.17	0.74
1968-69		84,728	2.23	0.80
1969-70		82,350	2.35	0.88
1970-71		87,490	2.36	1.02
1971-72		93,798	2.47	1.14
1972-73		102,315	2.48	1.07
1973-74		107,584	2.60	1.15
1974-75		110,921	2.70	1.33
1975-76		114,711	2.70	1.67
1976-77		117,692	2.95	2.17
1977-78		135,101	2.95	2.28
1978-79		146,738	3.09	2.47
1979-80		150,758	3.12	2.44
1980-81		140,346	3.35	2.67
1981-82		141,326	3.66	2.96
1982-83	440	135,395	3.63	3.19
1983-84	433	142,810	3.93	3.41
1984-85	441	139,133	4.28	3.55
1985-86	514	129,565	4.54	3.81
1986-87	413	129,660	4.70	3.94
1987-88	356	133,646	4.73	4.07

1/ NUMBER OF GROWERS, AREA IN PRODUCTION, YIELD AND DOLLAR VOLUME PER SQUARE FOOT ESTIMATES ARE PRIMARILY AGARICUS, BUT ALSO INCLUDE EXOTICS AND SPECIALTIES THROUGH 1985-86. STATISTICS AFTER 1985-86 ARE FOR AGARICUS ONLY.

2/ ESTIMATES FOR NUMBER OF GROWERS ARE NOT AVAILABLE PRIOR TO 1982-83. ESTIMATES ARE BASED ON GROWERS WITH SALES AND INCLUDE ALL KNOWN GROWING FACILITIES.

AGARICUS MUSHROOMS: BED OR TRAY AREA TO BE IN PRODUCTION 1/

STATE	: INTENTIONS JUL 1988 - JUN 1989				: INTENTIONS AS PERCENT OF 1987-88			
	: FIRST : FILLING:	: SECOND : FILLING:	: ADDITIONAL : FILLINGS	: TOTAL	: FIRST : FILLING:	: SECOND : FILLING:	: ADDITIONAL : FILLINGS	: TOTAL
	1,000 SQUARE FEET				PERCENT			
CALIF	4,020	4,025	14,282	22,327	101	101	103	102
DEL	521	507	579	1,607	93	93	100	96
GA	166	166	879	1,211	100	100	100	100
IND	326	326	1,636	2,288	102	102	103	103
MD	225	207	258	690	102	106	105	104
MICH	928	1,088	2,315	4,331	86	101	109	101
N Y	357	357	367	1,081	130	117	191	140
OHIO	636	636	1,303	2,575	100	100	100	100
PA	16,984	16,682	25,129	58,795	96	97	99	97
OTH								
STS 2/	8,484	8,480	26,018	42,982	121	121	109	113
EAST 3/	19,442	19,108	37,694	76,244	96	97	100	98
CENTRAL 3/	3,321	3,474	8,541	15,336	96	100	106	102
WEST 3/	9,884	9,892	26,531	46,307	120	120	109	113
U S	32,647	32,474	72,766	137,887	102	103	104	103

1/ INTENDED AREA ESTIMATES ARE FOR AGARICUS ONLY.

2/ COLO, CONN, FLA, ILL, KANS, MINN, N J, OKLA, OREG, S C, S D, TENN, TEX, UTAH, WASH, WIS, AND WYO.

3/ STATES REPORTING IN 1987-88. EAST: FEDERAL REGIONS I-IV INCLUDE CONN, DEL, FLA, GA, MD, N J, N Y, PA, S C, AND TENN. CENTRAL: FEDERAL REGIONS V AND VII INCLUDE ILL, IND, KANS, MICH, MINN, OHIO, AND WIS. WEST: FEDERAL REGIONS VI, VIII, IX, AND X INCLUDE CALIF, COLO, OKLA, OREG, S D, TEX, UTAH, WASH, AND WYO.

EXOTIC MUSHROOMS: AREA IN PRODUCTION, JULY 1 - JUNE 30

YEAR AND VARIETY	AREA		
	NATURAL WOOD OUTDOOR LOGS	NATURAL WOOD UNDERCOVER AND INDOOR LOGS	ALL OTHER PRODUCTION MEDIA
1987-88	1,000		1,000 SQUARE FEET
SHIITAKE	371	25	991
OYSTER			168
OTHER			86
U S	371	25	1,245

EXOTIC MUSHROOMS: NUMBER OF GROWERS, TOTAL PRODUCTION, VOLUME OF SALES, PRICE PER POUND, AND VALUE OF SALES, JULY 1 - JUNE 30

YEAR AND VARIETY	GROWERS	ALL SALES			
		TOTAL PRODUCTION 1/	VOLUME OF SALES 2/	PRICE PER POUND	VALUE OF SALES
	NUMBER	1,000 POUNDS		DOLLARS	1,000 DOLLARS
1986-87					
SHIITAKE		3,448	3,436	5.42	18,608
OYSTER		1,428	1,283	2.07	2,653
OTHER		303	299	3.13	935
U S	61	5,179	5,018	4.42	22,196
1987-88					
SHIITAKE		3,723	3,596	5.34	19,201
OYSTER		921	891	2.30	2,047
OTHER		385	338	2.86	965
U S	64	5,029	4,825	4.60	22,213

1/ TOTAL PRODUCTION INCLUDES ALL FRESH MARKET AND PROCESSING SALES PLUS AMOUNT HARVESTED BUT NOT SOLD (SHRINKAGE, CULLAGE, DUMPED, ETC.)

2/ VIRTUALLY ALL EXOTIC MUSHROOM SALES ARE FOR FRESH MARKET.

EXOTIC MUSHROOMS: AREA TO BE IN PRODUCTION

VARIETY	NATURAL WOOD OUTDOOR LOGS	NATURAL WOOD UNDERCOVER AND INDOOR LOGS	ALL OTHER PRODUCTION MEDIA
	1,000		1,000 SQUARE FEET
	INTENTIONS JULY 1, 1988 - JUNE 30, 1989		
SHIITAKE	494	96	1,054
OYSTER			221
OTHER			115
U S	494	96	1,390
	INTENTIONS AS PERCENT OF 1987-88		
SHIITAKE	133	384	106
OYSTER			132
OTHER			134
U S	133	384	112

AGARICUS AND EXOTIC MUSHROOMS COMBINED: NUMBER OF GROWERS, VOLUME OF SALES, PRICE PER POUND, AND VALUE OF SALES, JULY 1 - JUNE 30

YEAR	GROWERS 1/	ALL SALES		
		VOLUME OF SALES	PRICE PER POUND	VALUE OF SALES
	NUMBER	1,000 POUNDS	DOLLARS	1,000 DOLLARS
1986-87	468	614,393	.865	531,658
1987-88	411	636,515	.890	566,394

1/ NUMBER OF GROWERS COUNTED ONCE IF GROWING BOTH AGARICUS AND EXOTICS.

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Volume of sales for commercially grown specialty mushrooms (Shiitake, Oyster, and all other exotics), totaled 4.80 million pounds, 4 percent below the 1986-87 volume. Virtually all specialty mushrooms are sold fresh. The value of the 1987-88 specialty mushroom crop was \$22.0 million, virtually unchanged from the previous year. These specialty mushrooms were grown on 371 thousand natural wood outdoor logs, 25.0 thousand natural wood undercover and indoor logs, and 1.25 million square feet. This year's survey included 64 specialty growers with commercial production in 16 States. This compares with 61 growers in 16 States for 1986-87. Shiitake sales were 3.60 million pounds, 5 percent above the previous year. This production was grown on 371 thousand natural wood outdoor logs, 25.0 thousand natural wood undercover and indoor logs, and 991 thousand square feet. The value of sales was \$19.2 million or \$5.34 per pound. Oyster sales were 891 thousand pounds, down 31 percent from the 1986-87 crop. This production was grown on 168 thousand square feet. The value of sales was just over \$2.00 million or \$2.30 per pound. All other specialty sales totaled 338 thousand pounds, a 13 percent increase from the previous year. Production area totaled 86.0 thousand square feet. The value of sales totaled almost \$1.00 million or \$2.86 per pound. If growers' 1988-89 intentions are carried out, the number of Shiitake natural wood outdoor logs in production will increase 33 percent, natural wood undercover and indoor logs will have a 3 fold or 284 percent increase and square feet will go up 6 percent. Oyster producing area will be up 32 percent, while all other specialty intentions are expected to rise 34 percent.

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