

Herbicide survey queries no-tillers

SAN FRANCISCO, Cal. — Effectiveness "every time I use it" is the characteristic farmers want more than any other when using a non-selective contact herbicide, according to a national survey commissioned by Chevron Chemical Company.

The survey, which was conducted by Starch INRA Hooper, Inc., public opinion research company, drew a sample from a larger survey of farmers nationwide, including many in Pennsylvania. The purpose was to determine how much growers know about contact herbicides, and why they select the ones they do. According to Starch researchers, the sample was large

enough to be considered statistically reliable for no-till farmers as a whole.

No-till farmers were probed in depth for their opinions, as they are primary users of contact herbicides. Growers were asked to rank attributes of contact herbicides on a scale of one to five, with "1" meaning "not important at all" and "5" meaning "absolutely vital." On this scale, the surveyed growers gave "effectively every time I use it" a 4.70 average rating.

The study also zeroed in on attitudes toward three major non-selective contact herbicides — Ortho Paraquat Plus, Roundup and Bronco. In terms of ef-

fectiveness, growers rated Ortho Paraquat ahead of either Roundup or Bronco. In established no-till areas, which included Pennsylvania, 70% of the growers rated Paraquat as "excellent" or "very good" in this regard, compared to 55% for Roundup and 36% for Bronco.

The ability to kill perennial weeds was the second most desirable trait of a contact herbicide, according to the survey. In this case, Roundup ranked highest, Paraquat ranked second and Bronco ranked third.

Growers also want to see visible results shortly after application, according to the survey, as this characteristic ranked third on the list. Paraquat received the highest marks in terms of visible results, with 88% of the respondents ranking it "excellent" or "very

good." Fifty-six percent of the growers put Roundup in this category, and 37% said the same for Bronco.

The ability to mix a contact herbicide with a variety of residual herbicides also ranked high in importance. Eighty-six percent of the growers rated Paraquat "excellent" or "very good" in this respect, 48% did so for Roundup, and 40% so described Bronco.

Product price is important to growers, though surprisingly, the growers surveyed placed price considerations well down on the list of attributes that affect their purchasing decision.

Forty-nine percent scored Paraquat as "excellent" or "very good" in terms of price, 18% put Roundup in this category, and 13% felt this way about Bronco.

The survey considered

established no-till areas to be Delaware, Kentucky, Maryland, Tennessee, Virginia and Pennsylvania. It also covered areas of the Midwest and Midsouth where no-tillage is not as well established.

In terms of past product usage, 96% of the eastern farmers have purchased Paraquat, 84% have purchased Roundup and 28% have bought Bronco. While not all growers had made their purchasing decisions for 1984 at the time of the survey, 75% indicated they plan to purchase Paraquat, 24% said they will use Roundup, and 16% will try Bronco.

For the eastern farmers surveyed, the mean or average number of no-till areas farmed as 196. The average number of years the respondents have farmed no-till was 8.71.

Case offers tractor aid

RACINE, Wisc. — Users of the J I Case 94 Series Ag tractors with digital instrument cluster may now obtain a handy programming aid for quick reference of the digital functions. The programming instructions are printed on a card with a sliding insert and windows to align variable information.

This card, called "Programming the Intelligent Tractor," is 8½ by 11 inches, with informational charts printed on both sides. Sliding the center insert of the card exposes correlating information about the digital instrument functions.

The programming functions are listed on a column on the left. When the sliding insert is aligned with one function, the instructions for programming the tractor instrument cluster appear in a display window. A sample of the entire panel as it appears in the tractor is also shown.

Thus, checking the engine RPM function button, the reader will find a description of that feature. It tells what the operator should do to

get a read-out, how that data will help in running the tractor efficiently, and what warning features are built into the system.

Each button function is described in a similar way. Along with engine RPM, other buttons described on the chart are PTO RPM, area/done, timer control and hydraulic/transmission filters.

Three methods are listed for programming tire size, with necessary tire sizes and program numbers listed on charts. Additional charts and descriptions cover the rear wheel position indicator, the optional true ground speed sensor and English/metric selection.

It is available for \$3.00 from Ag Marketing Department, J I Case, 700 State Street, Racine, Wisconsin 53404. Make checks payable to J I Case.

SANDBLASTING AND SPRAY PAINTING

Aerial
Ladder
Equipment
Farm Buildings
Feed Mills
Commercial-
Industrial
Repainting
Interior/Exterior

HENRY K. FISHER INC.

667 Hartman Station Rd.
Lancaster, PA
393-6530



Double Bench Lawn Swings

Can be Dismantled to Haul in Pick-up,
Very Sturdy

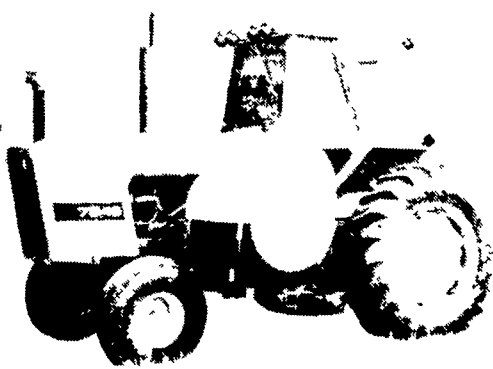
Porch Gliders Porch Swings
Porch Seats Picnic Tables

J.Z. LAWN SWINGS

17535 Kinzer RD #1
340 East of Lancaster to 897 North go
1 mi. keep left on Peter Road third farm
Or Call **717-354-3267**
Del. Available

Prepare Now For Spring PLANT 'n SPRAY- ONE TRIP ACROSS FIELD

Save Time-Save Fuel-Increase Yield



Featuring the TRIM VUE TANKS

Broadcast Apply Liquid Nitrogen, Liquid Fertilizer and/or Herbicides All In One Operation

"NEW" QUICK ATTACH SIDE MOUNT FRAME



Now you can remove your tanks and saddles quickly and easily while allowing the center section to remain on your tractor giving better vision and clearance while doing other chores.

LESTER A. SINGER

Lancaster County's Only Dealer
Specializing in Sprayer Sales & Service

RONKS, PA 717-687-6712

Mon - Fri 8 to 5, Saturday 9 to 12

Big Dutchman.

CONTROLLED CAGE FEEDING SYSTEMS



Big Dutchman chain and trough feeding systems give you the "best" controlled feeding for high density egg production operations. With feed costs continually rising control is essential for feed economy so don't settle for anything less than Big Dutchman.

Contact us for additional personalized information on these Big Dutchman feeder benefits.

- HIGHER PRODUCTION
- LESS WASTE SPILLAGE
- LIMIT FEEDING
- REDUCED OPERATION COST
- LOWER MORTALITY
- LESS EQUIPMENT WEAR

AUTHORIZED
Big Dutchman.
DISTRIBUTOR

H
HERSHEY EQUIPMENT
COMPANY, INC.

SYCAMORE IND. PARK
255 PLANE TREE DRIVE
LANCASTER, PA. 17603
(717) 393-5807

Route 30 West at the Centerville Exit