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that the company charged \$470,423 against profit for accelerated amortization.

Pennsalt is currently undertaking the largest plant expansion program in its history-\$7,280,000. Agricultural chemicals are receiving a good share of the planned expansion at Calvert City, Ky., where the company is building a large new chlorine-caustic plant, \$700,000 facilities for chlorinated organics and other chemicals. The second largest project in Pennsalt's program is installation of facilities for doubling the synthetic ammonia output at Wyandotte, Mich. Chemicals for agriculture are also involved in the enlargement being planned for Pennsalt's Tacoma, Wash., plant.

CSC's 1952 Net Slipped to 52 Cents a Share

Commercial Solvents Corp.'s annual report shows earnings of 52 cents a common share for 1952, compared with \$2.22 a share for 1951. A sharp decline in dollar sales from over \$61 million in 1951 to about \$50.3 million in 1952 accounted for the decrease in earnings. Unit sales volume in most of the company's major product lines increased over the previous year but price declines, principally in antibiotics, caused the downturn in profits.

Earnings after taxes were \$1,368,392, against \$5,842,444 for 1951. In addition the company received a refund of \$1,107,387 for a portion of the excess profits taxes paid by the company for the years 1940 through 1943. Combined with net profits this figure increased per share earnings to 94 cents a share. CSC paid common stockholders a total dividend of \$1.00 per share during

During 1952, CSC took the remaining \$15 million of a total insurance loan of \$25 million, which was arranged in 1951 to finance expansion. A total of \$11.5 million was expended during 1952 for new plant and equipment. Another \$12.3 million is expected to be spent on expansion this year for increased capacity to produce ammonia, methanol, and solid ammonium nitrate. At Sterlington. La., the company will double its present ammonia plant. Part of the increase will go into solid form as ammonium nitrate in crystalline form. The rest will be sold as nitrogen solutions.

In the field of pesticides, the annual report notes that the unusually hot, dry weather during the past cotton growing season kept infestation of boll weevils at a minimum, thus reducing demand for benzene hexachloride. The report warns that heavy inventory carry-overs by basic manufacturers and distributors may affect the market for BHC in 1953.

CSC introduced three new animal feed products in 1952-Bacigro, an antibiotic pellet implanted in baby pigs to stimulate growth and reduce mortality; Molatein, an ammoniated molasses product which serves as low-cost protein for cattle, sheep, and goats; and Penbac, a combination of penicillin and bacitracin for use in swine and poultry feeds to stimulate growth and increase feed efficiency.

Monsanto Spent Record High \$73 Million for Expansion in '52

Monsanto Chemical Co. spent almost \$73 million on additional property investments during 1952, company president, Charles A. Thomas, told stockholders at their recent annual meeting. This is almost twice the amount Monsanto ever spent in a single previous year, he pointed out, and it does not include Monsanto's investment in the Chemstrand Corp., which is jointly owned by Monsanto and American

A 2% decrease in sales was reported by Monsanto for 1952. Sales totaled \$266,704,442, compared with \$272,845,-034 for 1951. Dr. Thomas attributes the decline to a high inventory carry-over from the 1951 scare buying, nationwide oil and steel strikes, a textile slump, and the slowing-up in detergents. Profits, however, suffered a decline of only \$288,641 or 1%, chiefly because of the anomaly of excess profits taxes.

The report blamed the drought and insect infestation for lower sales in the agricultural chemicals field, sales of which dropped from \$12,799,875 in 1951 to \$12,199,388 in 1952, remaining almost constant, however, at about 4.5% of the company's total sales. The drought affected weed growth as well as crop growth and lowered the sales of herbicides while generally low insect infestations depressed insecticide sales.

To the food industry, Monsanto sold about \$14 million worth (5.3% of total sales) of chemicals, such as coumarin, vanillin, saccharin, caffeine, phosphate baking powders, benzoic acid and sodium benzoate preservatives, and a long list of others.

New developments in these fields include the well-known soil conditioner, Krilium, which Monsanto put into production last year almost a year ahead of schedule. Another Monsanto entry is the 20-20-20 soluble fertilizer, Folium.

During the year, Monsanto spent about \$9 million on research, exclusive of development, patent, plant engineering, technical service, and control laboratory expenses. This represented almost 4% of sales and exceeded the research expenditure of 1951 by about \$2.5 million.

At the meeting, Dr. Thomas said the company expects to spend even more on research during 1953.

Despite Steel Strike, Continental Can's Sales High

Continental Can Co.'s sales for 1952 hit a new high for the company of \$476,884,615, passing up 1951 sales by 3.5%. Earnings were down, however, to \$14,387,839 from the \$15,210,720 earned in 1951.

Of the total sales, metal cans accounted for 77.1%; paper, paper containers and fiber drums, 11.1%; crown caps and cork products, 3.5%; defense work and miscellaneous products, 8.3%.

It is hard to estimate how much larger sales might have been if the steel strike had not curtailed availability of tinplate. Earnings reduction were largely because of retroactive wage increases and delayed compensating price increases.

Continental's expenditure for capital improvements during the year amounted to over \$18 million. Included were a new fiber drum plant at Pittsburg, Calif., and a new metal can plant at Vancouver, B. C. A new 250-foot Fourdrinier papermaking machine was installed at the Hopewell, Va., paper mill.

American Can Upped Sales 9%

American Can Co.'s sales and rentals rose 9% during 1952 to a record high of \$621,697,691, while profits dropped 9% to \$27,380,494. Also mentioned as a highlight of the year in the annual report was the company's expansion of manufacturing facilities.

During the year, American Can opened a new can-making plant at Stockton, Calif., and fiber milk container installations at Portland, Ore., and Tampa, Fla. Two new can-making facilities are scheduled for completion at Lemoyne, Pa., and Plymouth, Fla., this vear.

The 53-day steel strike stopped normal receipts of raw materials during the height of the canning season and made it necessary to transship plate between plants and the cutting of plate for purposes and sizes other than those for which it was ordered.

Cyanamid's Earnings, Sales Off

Cyanamid Co.'s American slipped 5% from a record high in 1951 to \$368,408,345, according to the annual report. The fall-off in volume reflected the lower rate of activity for business in general which prevailed during the first nine months of the year, Cyanamid's report pointed out.

Earnings were \$26,611,777 for 1952, compared with 1951 profits of \$34,788,-084, which included a nonrecurring profit of \$5,880,000 from the accumulated earnings and sale of Cyanamid's interest in Southern Alkali Corp.