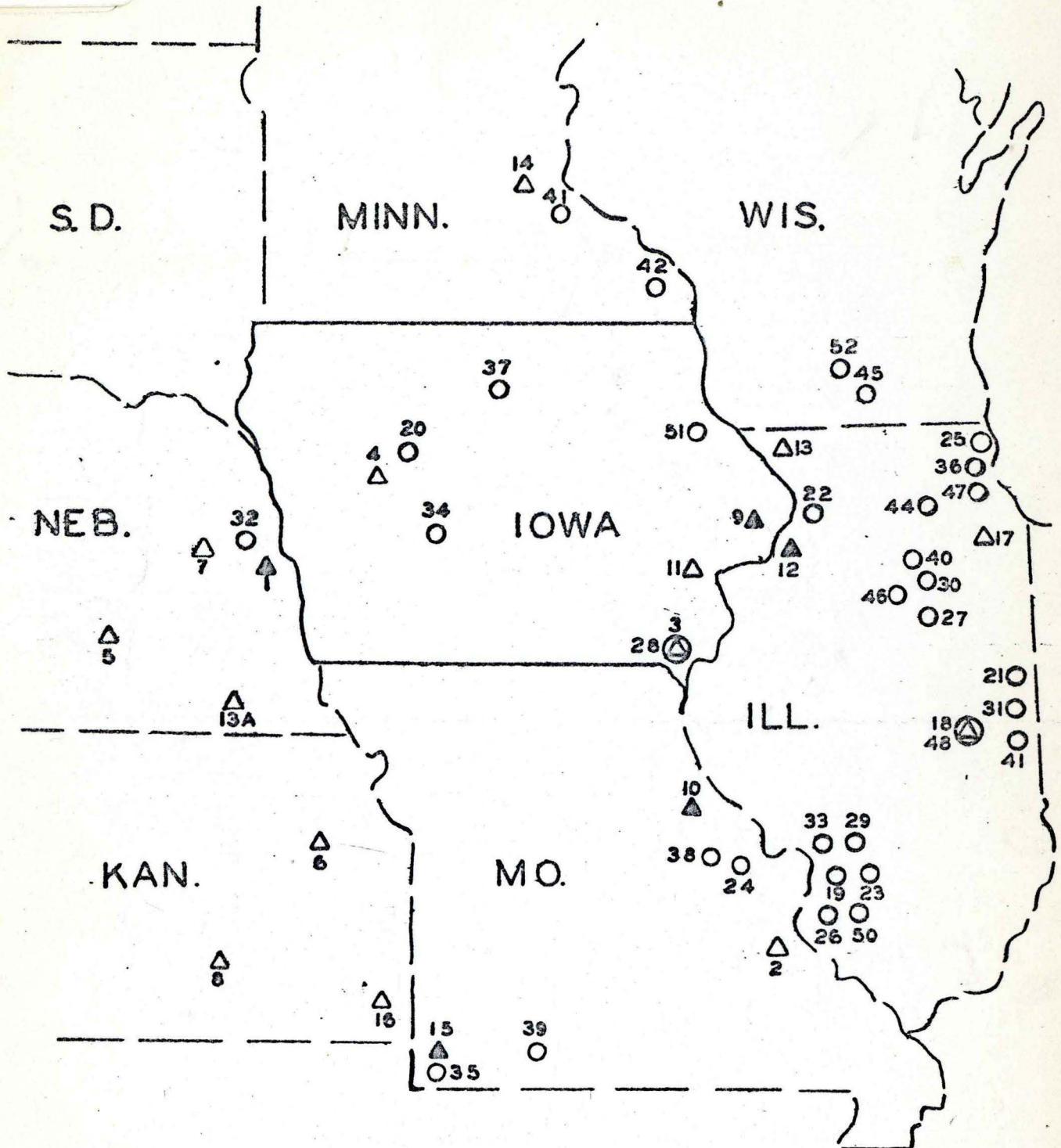


PLANTS PRODUCING BASIC FERTILIZER MATERIALS IN IOWA
AND CONTIGUOUS STATES, 1964, AND PLANNED FOR 1965



- △ Anhydrous Ammonia Producers
- △ Anhydrous Ammonia and Urea Producers
- Phosphatic Materials Producers
- Phosphatic Materials and Anhydrous Ammonia Producers

Numbers refer to firms listed on enclosed sheets.

ANHYDROUS AMMONIA AND UREA PRODUCERS
IN IOWA AND CONTIGUOUS STATES, 1964,
AND NEW FACILITIES PLANNED FOR 1965

Code	Firm	Location	CAPACITY 1,000 Tons of <u>Anhydrous</u> <u>Ammonia</u> Per Year	CAPACITY 1,000 Tons of <u>Urea</u> Per Year
1	Allied Chemical Corp.	Omaha, Neb.	180 (1)	110
2	Armour Agricultural Chem. Co.	Crystal City, Mo.	75	
3	California Chem. Co.	Fort Madison, Ia.	105	
4	Consumers Coop. Assn.	Fort Dodge, Ia.	108 (2)	
5	Consumers Coop. Assn.	Hastings, Neb.	70	
6	Coop. Farm Chemicals Assn.	Lawrence, Kan.	140	
7	Farmers Union State Exch. and Farmers Elevator Service Co.	Fremont, Neb.	120 (3)	55
8	Frontier Chemical Co.	Wichita, Kan.	15	
9	Hawkeye Chemical Co.	Clinton, Ia.	105	25
10	Hercules Powder Co.	Louisiana, Mo.	40	40
11	Monsanto Co.	Muscatine, Ia.	70	
12	Nitrin, Inc.	Cordova, Ill.	140	24
13	Northern Ill. Gas Co.	East Dubuque, Ill.	300 (4)	
13A	Phillips Petroleum Co.	Beatrice, Neb.	219 (5)	
14	St. Paul Ammonia Prod.	Pine Bend, Minn.	220	
15	Solar Nitrogen Chem.	Joplin, Mo.	135	52
16	Spencer Chemical Co.	Pittsburgh, Kan.	180	
17	Texaco, Inc.	Lockport, Ill.	80	
18	U.S. Industrial Chem.	Tuscola, Ill.	70	

- (1) Will add 100,000 ton capacity in 1965 to current 80,000 ton capacity.
- (2) Scheduled for production in 1965.
- (3) Scheduled for production in 1965.
- (4) Scheduled for production in 1965.
- (5) Scheduled for operation in May, 1965.

PHOSPHATIC MATERIALS PRODUCERS IN IOWA
AND CONTIGUOUS STATES, 1964

Code	Firm	Location
19	Allied Chemical Corporation	Fairmont City, Ill.
20	American Agricultural Chemical Co.	Humboldt, Ia.
21	American Agricultural Chemical Co.	Danville, Ill.
22	American Agricultural Chemical Co.	Fulton, Ill.
23	American Agricultural Chemical Co.	National Stockyards, Ill.
24	American Phosphate Co.	St. Louis, Mo.
25	Armour Agricultural Chemical Co.	Chicago Heights, Ill.
26	Armour Agricultural Chemical Co.	East St. Louis, Ill.
27	Ashkum Fertilizer Co.	Ashkum, Ill.
28	California Chemical Co.	Ft. Madison, Ia.
29	Darling and Co.	East St. Louis, Ill.
30	Des Plaines Chemical Co.	Morris, Ill.
31	Federal Chemical Co.	Danville, Ill.
32	Federal Chemical Co.	Omaha, Neb.
33	F. S. Services	East St. Louis, Ill.
34	W. R. Grace and Co.	Perry, Ia.
35	W. R. Grace and Co.	Joplin, Mo.
36	International Minerals & Chem. Corp.	Chicago Heights, Ill.

Code	Firm	Location
37	International Minerals & Chem. Corp.	Mason City, Ia.
38	Missouri Farmers Association	Maryland Heights, Mo.
39	Missouri Farmers Association	Springfield, Mo.
40	National Phosphate Corp.	Marseilles, Ill.
41	Northwest Coop. Mills, Inc.	Pine Bend, Minn.
42	Northwest Coop. Mills, Inc.	Winona, Minn.
43	Northwest Coop. Mills, Inc.	Green Bay, Wisc.
44	Olin Mathieson Chemical Corp.	Joliet, Ill.
45	F. S. Royster Guano Co.	Madison, Wisc.
46	Smith Douglas Co. Inc.	Streator, Ill.
47	Stauffer Chemical Co.	Chicago Heights, Ill.
48	U. S. Industrial Chemical Co.	Tuscola, Ill.
49	U. S. Industrial Chemical Co.	Danville, Ill.
50	Virginia Carolina Chemical Corp.	East St. Louis, Ill.
51	Virginia Carolina Chemical Corp.	Dubuque, Ia.
52	Wisconsin Farmco Service Coop.	Prairie du Chien, Wisc.

CAPACITY FOR AMMONIA AND UREA PRODUCTS
BY STATE, 1964, AND ESTIMATED FOR 1965

State	ANHYDROUS AMMONIA Thousand Tons Per Year		UREA Thousand Tons Per Year	
	1964	1965 (Est.)	1964	1965 (Est.)
Illinois	290	590	24	24
Iowa	280	388	25	25
Kansas	335	335	--	--
Minnesota	220	220	--	--
Missouri	250	250	92	92
Nebraska	150	589	110	165
South Dakota	--	--	--	--
Total	1,575	2,322	251	306

CAPACITY FOR AMMONIA AND UREA PRODUCTS
 BY STATE, 1964, AND ESTIMATED FOR 1965

State	ANHYDROUS AMMONIA Thousand Tons Per Year		UREA Thousand Tons Per Year	
	1964	1965 (Est.)	1964	1965 (Est.)
Illinois	290	290	24	24
Iowa	280	280	25	25
Kansas	332	332	--	--
Minnesota	220	220	--	--
Missouri	250	250	93	93
Nebraska	120	120	110	110
South Dakota	--	--	--	--
Total	1,572	1,572	206	206