



## BUSINESS NEWS..

### Hamilton Handles Stump Cutters



Hamilton Equipment was recently named exclusive distributor of Ashland stump cutters, land levelers and earthmovers. The Stump Master (pictured) mounts on 3-point hitch tractors and can remove hundreds of stumps a day. Earthmovers are available in 2½- to 16-cubic-yard models. For information contact Hamilton Equipment, Inc., 567 S. Reading Rd., P.O. Box 478, Ephrata, PA, 17522. Phone: 717-733-7951.

### Seed Treatment Gives Wheat Healthy Start

SALISBURY, Md. — One of the first systemic seed treatment fungicides on the market, Vitavax-200 (R) Flowable Fungicide, today remains the most popular and one of the most widely used by wheat farmers across the United States.

"With Vitavax-200, farmers choosing to have their seed treated get the best of both worlds, because it contains a systemic and a contact fungicide," says Frank Welch, marketing director for Beachley-Hardy Seed Company.

The surface action of the contact fungicide, Thiram, protects the seed from soil-borne disease and decay. The systemic fungicide, Carboxin, is absorbed through the seed coat and translocated into the developing seedling.

"The systemic action provides protection for up to three weeks, allowing your plants time to develop healthy root systems and hardy foliage," says Welch.

Welch says university tests show not only an increase in yield from treated versus untreated seed, but also increases in germination percentages in diseased seed.

The popularity of the systemic fungicide comes not only from its effectiveness to control disease, but also from the cost effectiveness of using it versus an in-furrow or broadcast application of a fungicide.

"The field application of a fungicide can cost three to five times what a seed treatment costs

and still not offer the assurance that the fungicide will come into contact with the seed," says Welch.

LEBANON — Vernon Bishop, founder and president of Lebanon Chemical Corporation, has announced the celebration of the company's 40th year of service to the agricultural and turfgrass industries of North America.

Established in 1947, Lebanon Chemical began as a small fertilizer business operating out of a renovated drop forge plant in Lebanon, Pa. Founded on service to production agriculture, the company's reputation for quality grew, bringing prosperity and new opportunities for future growth.

While strengthening its position in the agricultural marketplace, Lebanon branched out with new product lines for the turf and horticultural markets. It started supplying Sears and Roebuck, as well as many other customers, with its own brands of private label fertilizers.

Today, Lebanon's branded and private label products reach out to homeowners and professional users from coast to coast, and represent almost 50 percent of the company's total volume.

Much of Lebanon Chemical's

# Deere To Celebrate 150th Anniversary With Tours, Displays

MOLINE, Ill. — This year Deere & Company celebrates a corporate milestone that few American industrial companies have attained — the 150th anniversary of continuously doing business under the same name.

The event that led to the founding of the company in 1837, while unheralded at the time, changed the course of an important segment of U.S. history: the agricultural development of the bountiful midwestern prairies by eastward moving frontiersmen and women.

Working in a small blacksmith shop in the tiny village of Grand Detour, Illinois, a "smithy" from New England named John Deere set out to solve a problem that was plaguing the farmers who were arriving in the midwest from the east in increasing numbers. The problem was simple: the fertile midwestern soil was so sticky that it gummed up on the farmers' plows. This meant they had to stop their teams of horses every few steps and scrape the plow blade clean.

This was a laborious task and was so discouraging to some frontier farmers that they were beginning to pack up and return East. John Deere had been in Illinois for less than a year in 1837, having migrated from Vermont, when word of this dilemma caught his attention and his craftsman's imagination. He set out to find a solution to the problem and, by changing the material used in the plow from cast iron to steel, he succeeded.

Deere soon showed he had as much talent as a marketer as he did as an inventor and his new self-scouring plow became a hit with farmers. Within 10 years, the farm equipment business of John Deere had grown at such a pace that he decided to move it to the Mississippi river town of Moline, Illinois, to take advantage of the water power and better transportation facilities.



Deere's blacksmith shop has been recreated at the John Deere Historic Site in Grand Detour, Ill.

During 1987, Deere & Company will engage in activities to celebrate its 150th birthday. Events such as antique tractor competitions, factory and office open houses, displays of farm machinery that John Deere produced over the years and special events at the John Deere Historic Site at Grand Detour, will mark the anniversary year.

Special activities surrounding the 150th anniversary of John Deere's business that are open to the public include the equipment museum at the Deere & Company Administrative Center on John Deere Road in Moline, Illinois. The special display shows an evolution of equipment produced throughout the history of the company. The display is open year-round daily from 9 a.m. to 5 p.m. Large groups should call in advance 309-752-4208 or 309-752-4235.

Also of special interest is the John Deere Historic Site at Grand

Detour, Illinois. The site includes John Deere's original Illinois home, a replica of his first blacksmith shop, an archaeological exhibit supplemented with audio visual programs at the location of the original blacksmith shop and the restored home of a former neighbor of John Deere. For information call 815-652-4551.

The John Deere Historic Site is open from 9 a.m. to 5 p.m. daily from March 1 to November 30. Fee is \$1 for those 16 and older.

On July 16, 17, 18, and 19, hundreds of collectors of antique John Deere tractors from 48 States and from other countries will gather in Waterloo, Iowa, the home of Deere's tractor manufacturing in North America, for a major show of their restored equipment. The display will include Waterloo Boy and John Deere tractors and some implements produced between the early 1900s and 1960. For information call 309-752-5030.

## Lebanon Chemical Celebrates 40th Anniversary

growth in the past 40 years can be attributed to Vernon Bishop's successful practice of growth through acquisition. The purchase of New Jersey's Dayton Fertilizer plant in 1965 was the first of many acquisitions which proved to be profitable in choice and operation

for the company.

Once a single plant in Lebanon County, Lebanon Chemical now operates 48 producing locations in seven states and employs over 700 people. Its products, distributed throughout the continental United

States, are marketed under a variety of brand names, such as Lebanon, Greenview, Green Gold, Glorion, Country Club, Homestead, Greenskeeper, Lebanon Pro, Green Pro, and Turfmaster.

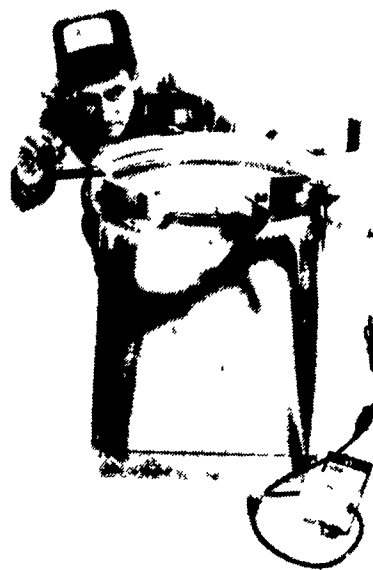
## Broad Pan Distributor Increases Silage Quality

DOYLESTOWN, Ohio — The broad pan Easy-Up Model 1604 silage distributor, a high capacity member of 3-J Manufacturing Company's powered distributor family, is now available from the manufacturer and at silo service companies and farm implement dealers in the U.S. and Canada.

The Model 1604 features the company's patented gear-driven, self-cleaning race design. Its new design incorporates a large 16-inch diameter assembly. A precision cast aluminum race is driven — rack and pinion style — by a completely sealed, burn-out resistant motor. This allows the stainless steel broad pan deflector to produce a near-flat distribution pattern in silage materials like haylage and high moisture ground ear corn without spillage, flow by or plugging — even from today's newer, higher capacity blowers.

The importance of a near-flat distribution pattern in silos has been stressed recently in a new study from the University of Wisconsin-Madison. Dr. Howard J.

Crowder, Elanco Marketing Services, Elanco Products Company, Lilly Corporate Center, Indianapolis, Indiana 46285



Easy-Up Silage Distributor

Larsen found that silage distribution patterns in silo filling are directly related to silo capacity and quality of the resulting feed. He concluded that the nearly flat pattern produced by a well-managed broad pan distributor could increase the capacity of a silo by as much as 30 percent. Silage

materials pack in a uniform fashion, rapidly exhausting air and promoting good quality feed.

The Model 1604 weighs less than 20 pounds and can be easily moved from silo to silo. Equipped with mounting brackets specified for hatch size and silo type, it simply drops onto the hatch mounting ring. These are provided by the manufacturer to fit most popular silos.

Easy-Up Model 1604 Silage Distributor is manufactured by 3-J Manufacturing Company Inc., 437 South Portage Road, Doylestown, Ohio 44230, telephone (216) 658-2529.

### Guide To Washington Available

INDIANAPOLIS, Ind. — The 100th Congress edition of "Agricultural Guide to Washington" is now available for distribution according to Elanco Products Company, publishers of the Guide.

The publication lists all members of Congress; Congressional committees and federal agencies relating to agriculture; and

agricultural trade associations. In addition to names, addresses and telephone numbers of legislators, committee members and key staffers, as well as key agency and association personnel, are included in the Guide. Also included is a fold-out map of Washington detailing the location of major buildings and agencies.

To obtain copies, contact M. S.

