

# Agronomic crop topics highlight Northeastern Weed Science meeting

NEW YORK, N.Y. — Sessions covering a wide range of topics relating to agronomic crops will be held at the 36th Annual Northeastern Weed Science Society Meeting at the New York City Sheraton Centre Hotel, January 5-7.

Program chairman Tom Watschke of Penn State says the agronomic crops sessions are scheduled for Tuesday afternoon and Wednesday and Thursday mornings.

Section chairmen are: Betty

Marose, of the University of Maryland; Nathan Hartwig, of Penn State; and Frank Webb, of the University of Delaware.

Some of the technical papers to be presented include:

The Effect of Pendimethalin on Pigweed and Velvetleaf Development - T. Malefy and W.B. Duke, Cornell University, Ithaca, NY.

Postemergence Weed Control in Soybeans with some New Grass and Broadleaf Herbicides - L.C. Horng and R.D. Ilucki, Rutgers

University, New Brunswick, NJ  
Analysis of Weed Control Components for Conventional Wide-Row Soybeans in Delaware - D.L. Regehr, University of Delaware, Newark, DE,

Selected Weed Control Treatments for Minimum Tillage Corn - C.B. Coffman and J.R. Frank, USDA-S&E-ARS, Beltsville and Frederick, MD, and

Post-Cutting Herbicide Applications - R.A. Peters and J.R. Zaprzalka, University of Connecticut, Storrs.

More than a hundred papers will be presented at the three-day meeting. Sessions also will cover research findings in turf and ornamentals, horticultural crops, and industrial weed and brush control problems.

Copies of the complete program and hotel reservation cards are available from R.R. Hahn, secretary-treasurer of the Society. His address is: Agronomy Department, 147 Emerson Hall, Cornell University, Ithaca, NY 14853.

## Farmers are economy's backbone

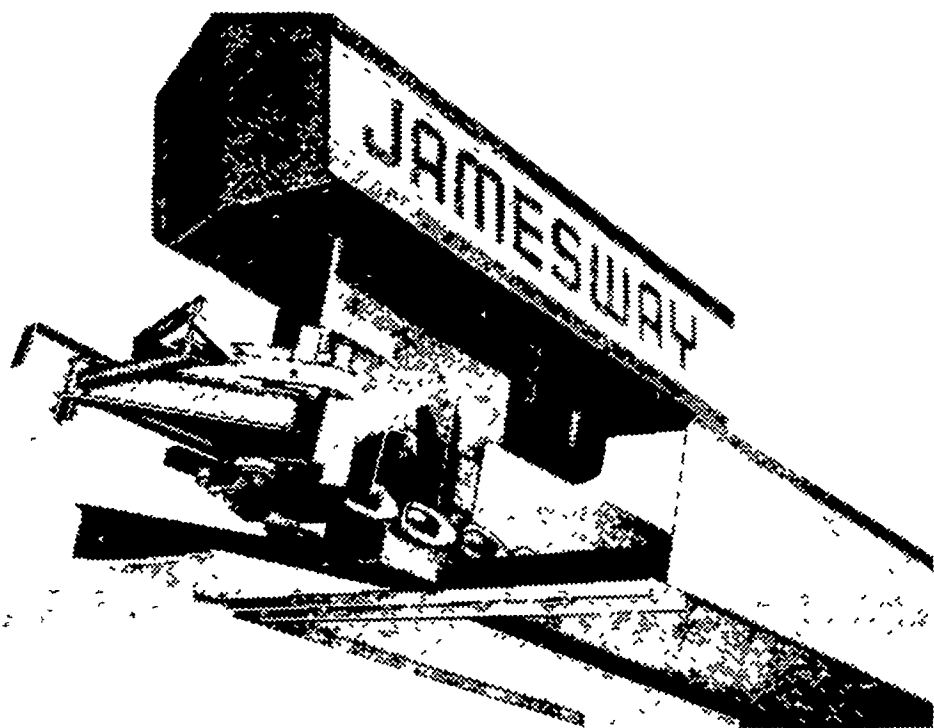
LANCASTER — The world's growing appetite and its increasing dependence on American farmers will probably match any expansion in United States agricultural output during the next two decades.

From 1970 to 1980, United States agricultural exports rose from 62 million metric tons or 164 million tons. By the end of the 1960s,

foreign demand required the production of about 1 acre out of every 5 planted, or 14 percent of total marketings.

By the end of the 1970's exports accounted for 1 out of every 3.5 acres planted, or 30 percent of the total marketings. As a result, between the markets at home and abroad, there was a buyer for nearly every kernel of grain produced.

# HOOK-LINK™ barn cleaner by JAMESWAY



## FAST • STRONG • POWERFUL •

The new Jamesway Hook-Link barn cleaner gets manure on the move at up to 28' per minute. Extra steel and strength is forged into every easy-tightening link at the contact point. And you get power to spare, in the massive Super 500 drive unit which features a 55-lb. main gear and massive drive shaft. Pulls up to 450' of hook-link chain.

It's worth more than you realize . . . costs less than you think.

**AGRI EQUIPMENT INC.**  
2754 Creek Hill Rd  
Leola, PA 17540  
717-656-4151

**DEPENDABLE MOTORS**  
Honey Brook, PA  
215-273-3131  
215-273-3737

**ROVENDALE SUPPLY**  
RD 2, Watsonstown, PA 17777  
717-538-5521

**I. G. SALES**  
Rt. 113, Box 200  
Silverdale, PA  
215-257-5135

**HENRY S. LAPP**  
RD1, Cains, Gap, PA 17527  
717-442-8134

**SOLLENBERGER SILOS**  
RFD2, Chambersburg, PA  
717-264-9588

**HARRY L. TROOP**  
Rt 1 Cochranville, PA 19330  
215-593-6731

**J. A. SWOPE**  
Box 121, RD1  
Myerstown, PA  
717-933-4758

**G. HIRAM BUCHMAN, INC.**  
Rte 519 - N. off Rte 46  
P O Box 185  
Belvidere, NJ 07823  
201-475-2185

**ERB & HENRY EQUIP., INC.**  
22-26 Henry Avenue  
New Berlinville, PA  
215-367-2169

**DETWILER SILO REPAIR**  
Rt 2, Newville, PA  
717-776-7533

**GEORGE A. COLEMAN**  
Rt #2, Box 216  
Elmer, NJ  
609-358-8528

**BENNETT MACHINE CO.**  
1601 S. Dupont Blvd  
Milford, DE  
302-422-4837



## GUESS WHO BEATS DEUTZ, DEERE, IH, FIAT, MF, WHITE, CASE & FORD FOR BEST TORQUE & FUEL ECONOMY?

The Allis Chalmers 6080 with 83 66 PTO HP\* has the best fuel economy and best torque rise at 27%.

When the test results were in the fuel economy rating of the 6080 left Deutz Deere Fiat MF White and Case behind. While other makers of tractors are talking fuel economy the 6080 is delivering results. The best in its class with reserve power rating of 27% torque rise.

	6080	6060
PTO HP*	83 66	63 80
Gal/HPHr	0599	0633
HPHr/Gal	16 68	15 82
Torque Rise	27%	35%

The Allis Chalmers 6060 with 63 80 PTO HP\* has the best torque rise at 35%.

With a rating of 35% torque rise the 6060 outperforms the Deutz Deere IH MF Fiat and Case tractors. The 6060 has the best torque rise in its class. And very good fuel economy too.

Best balance of torque and fuel economy. The 6080 and 6060 tractors deliver the best of both worlds. High torque rise and low fuel usage.

It's the kind of balance that comes from an Allis Chalmers four cylinder direct injection diesel engine. Turbocharged in the 6060's turbocharged and intercooled in the 6080's. Transfer this high performance power into pull with a 12 speed transmission in the 6080's and an 8 speed in the 6060's. Each is synchronized for easy shifting with the right speed to take on any job. For dependability there are large planetary final drives wet disc brakes mechanical differential lock and a big capacity open center hydraulic system.

See your Allis Chalmers dealer for the complete facts and figures on how the two wheel drive or four-wheel drive 6080 and 6060 tractors can outperform the competition.

Allis Chalmers Agricultural Equipment Milwaukee WI 53201

\*Manufacturer's maximum observed PTO horsepower at rated engine speed.



**ROY H. BUCH, INC.**  
Ephrata, RD 2, PA  
717-859-2441

**C.J. WONSIDLER BROS.**  
RD1, Quakertown, PA  
215-536-1935  
215-536-7523

**B. EQUIP., INC.**  
8422 Wayne Hwy  
Waynesboro, PA  
717-762-3193

**WERTZ GARAGE**  
Lineboro, MD  
301-374-2672

**AG. IND. EQUIPMENT CO., INC.**  
1207 Telegraph Rd  
Rising Sun, MD  
301-658-5568  
301-398-6132  
215-869-3542

**GRUMELLI FARM SERVICE**  
Quarryville, PA  
717-786-7318

**AGRONOMICS INC.**  
Box 64, R D 2  
Factoryville, PA  
717-945-3933

**PETERMAN FARM EQUIPMENT, INC.**  
225 York Road  
Carlisle, PA  
717-249-5338

**BHM FARM EQUIPMENT, INC.**  
Annville, RD1, PA  
717-867-2211

**PAUL DOTTERER FARM EQUIPMENT**  
R D 2, Mill Hall, PA  
717-726-3471

**NICHOLS FARM EQUIPMENT**  
R D 1 Bloomsburg, PA  
717-784-7731

**SHARTLESVILLE FARM SERVICE**  
Shartlesville, PA  
215-488-1025  
H Daniel Wenger, Prop

**C.J. WONSIDLER BROS.**  
RD 2, Oley, PA  
215-987-6257

**MARSHALL MACHINERY**  
R D 4, Honesdale, PA  
717-729-7117

**MECKLEY'S LIMESTONE PRODUCTS INC.**  
R D 1 Herndon, PA  
717-758-3915

**AIRVILLE EQUIPMENT, INC.**  
P O Box 37,  
Airville, PA  
717-862-3358

**L. H. BRUBAKER, INC.**  
Lancaster, PA  
717-397-5179

**C. J. WONSIDLER BROS.**  
Rt 309 & 100  
R2 New Tripoli, PA  
215-767-7611