

PRICES PAID FOR FERTILIZERS AND AGRICULTURAL CHEMICALS - 2023

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**United States
Department of
Agriculture**



**NATIONAL
AGRICULTURAL
STATISTICS
SERVICE**

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1. Did this operation sell fertilizers or agricultural chemicals to farmers/ranchers in the U.S. during 2022?

5000

1 Yes - Go to Question 2

3 No - Go to Question 12

2. Did this operation sell fertilizers to farmers/ranchers in the U.S. during 2022?

Yes - Continue

No - Go to Question 4

3. Report the total amount of fertilizer sold to farmers/ranchers in 2022 and either the total value of sales or the average price per unit sold to farmers/ranchers in the U.S. in 2022. Report only for items listed. Exclude state sales tax and delivery charges.

			Fill in one column below:		
MIXED FERTILIZER	What was the total amount sold in 2022?	Unit	What was the total value of sales in 2022?	OR	What was the average price per unit in 2022?
9 – 23 – 30	5012	Tons	5013 \$	OR	788 \$ _____
10 – 10 – 10	5014	Tons	5015 \$	OR	715 \$ _____
10 – 20 – 20	5016	Tons	5017 \$	OR	718 \$ _____
10 – 34 – 0	5018	Tons	5019 \$	OR	719 \$ _____
11 – 37 – 0	5020	Tons	5021 \$	OR	808 \$ _____
11 – 52 – 0	5022	Tons	5023 \$	OR	720 \$ _____
12 – 40 – 0	5024	Tons	5025 \$	OR	721 \$ _____
13 – 13 – 13	5026	Tons	5027 \$	OR	722 \$ _____
16 – 20 – 0	5030	Tons	5031 \$	OR	725 \$ _____
17 – 17 – 17	5032	Tons	5033 \$	OR	795 \$ _____
18 – 46 – 0 (Diammonium Phosphate)	5034	Tons	5035 \$	OR	726 \$ _____
19 – 19 – 19	5036	Tons	5037 \$	OR	796 \$ _____
Other top sellers, specify: 5330 _____					

			Fill in one column below:		
FERTILIZER MATERIALS	What was the total amount sold in 2022?	Unit	What was the total value of sales in 2022?	OR	What was the average price per unit in 2022?
Ammonium Nitrate (34-0-0)	5038	Tons	5039 \$	OR	733 \$ _____
Anhydrous Ammonia (exclude cost of application)	5040	Tons	5041 \$	OR	735 \$ _____
Muriate of Potash – 60-62% K ₂ O (Potassium Chloride)	5042	Tons	5043 \$	OR	701 \$ _____
Nitrogen Solution – 32% N (exclude cost of application)	5044	Tons	5045 \$	OR	732 \$ _____
Triple Superphosphate (concentrated) – 44-46% P ₂ O ₅	5046	Tons	5047 \$	OR	703 \$ _____
Urea – 44-46% N	5048	Tons	5049 \$	OR	734 \$ _____
Other top sellers, specify: 5331 _____					

4. Did this operation sell fungicides to farmers/ranchers in the U.S. during 2022?

- Yes - Continue No - Go to Question 6

5. Report the total amount of fungicides sold to farmers/ranchers in 2022 and either the total value of sales or the average price per unit sold to farmers/ranchers in the U.S. in 2022. Report only for items listed. Exclude state sales tax and delivery charges.

Report prices for the ACTIVE INGREDIENTS specified. Chemical trade names are provided to assist with the reporting process and are only examples of what may exist for each active ingredient.

Use these unit codes below:

Liquid Measure		Dry Measure	
Code	Unit	Code	Unit
12	Gallon	1	Pound
13	Quart	2	Cwt
14	Pint	3	Ton
15	Liquid Oz	23	Fifty Pound Bag
41	Liter	24	Hundred Pound Bag
42	Drum (30 gal)	28	Dry Oz
		30	Grams

FUNGICIDES	What was the total amount sold in 2022?	In what unit? (use table above)	Fill in one column below:		
			What was the total value of sales in 2022?	OR	What was the average price per unit in 2022?
Captan, 50% WP	5100	1736	5101 \$	OR	736 \$ _____
Chlorothalonil, 6 lbs/gallon - Eco 720, Bravo 720	5102	1773	5103 \$	OR	773 \$ _____
Copper Hydroxide, 77% - Kocide 101	5104	1966	5105 \$	OR	966 \$ _____
Fosetyl-AI, 80% - Aliette WDG	5106	1972	5107 \$	OR	972 \$ _____
Propiconazole, 3.6 lbs/gallon - Tilt	5108	1550	5109 \$	OR	550 \$ _____
Pyraclostrobin, 2.0 lbs/gallon - Headline	5110	1551	5111 \$	OR	551 \$ _____
Sulfur, 80% - Microthiol Disperss, Kumulus DF	5112	1705	5113 \$	OR	705 \$ _____
Other top sellers, specify: 5333 _____					

6. Did this operation sell herbicides to farmers/ranchers in the U.S. during 2022?

- Yes - Continue No - Go to Question 8

7. Report the total amount of herbicides sold to farmers/ranchers in 2022 and either the total value of sales or the average price per unit sold to farmers/ranchers in the U.S. in 2022. Report only for items listed. Exclude state sales tax and delivery charges.

Report prices for the ACTIVE INGREDIENTS specified. Chemical trade names are provided to assist with the reporting process and are only examples of what may exist for each active ingredient.

Use these unit codes below:

Liquid Measure		Dry Measure	
Code	Unit	Code	Unit
12	Gallon	1	Pound
13	Quart	2	Cwt
14	Pint	3	Ton
15	Liquid Oz	23	Fifty Pound Bag
41	Liter	24	Hundred Pound Bag
42	Drum (30 gal)	28	Dry Oz
		30	Grams

HERBICIDES	What was the total amount sold in 2022?	In what unit? (use table above)	Fill in one column below:		
			What was the total value of sales in 2022?	OR	What was the average price per unit in 2022?
2, 4-D, 3.8 lbs/gallon - 2, 4-D Amine 4, Weedar 64	5150	1742	5151 \$	OR	742 \$ _____
Atrazine, 4 lbs/gallon - Atrazine 4L, AAtrex 4L	5152	1930	5153 \$	OR	930 \$ _____
Dicamba, 4 lbs/gallon - Banvel	5156	1765	5157 \$	OR	765 \$ _____
Glufosinate - ammonium, 2.34 lbs/gallon - Liberty	5158	5159	5160 \$	OR	5161 \$ _____
Glyphosate, 4 lbs/gallon salt equivalent - Roundup, Roundup Original II	5162	1778	5163 \$	OR	778 \$ _____
Glyphosate, 5.5 lbs/gallon salt equivalent - Roundup WeatherMax, Roundup Original Max	5172	1994	5173 \$	OR	994 \$ _____
Mesotrione, 4 lbs/gallon - Callisto	5164	1553	5165 \$	OR	553 \$ _____
Pendimethalin 3.3 to 3.8 lbs/gallon - Prowl 3.3 EC, Prowl H ₂ O	5166	1767	5167 \$	OR	767 \$ _____
S-Metolachlor, 83% - Dual Magnum	5168	1798	5169 \$	OR	798 \$ _____
Trifluralin, 4 lbs/gallon - Trifluralin 4EC, Treflan H.F.P.	5170	1750	5171 \$	OR	750 \$ _____
Other top sellers, specify: 5334 _____					

8. Did this operation sell insecticides to farmers/ranchers in the U.S. during 2022?

- Yes - Continue No - Go to Question 10

9. Report the total amount of insecticides sold to farmers/ranchers in 2022 and either the total value of sales or the average price per unit sold to farmers/ranchers in the U.S. in 2022. Report only for items listed. Exclude state sales tax and delivery charges.

Report prices for the ACTIVE INGREDIENTS specified. Chemical trade names are provided to assist with the reporting process and are only examples of what may exist for each active ingredient.

Use these unit codes below:

Liquid Measure		Dry Measure	
Code	Unit	Code	Unit
12	Gallon	1	Pound
13	Quart	2	Cwt
14	Pint	3	Ton
15	Liquid Oz	23	Fifty Pound Bag
41	Liter	24	Hundred Pound Bag
42	Drum (30 gal)	28	Dry Oz
		30	Grams

INSECTICIDES	What was the total amount sold in 2022?	In what unit? (use table above)	Fill in one column below:		
			What was the total value of sales in 2022?	OR	What was the average price per unit in 2022?
Bifenthrin, 2 lbs/gallon - Brigade 2 EC, Tundra EC	5211	1555	5212 \$	OR	555 \$ _____
Carbaryl, 80% - Sevin 80S, Sevin 80 WSP	5213	1752	5214 \$	OR	752 \$ _____
Chlorpyrifos, 4 lbs/gallon - Warhawk, Chlorpyrifos 4E-AG	5231	1754	5232 \$	OR	754 \$ _____
Imidacloprid, 4 lbs/gallon	840	841	842 \$	OR	830 \$ _____
Lambda-cyhalothrin, 1 lb/gallon - Warrior, Karate	5219	1554	5220 \$	OR	554 \$ _____
Permethrin 2 lbs/gallon - Ambush	5223	1751	5224 \$	OR	751 \$ _____
Permethrin 3.2 lbs/gallon - Pounce 3.2 EC, Micro Flo Permethrin 3.2 AG, Perm-UP 3.2EC	5225	1759	5226 \$	OR	759 \$ _____
Phorate, 20% - Phorate 20 G, Thimet 20-G	5227	1758	5228 \$	OR	758 \$ _____
Terbufos, 15% - Counter 15G	5229	1760	5230 \$	OR	760 \$ _____
Other top sellers, specify: 5335	_____				

10. Did this operation sell other chemicals to farmers/ranchers in the U.S. during 2022?

Yes - Continue

No - Go to Question 12

11. Report the total amount of other chemicals sold to farmers/ranchers in 2022 and either the total value of sales or the average price per unit sold to farmers/ranchers in the U.S. in 2022. Report only for items listed. Exclude state sales tax and delivery charges.

Report prices for the ACTIVE INGREDIENTS specified. Chemical trade names are provided to assist with the reporting process and are only examples of what may exist for each active ingredient.

Use these unit codes below:

Liquid Measure		Dry Measure	
Code	Unit	Code	Unit
12	Gallon	1	Pound
13	Quart	2	Cwt
14	Pint	3	Ton
15	Liquid Oz	23	Fifty Pound Bag
41	Liter	24	Hundred Pound Bag
42	Drum (30 gal)	28	Dry Oz
		30	Grams

OTHER CHEMICALS	What was the total amount sold in 2022?	In what unit? (use table above)	Fill in one column below:		
			What was the total value of sales in 2022?	OR	What was the average price per unit in 2022?
Dichloropropene, 6 lbs/gallon	850	851	852 \$	OR	831 \$ _____
Ethephon, 6 lbs/gallon - Ethephon 6	5280	5281	5282 \$	OR	5283 \$ _____
Gibberellic Acid, 4% L - ProGibb 4%, GibGro 4LS, Falgro 4L	5284	1990	5285 \$	OR	990 \$ _____
Petroleum Oil, 6 lbs/gallon	860	861	862 \$	OR	832 \$ _____
Other top sellers, specify:	5336	_____			

12. Will this operation sell fertilizers or agricultural chemicals to farmers/ranchers in the U.S. in the future?

5001

Yes

No

13. **SURVEY RESULTS:** To receive the complete results of this survey on the release date, go to: nass.usda.gov/results

To have a brief summary emailed to you, please enter your email address:

1095

COMMENTS:

Operation Email (if different from above):

Operation Phone:

9937	9936	check if cell phone <input type="checkbox"/>
	() _____	

Respondent Name:

Respondent Phone (if different from above):

9912	9911	check if cell phone <input type="checkbox"/>	9910	MM	DD	YY
	() _____		Date: ___	___	___	___

This completes the survey. Thank you for your response.

OFFICE USE ONLY

Response		Respondent		Mode		Enum.	Eval.	R. Unit	Change	Office Use for POID			
1-Comp	9901	1-Op/Mgr	9902	1-PASI (Mail)	9903	9998	9900	9921	9985	9989			
2-R		2-Sp		2-PATI (Tel)						_____			
3-Inac		3-Acct/Bkpr		3-PAPI (Face-to-Face)						_____			
4-Office Hold		4-Partner		6-Email						Optional Use			
5-R - Est		9-Oth		7-Fax						9907	9908	9906	9916
6-Inac - Est				19-Other									
7-Off Hold - Est													

S/E Name
