

Raspberry selection depends on location

UNIVERSITY PARK — Selection of raspberry varieties to grow in Pennsylvania, like most fruit depends on where you live, says Roland Daniels, associate professor of horticulture at Penn State.

He described the variety selection process during the annual meeting of the Pennsylvania Vegetable Growers Association recently in Hershey.

Raspberries require tolerance to hot summers as well as cold winters, he pointed out. The southeastern part of the state, for example, is a problem area for red raspberries due to high temperatures. Black raspberries are best suited to southeastern counties, he claimed.

"Research has shown that red raspberry plants lose water faster than any other small fruit. Thus, it's understandable that red

raspberries may be harder to get through hot summers than through cold winters," he stated.

And he said the ridge and valley region which sweeps from the southcentral counties into the northeast is suited to all three kinds — red, purple, and black raspberries.

The Allegheny plateau, further west, is best suited for all three types. Finally, the Erie County area, especially along Lake Erie, is equally suited to all three.

Daniels called attention to varieties considered standards by commercial growers in Pennsylvania. Among red raspberries he listed Heritage Hilton, Latham, Newburgh, Reveille, Sentinel, and Taylor.

The standard commercial varieties among black raspberries, he said, are Allen, Black Hawk, Bristol, Cumberland, and

Logan Purple 'standards are Brandywine, Clyde, and Sodus.

Unusual winter conditions, of course, can cause crop failure. An example was a planting of Heritage raspberries that suffered severe winter injury at Penn State's Horticultural Research Farm in central Pennsylvania in 1977. During the same winter, the variety Reveille was undamaged.

And he suggested that the variety Heritage, although an everbearer, would be best used as a fall-bearing raspberry. As recommended, Heritage should be cut off or mowed at the ground after harvest.

Knowing the general vigor of a variety if equally important in selecting those to plant, he said. The more vigorous the variety, the easier it is to establish.

"Hardy plants are capable of supporting the largest crops

Sturdy plants compete best with weeds and are best able to resist diseases and infection," Dr. Daniels affirmed.

The variety Reveille, it was noted grows to nearly six feet at Penn State's Horticultural Research Farm. Another vigorous cultivar in Fallgold, which develops an excellent bed of tall, stiff canes.

"The cheapest way to resist diseases and insects," he stated, "is to choose cultivars with disease and insect resistance — and to purchase disease-free stock."

In selling fresh raspberries, varieties that do best are bright colored rather than 'dusty' looking, he observed. Amethyst, a new purple variety, has a more shiny appearance than other purple raspberries. The "dusty" look of Reveille, an otherwise excellent red variety, detracts

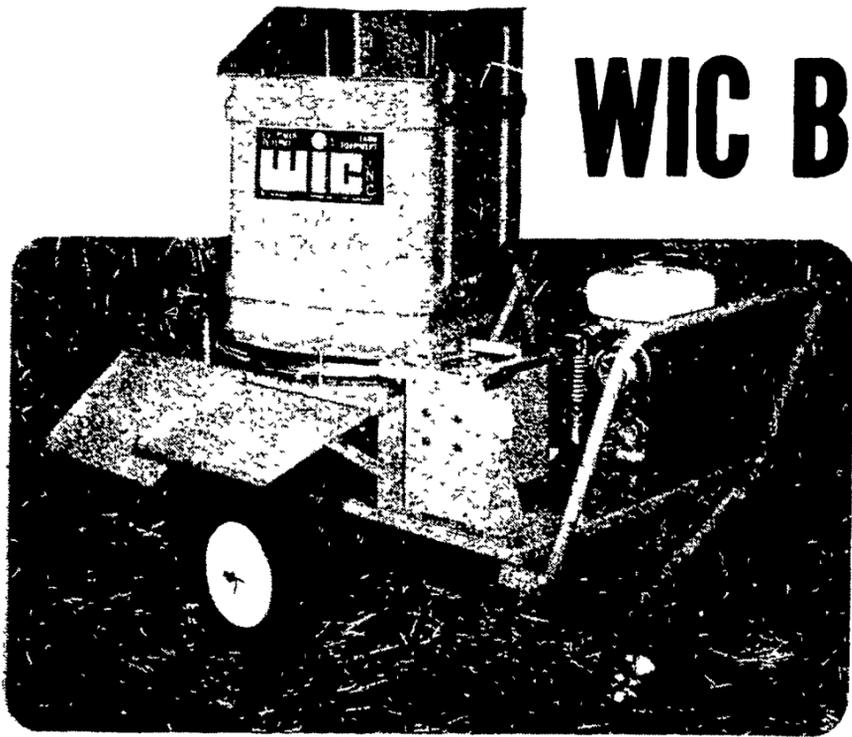
from its appearance.

The Penn State horticulturist described Fallgold, as, the sweetest fruit I've ever tasted." But he wonders whether fruit lovers are ready to buy yellow raspberries since "they're not accustomed to yellow berries."

Names sales rep

LANDISVILLE — J.C. Snavely & Sons, Inc. wishes to announce the appointment of John D. Leaman to sales representative for its complete line of building materials, pre-engineered building components, and associated products.

Leaman brings over five years of experience in dealing with contractors on all levels of his new position.



WIC BEDDING CHOPPER

No Competitor Can Beat The WIC CHOPPER For Performance And Cost

The Wic bedding chopper chops straw, hay or corn fodder and spreads it uniformly under your cows, all in a single operation. When you use chopped bedding, you save on straw and your cows stay much cleaner. On top of that, cleaning up is a breeze...

All models of Wic's bedding chopper have four rows of knives, insuring a better spreading action.

Wic has also forseen an adjustable grill in 5 positions to avoid overloading the motor while using different bedding such as damp straw, old hay, etc.

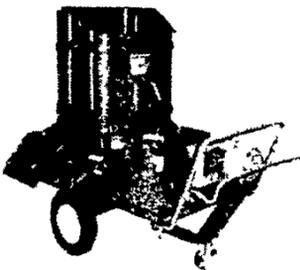
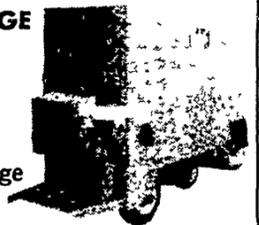
With a simple adjustment that either speeds up or reduces the rotation of the tub, you can cut the bedding to the desired length. Wic the futuristic chopper now!



FRAME steel monocoque paint
BARREL plastic 3/16" thick
WHEELS 2 pneumatic of 16"
WHEELS 1 swiveling
BRAKE on wheel swiveling
CAPACITY 1 bale/50 seconds approx
DIMENSIONS width 31" (80 cm) (with out handle) length 45" (115 cm)
DIMENSIONS height 55" (140 cm)
WEIGHT 440 lb (200 kg)

WIC MOTORIZED SILAGE WAGON WITH HYDROSTATIC SPEED CONTROL

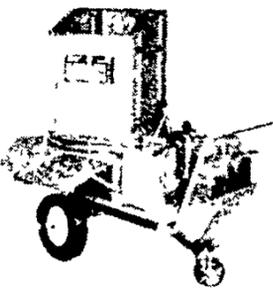
★ Regular Feed Discharge or 40" High Feed Discharge
★ Electric or Gas Operated



ELECTRIC BEDDING CHOPPER

Wic also makes an electric 200 volt a.c. chopper or a 24 volt d.c. battery operated chopper including an automatic charger. These two models are equipped in the factory with a manual starter panel and are protected by fuses to diminish risk of accidents.

Very quiet, these bedding choppers are mostly used on small or medium sized farm. As well as being mobile the 220 volt a.c. model can be installed stationary. Motor 220 volt a.c. 3 h.p. 24 volt d.c. 2 1/2 h.p.



GAS BEDDING CHOPPER

The gas powered bedding chopper is the most popular on the market. Its operation is simple and it handles easily. Equipped with a Honda 4 stroke gas engine the Wic bedding chopper insures maximum output while in use.

Motor 5 7 or 10 h.p. 4 stroke Honda
Starter 5 h.p. manual and 7 and 10 h.p. manual or electric start



POWER TAKE OFF BEDDING CHOPPER

Wic has perfected a three point hitch PTO chopper activated by the power of your tractor. Easy to install it is ideal for free stalls or in strawberry fields for mulching purposes.

PAUL HORNING

R.D. 1, Stevens, PA 17578

215-267-7208

— DISTRIBUTORS —

JOHN R. NYSTRAND, JR.

R.D. 2, Sugar Run, PA

717-746-1951

— AUTHORIZED DEALERS —

PENNSYLVANIA

RON ACKENBAUCK
Penn Argyl, Pa
215-863-5524

DICK ATTKINSON
Montrose, Pa
717-663-2574

CARL R. BAER
Elliottsburg, Pa
717-582-2648

CREUTZBURG, INC.
Livestock & Farm Supplies
Paradise, Pa
717-768-7181

FRED CRIVELLARO
Easton, Pa
215-258-7584

CUMBERLAND FARM AND DAIRY SUPPLY, INC.

Chambersburg, Pa
717-263-0826

DeVRIEZE FARM EQUIP.
Milanville, Pa 18443
717-729 7988

THOMAS DUNLOP
Jersey Shore, Pa
717-753-3196

AARON S. GROFF & SON
Ephrata, Pa
717-354-4631

HISTANDS FARM & HOME
Rome, Pa
717-744 2371

HOLOBUS SALES & SERV.
Meadville, Pa

MARVIN J. HORST

Dairy Equipment
Lebanon, Pa
717-272 0871

JIM'S EQUIPMENT
Springville, Pa.
717-942-6928

STANLEY A. KLOPP
Bernville, Pa
215-488-1500

LANDIS AUTOMATION

Milton, Pa
717-437-2375

LEO LANDIS
Millersburg, Pa
717-692 4647

LUCAS BARN EQUIP.

Bellefonte, Pa
814 383 2806

M & M BARN EQUIP.
Westfield, Pa.

HARLEM MARTIN
Troy, Pa
717-297-3972

DICK McCARTY
Forksville, Pa
717-924-3374

MORRIS FARM EQUIP.

Ogdensburg N J
201-827-6432

OSWALD EQUIPMENT CO.

Hartstown, Pa
814 382 4445

OTT BROS.

McConnellsburg, Pa
717-485-4114
717-485-4662

JOHN PARYS
Laceyville, Pa
717-869-1464

RUMMEL DISTRIBUTING
Cabot, Pa
412-352 9219

PAUL SHOWER, INC.
Carlisle, Pa
717 243-2686

SHOW EASE STALL CO.
Lancaster, Pa
717 299 2536

SOMERSET FARM SUPPLY
Somerset, Pa
814-443-2841

ATLEE F. REBERT

Littlestown, Pa
717-359-5863

HARRY L. TROOP
Cochranville, Pa
215 593 6731

UMBERGER'S MILL
Lebanon, Pa
717-867-5161

W & J DAIRY SALES
Oxford, Pa
717 529 2569

ZIMMERMAN'S ANIMAL HEALTH SUPPLY
Lititz, Pa
717 738 4241

DELAWARE

SAMUEL DIXON, JR.
Clayton, Del
302 653 7232

MARYLAND

TRI-STATE FARM AUTOMATION
Hagerstown, Md
301-790-3698

P & S EQUIPMENT
Street, Md
301-452-8521

NEW JERSEY

TOM MULVANEY
Flemington, N J
201-782-1679

RUSS SMITH

Warren Glen, N J

NEW YORK

JAKE MERRITT
Owego, N Y
607-687-4672