

PENNSYLVANIA  
VEGETABLE GROWERS

# NEWS

PVGA

January 2014 / Volume 37 Number 1

for the commercial vegetable, potato and berry grower

# 2014 Buyers' Guide



Photo courtesy of Shady Brook Farm, Yardley, PA

## GENERAL



**Pennsylvania  
Vegetable Growers  
Association**

*An association of  
commercial vegetable,  
potato and berry growers.*

*President*

**Brian Campbell '15**  
Berwick

*First Vice President*

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*Second Vice President*

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*Secretary-Treasurer*

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**David King '16**  
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**Lois Klinger '16**  
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**Kenneth Martin '14**  
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**John Shenk '14**  
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**Thomas Strzelecki '15**  
Wapwalopen

**Thomas Styer '15**  
Muncy

**Timothy Weiser '16**  
York Springs

*Executive Secretary*  
**William Troxell**  
Richfield

## Dear Pennsylvania Grower

This special edition of the Pennsylvania Vegetable Growers News, the monthly newsletter of the Pennsylvania Vegetable Growers Association, has been prepared as a source book of information for the Pennsylvania grower. We have listed various vendors of equipment, supplies and services who deal with Pennsylvania growers. Keep this booklet handy to refer to throughout the year.

We also ask you to consider joining the Pennsylvania Vegetable Growers Association. If you are a vegetable, potato or berry grower, you should belong to the organization that represents your industry. Your membership will strengthen the Association's position as the official voice of the vegetable, potato and berry industries and will also provide numerous benefits to you.

For example, each year the Association co-sponsors the Mid-Atlantic Fruit and Vegetable Convention in Hershey. This meeting is one of the most respected vegetable meetings on the East Coast and offers three days of concurrent sessions on processing vegetables, fresh market vegetables, potatoes, small fruits, bedding plants, direct marketing, organic vegetables, cut flowers and other specialty crops. As a member of the Association, you help make this convention possible and you receive reduced registration fees. PVGA also sponsors field days at Penn State's research plots, and

As a member, you will receive monthly subscriptions to this newsletter, the **Pennsylvania Vegetable Grower News**, to keep you informed on what is happening in the vegetable, potato and berry industries. PVGA members also receive free subscriptions to the **American Vegetable Grower** and the **Vegetable Growers News**.

Last year, the Association gave nearly \$61 per member of the Association or a total of \$58,800 Penn State University researchers to sponsor practical vegetable and berry research. This was made possible through the Association's food booths at the Pennsylvania Farm Show and Ag Progress Days. These food booths also help to promote the vegetable and berry products you produce.

PVGA represents the interests of the vegetable, potato and berry industries on both state and federal issues. The Association contacts legislators regularly on issues that affect our growers. Special attention is given to food safety, state budget appropriations, labor, deer crop damage, irrigation (water use), and pesticides as they relate to horticultural growers.

The Association is also a member of the State Council of Farm Organizations, the United Fresh Produce Association and the Penn State Agricultural Council, again with the purpose of representing the vegetable, potato and berry industries in the public arena and to Penn State University researchers and administrators.

Fewer and fewer pesticides are being labeled for minor crops like vegetables and berries due to various regulatory concerns. PVGA has been instrumental in obtaining several local use pesticide labels for Pennsylvania growers.

The bottom line is this. A \$50 membership in the Pennsylvania Vegetable Growers Association is worth every penny. For each member, about \$61 is given to research, about \$19 is spent to publish the **Pennsylvania Vegetable Growers News**, and up to \$85 per person can be saved on three-day registration fees for the Mid-Atlantic Fruit and Vegetable. That adds up to \$165 or triple the return on your dues investment.

Members can also purchase Workers' Compensation and Health Insurance through Agri-Services Agency.

Use the form on page 30 of this newsletter to join today!

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*The Pennsylvania Vegetable Growers News is the official monthly publication of the Pennsylvania Vegetable Growers Association, Inc., 815 Middle Road, Richfield, PA 17086-9205 phone and fax - 717-694-3596, email - [pvga@pvga.org](mailto:pvga@pvga.org) website - [www.pvga.org](http://www.pvga.org)*

*Our Mission:*

*The Pennsylvania Vegetable Growers Association serves Pennsylvania's commercial vegetable, potato and berry growers through education, research, advocacy and promotion.*

*Our Vision:*

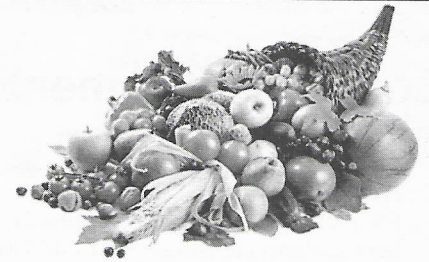
*The Pennsylvania Vegetable Growers Association will be the driving force in ensuring the future viability of the commercial vegetable, potato and berry industries in Pennsylvania.*

*Inquiries about membership, this publication or advertising rates should be directed to William Troxell, Executive Secretary, at the above addresses.*

## GENERAL

# MID-ATLANTIC

## fruit & vegetable convention



**January 28 to 30, 2014**

**Hershey Lodge and Convention Center – Hershey, Pennsylvania**

### ***The Premier Grower Meeting in the Northeast***

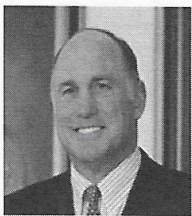
***Trade Show with over 160 exhibitors  
featuring the latest in grower and direct marketing supplies.***

#### ***Pre-Convention Workshops***

***January 27 – Entrepreneurship/Team Building, Raspberries/Blackberries,  
Gift Baskets, Good Ag Practices, Greenhouse Short Course  
Vegetable Production Basics, Employee Etiquette***

**2014  
Keynote  
Speaker**

**January 28**



**Steve  
Wiley**

***Performance in  
a Rapidly  
Changing  
Environment***

***Educational Sessions all three days– over 40 sessions  
featuring expert speakers from across the nation!!!***

***January 28 – Tree Fruit, Vine Crops, Pumpkins, Greenhouse  
Ornamentals & Vegetables, Organic Vegetables, Asparagus,  
Herbs, Farm Succession, New Equipment,  
CSAs, Wholesale Marketing, Bramble Tour***

***January 29 – Direct Marketing, Tree Fruit, Peaches,  
Raspberries/Blackberries, Tomatoes, Potatoes,  
General Vegetables, GMOs, Selected Sessions in Spanish***

***January 30 – Peaches, Tree Fruit, Strawberries, Blueberries, Sweet  
Corn, High Tunnels, Season Extension, Cut Flowers, Cole Crops,  
Soil Health, Peppers/Eggplant, Value-Added, Food Trends,  
Digital Marketing, Labor/Farm Management***

For information visit [www.mafvc.org](http://www.mafvc.org) or call 717-694-3596

Registration fees range from \$65 to \$150.

PVGA members receive substantial discounts. Save more by pre-registering.

Walk-in registration is available – payment by cash or check only.

## VENDORS BY CATEGORY

Vendors are listed below by category of the equipment, supplies or services they offer. An alphabetical listing of vendors and their addresses begins on page 25.

### General Equipment

#### Tillage and Cultivating Equipment

Binkley & Hurst Bros. Inc. – 717-626-4705  
 Hillside Cultivator – 717-626-6194  
 I & J Manufacturing – 717-442-9451  
 Market Farm Implement – 814-443-1931  
 Stauffer Engine and Equipment,  
 Wes – 717-738-4215  
 Woodhouse, J. S. – 413-736-5462

#### Planting Equipment

Binkley & Hurst Bros. Inc. – 717-626-4705  
 Black Rock Repair 717-529-6553  
 Hoover Tractor – 570-966-3821  
 I & J Manufacturing – 717-442-9451  
 Market Farm Implement – 814-443-1931  
 Martin's Produce Supplies – 888-381-8641  
 Marvel, Robert, Plastic Mulch  
 800-478-2214  
 Mechanical Transplanter Co.  
 800-757-5268  
 Nolt's Produce Supplies  
 717-656-9764, 661-7069  
 Pequea Planter – 717-442-4406  
 Rain-Flo Irrigation – 717-445-3000  
 Stand'N Plant – 724-639-3965  
 Woodhouse, J. S. – 413-736-5462

## ***MaterMacc Precision Vacuum Planters*** ***Finally, One Planter For All Seed!***



***Plants All Size Seed from  
 Raw Lettuce to Lima Beans!  
 Quick Change Row Spacings!  
 Quick Change Seed Variety!  
 Quick Fertilizer Clean Outs!  
 1.5 Thimble Seed Charging!***

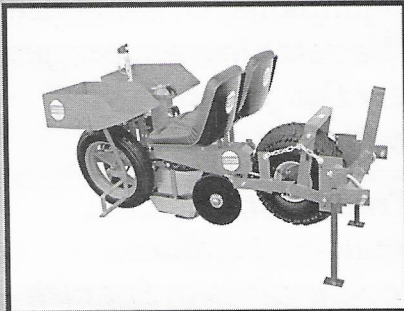
**Market Farm  
 Implement, Inc.  
 814-443-1931  
[www.MarketFarm.com](http://www.MarketFarm.com)**

### ***MaterMacc***

**Shown with *easy set* toolbar,  
*stainless steel* fertilizer  
 and insecticide hoppers, and  
 double disc fertilizer opener.**

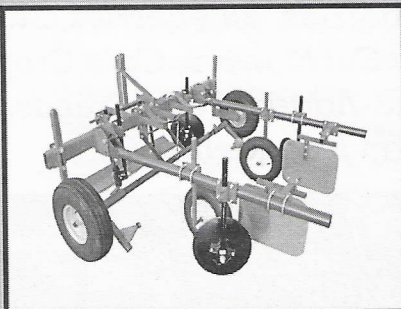
***Unmatched Singulation!***

## MECHANICAL TRANSPLANTER COMPANY



### Model 1000

\* Excellent for bare root and small cells. Our most popular transplanter.



### Model 90

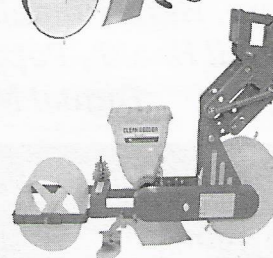
\* Lays any size mulch from 3-6 feet wide.

### NEW CLEAN SEEDER



#### MODEL JP-1

\* Excellent for small seed  
 \* Lightweight & easy to handle  
 \* Accurate spacing



#### MODEL JPH

\* Row spacing as close as 7"  
 \* Mounts on 2" square toolbar

**Mechanical Transplanter Company, LLC** \* 1150 Central Avenue \* Holland, MI 49423

Phone: 616-396-8738 or 800-757-5268 \* Fax: 616-396-3619


website: [www.mechanicaltransplanter.com](http://www.mechanicaltransplanter.com) \* e-mail: [mto@mechanicaltransplanter.com](mailto:mto@mechanicaltransplanter.com)



**FM750**  
\$2,995.00  
Part #: ZTN94000-20




**EZ250**  
\$1,195.00  
Part #: ZTN92000-20



**PRO 700**  
\$4,758.82  
Part #: 84546676

**AutoPilot**  
\$4,995.00  
Additional Components Required  
Part #: ZTN54425-07


**Field IQ**  
Call Guidance Specialist  
for details  


**Master Switch Box**  
Call Guidance Specialist  
for details  


**AFS 372**  
\$3,145.00  
Part #: 84588266



**FM1000**  
\$5,995.00  
Part #: ZTN933002000



**EZ-Steer 250/500**  
\$3,495.00  
Part #: ZTN62000-50



**EZ-Steer 750/1000**  
\$3,695.00  
Part #: ZTN62000-52

**AccuControl**  
Call Guidance Specialist  
for details  




**EZ-Pilot**  
\$3,995.00  
Part #: ZTN82000-80

**MONOSEM VACUUM PLANTER**  
Meters to Perfection - Plants with Precision

- Low maintenance
- Durable
- Cast aluminum metering box
- Easy access to seed disc and quickly changed - plants most row crops
- 2-12 row mounted and pull type

**SEED DISCS**

- Corn
- Beets/Pickles
- Cole Crops
- Sweet Corn (Super)
- Edible Beans
- Sorghum
- Sunflower
- Soybeans
- Peanuts
- Melons/Cucumbers
- Peas
- Squash
- Onions/Tomatoes
- Pumpkins

**The New Generation of Planters**  
DOUBLE DISC OPENERS • QUICK ADJUST  
Depth Gauge Wheels • V-Closing Wheels

**NOW is the time to order your 2014 Planter!**  
\$ ORDER NOW AND SAVE \$  
WITH PRESEASON DISCOUNTS.

**Check Out Our Selection of Used Units!**



**BNL 3-pt Mounted Sprayers**  
An excellent choice for use with compact tractors that will enable municipal and industrial turf care professionals easy maneuverability. Simple to mount and operate.

BNL 50 standard equipment includes HARDI 500 diaphragm pump with PTO drive, M70 spray controls and spray gun with 25' of 1/2" hose and hose wrap. An optional 14' horizontal fold boom, HARDI 110° ISO Snap Fit nozzles is available.

**Call Us or Visit Today and Let Us Help You Find the Right Hardi Sprayer for Your Operation!**

**Binkley & Hurst LP**  
Equipping for Growth ...

**800-414-4705**  
133 Rothsville Station Road  
Lititz, PA 17543

For more information or to explore our full offering of quality new and used agricultural equipment, visit us online at **binkleyhurst.com**

## VENDORS BY CATEGORY

**General Equipment****Bedders, Bed Shapers, Drain Ditchers, Tool Bars and Accessories**

Market Farm Implement – 814-443-1931  
 Nolt's Produce Supplies – 717-656-9764, 661-7069  
 Rain-Flo Irrigation – 717-445-3000

**Fertilizer Application Equipment**

Market Farm Implement – 814-443-1931  
 Mechanical Transplanter – 800-757-5268

**Plasticulture Equipment**

Crop Care/PaulB LLC – 717-738-7350  
 DuBois Agrinovation – 450-454-3861  
 Hoover Tractor – 570-966-3821  
 Martin's Produce Supplies – 888-381-8641  
 Market Farm Implement – 814-443-1931  
 Mechanical Transplanter Co.  
 800-757-5268  
 Nolt's Produce Supplies  
 717-656-9764, 661-7069  
 Rain-Flo Irrigation – 717-445-3000  
 Saylor's Farm Products – 814-745-2306  
 Trickle-Eez Co. – 800-672-4700

**Harvesting Equipment**

Black Rock Repair – 717-529-6553  
 Crop Care/PaulB LLC – 717-738-7350  
 Haines Equipment – 607-560-2234  
 I & J Manufacturing – 717-442-9451  
 Market Farm Implement – 814-443-1931  
 Martin's Produce Supplies – 888-381-8641  
 Nolt's Produce Supplies  
 717-656-9764, 661-7069  
 Rain-Flo Irrigation – 717-445-3000



*Grown in PA. It makes a difference.*

**Black Rock Repair LLC**

*Manufacturer of farm and home sprayer*

sprayer pumps parts & service | pressure washer sales & service

**LEROY or LEVI • 717.529.6553**

hydraulic hoses | general welding & repair  
 produce equip | UPS service | sprayer manufacturing

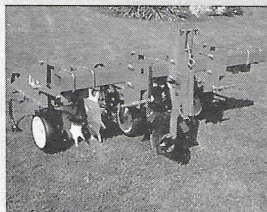
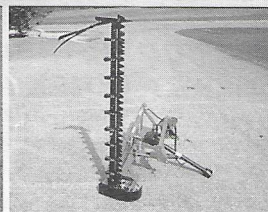


Call for prices

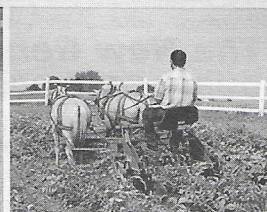
858 Pumping Station Rd | Kirkwood, PA 17536

**TOOLS FOR YOUR PLOWING NEEDS!****Cover Crop Rollers**

Roll down corn stalks.  
 No till organically. Roll down  
 pastures after grazing.

**3 PT Cultivators****Sickle Bar Mowers**

Low torque. Non-plugging.

**Cultivators**

Horse drawn and 3 PT

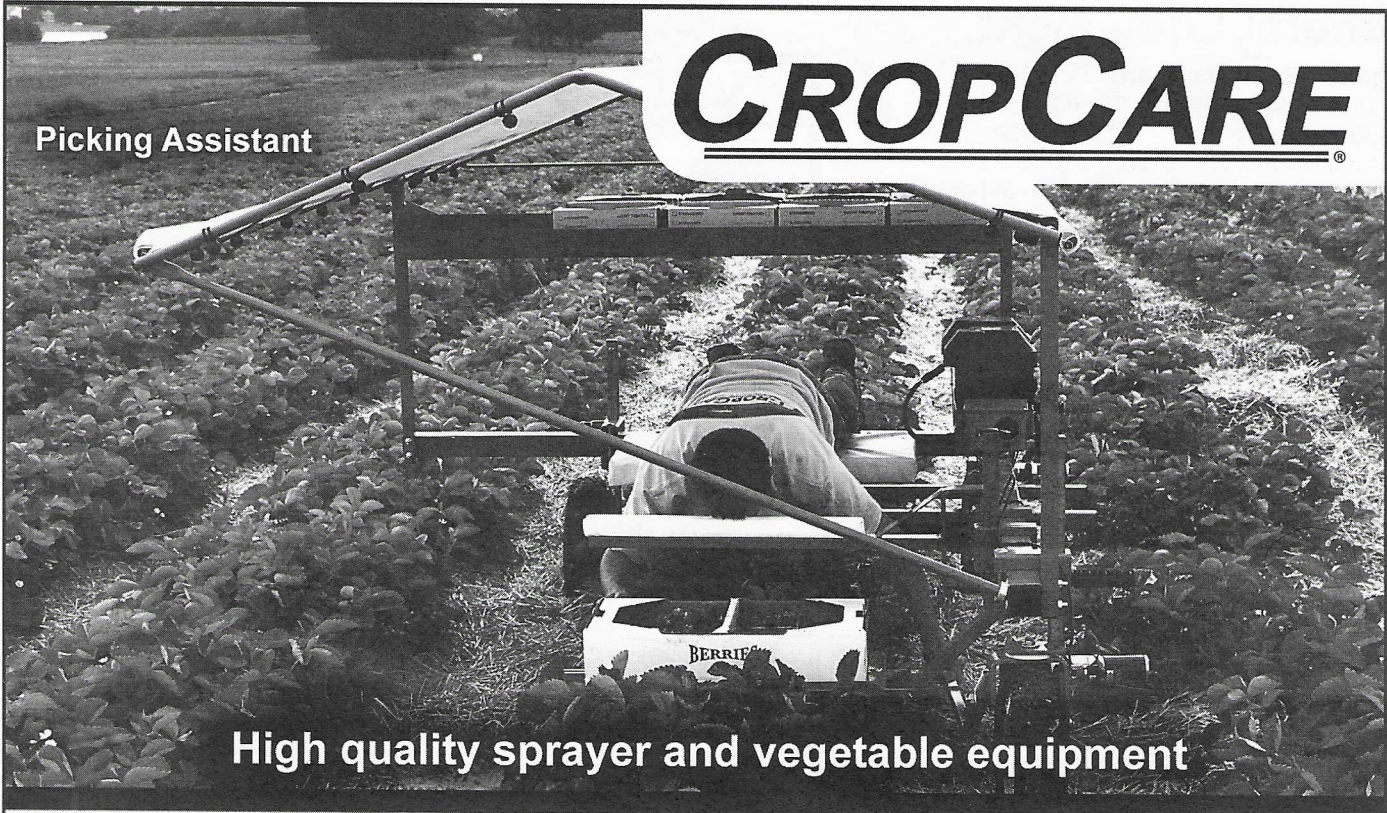
**I & J LLC**

5302 Amish Road  
 Gap, PA 17527

**(717) 442-9451**

**We also carry:**

- Plows
- Hay Rakes
- Tedders
- Ground Drive Forecarts
- Market Garden Tools
- 3 PT Equipment
- Forecarts
- Mowers Can Be Ground Driven



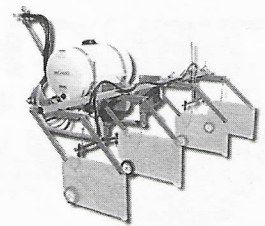
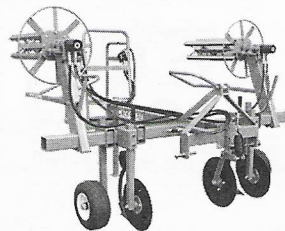
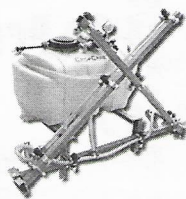
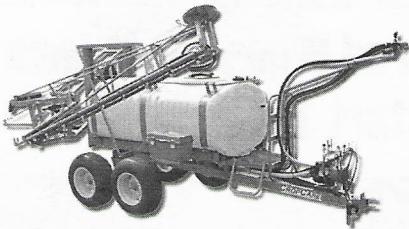
Picking Assistant

# CROPCARE®

High quality sprayer and vegetable equipment

**Produce Sprayers - 25-60 Gallon Sprayers**

**Plastic Mulch Lifter/Wrapper - Shielded Sprayers**



### Pennsylvania Dealers:

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Milroy

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**Cedar Grove**

Beavertown

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**Sandy Lake Imp.**

Shippensburg

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**Hetrick**

Sandy Lake

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**Rovendale**

New Bethlehem

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**Somerset Eq.**

Watsonstown

570-538-9564

**Zimmerman**

Somerset

570-658-8175

**Longeneckers**

Bethel

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Williamsburg

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### Trailer Sprayers

300-1000 gallons

20-60 ft booms

### 3pt Sprayers

55-300 gallons

12-60 ft booms

# CROPCARE®

Lititz, PA | 717-738-7365

[CropCareEquipment.com](http://CropCareEquipment.com)

Manufactured by PBZ, a Paul B. Zimmerman, Inc. Co.

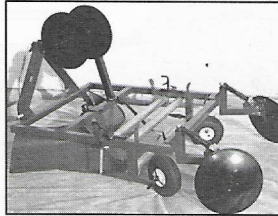
## VENDORS BY CATEGORY

## General Equipment

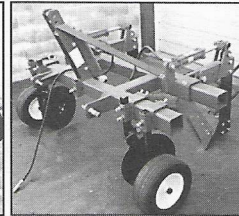
## Irrigation Equipment and Supplies

DuBois Agrinovation – 800-667-6279  
 Jordan Seeds, Inc. – 651-738-3422  
 Market Farm Implement – 814-443-1931  
 Martin's Produce Supplies – 888-381-8641  
 Marvel, Robert, Plastic Mulch. – 800-478-2214  
 Nolt's Produce Supplies  
 717-656-9764, 661-7069  
 Rain-Flo Irrigation – 717-445-3000  
 Toro-Microirrigation – 800-333-8125 3-8125  
 Trickl-Eez Co. – 800-672-4700  
 Triple K Irrigation – 517-458-9741

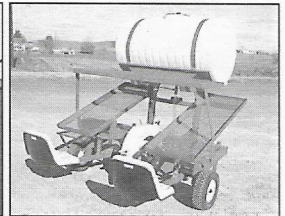
## VEGETABLE GROWERS



**COMPACT RAISED  
 BED MULCH LAYER**  
 • Designed for use in High  
 Tunnels or small fields.  
 • 3ft. and 4 ft. models. Forms 4"  
 high bed. 25-30 HP required.



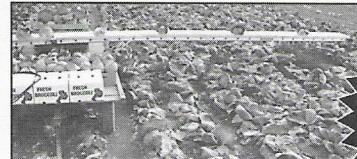
**MODEL 550  
 HYDRAULIC RESET  
 MULCH LIFTER**



**MODEL P150 WATER  
 WHEEL PLANTER**  
 • Total Open Frame  
 • Easier to change planting  
 wheel  
 • 3 pt. or pull type

*Also Available*

- Model 500 Mulch Lifters
- Super Deluxe Flatbed  
 Mulch Layers
- HYD Drive  
 Mulch Wrappers



ALUMINUM HARVESTING  
 CONVEYORS

Specializing in  
 VEGETABLE GROWING  
 EQUIPMENT &  
 SUPPLIES

Call for our  
 commercial growers catalog

**NOLT'S PRODUCE SUPPLIES**

152 N. Hershey Ave., Leola PA 17540

(717) 656-9764



**1-800-TRICKLE**

*Specializing In All Types Of  
 Irrigation and Vegetable  
 Growing Supplies*

Drip Tape • Irrigation Reels • Floating Row Cover •  
 All Types of Plastic Mulch • Filtration Stations • Etc.

**TRICKL-EEZ  
 Company**

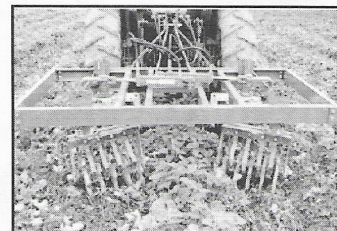
3550 Chambersburg Road  
 Biglerville, PA 17307  
 717-337-3030  
**800-672-4700**  
 Fax 717-337-1785  
 ron@trickl-eez.com

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 Fax 269-429-6669  
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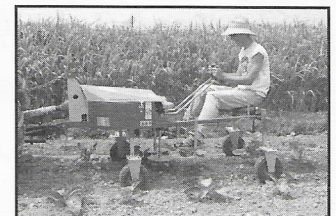
## Be Prepared When The Weeds Start To Grow



**Hillside  
 Cultivator  
 Model CS**  
 The best cultivator  
 for strawberries and  
 between  
 plastic mulch.

The best cultivator  
 for in row weed  
 removal. →

**Eco Weeder**



**Hillside Cultivator Co. LLC**

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*New from Rain-Flo Irrigation!! Call today for our free catalog*

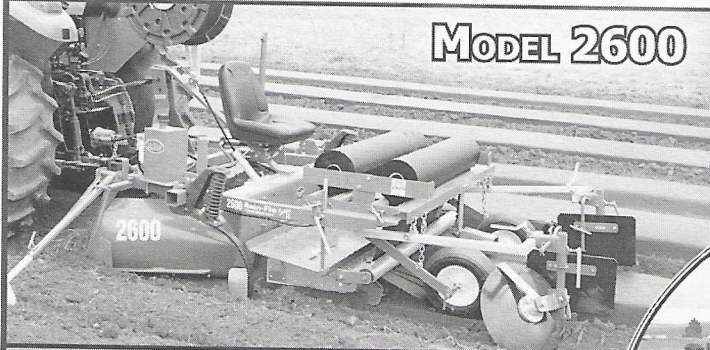
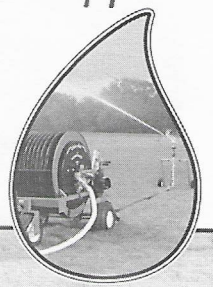


**ALL NEW RAIN-FLO 3-ROW SUBSURFACE DRIPTAPE APPLICATOR**

*Specializing in vegetable growing machinery and irrigation supplies*



**Rain-Flo Irrigation**  
929 Reading Rd  
East Earl, PA 17519  
(717)445-3000



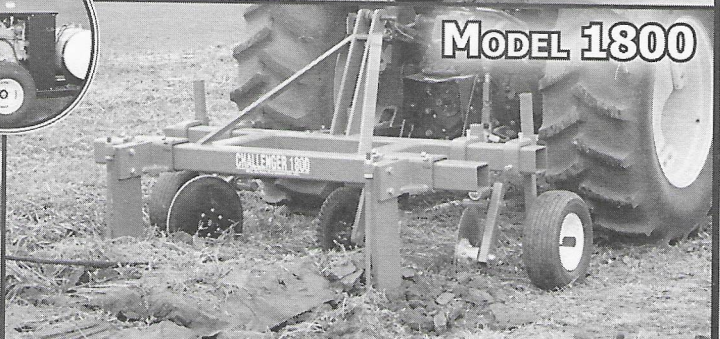
**MODEL 2600**



**MODEL 2400**



**MODEL 1200**



**MODEL 1800**



## VENDORS BY CATEGORY

## General Equipment

## Pesticide Application Equipment

A-1 Mist Sprayers – 877-924-2474  
 Black Rock Repair – 717-529-6553  
 Crop Care/PaulB LLC – 717-738-7350  
 Hoover Tractor – 570-966-3821  
 Iva Manufacturing – 717-768-0747  
 Market Farm Implement – 814-443-1931  
 Martin's Produce Supplies – 888-381-8641  
 Martin's Repair Shop – 717-733-3015  
 Penns Creek Welding – 570-837-1197  
 Swihart Sales Co. – 800-864-4695  
 Woodhouse, J. S. – 413-736-5462



*Grown in PA. It makes a difference.*

## Pesticides/Plant Growth Regulators

Daniel's Farm Store – 717-656-6982  
 Martin's Produce Supplies – 888-381-8641

## Biocontrols – Beneficial Insects

IPM Laboratories – 315-497-2063

## Wildlife/Bird Damage Control Products

DuBois Agrinovation – 800-667-6279  
 JWB Marketing – 800-555-9634



**SWIHART**  
Sales Company  
– Mist Sprayers –

SPRAY  
INNOVATIONS



**American Made**

We offer a complete line of low volume mist blowers.


Low Maintenance  
High Performance

Excellent for spraying:  
VEGETABLES, vineyards,  
orchards, nurseries, Christmas  
trees, mosquitoes, cattle,  
chicken houses, etc.

References  
available in  
your area


For free brochure contact:  
**Swihart Sales Co.**  
7240 County Road AA, Quinter, KS 67752

785-754-3513 or 800-864-4595  
[www.swihart-sales.com](http://www.swihart-sales.com)



**Count on it.**

**Aqua-Traxx®**  
with the **PBX Advantage**



**Premium  
Drip Tape with  
Unmatched Precision**



## ROBERT MARVEL PLASTIC MULCH, LLC

# BioTELO<sup>®</sup> AGRI

**The original biodegradable mulching film!**

BioTelo Agri is a revolutionary film for mulching that is completely biodegradable. BioTelo Agri is composed of Mater-Bi, a corn-starch based, thermoplastic material made of raw materials from renewable resources that have not been genetically modified. BioTelo Agri breaks down into the soil where microorganisms convert it to water, carbon dioxide and biomass.

### Benefits of BioTelo Agri:

- Leaves no residue in the soil, significantly minimizing its environmental impact.
- Biodegrades completely without polluting the soil or accumulating over time.
- Has the same strength, elasticity and effectiveness of traditional plastic mulch film.
- Does not need to be removed from the soil or disposed of at the end of the growing season.
- Can be laid with conventional mulch laying machines.
- Can be used for any crop traditionally grown with plastic mulch film.
- Provides the same effectiveness of weed suppression as plastic mulch film.

Testing has shown that the quality and productivity of the crops grown using BioTelo Agri are identical to those grown with plastic mulch film.



### How Long will BioTelo Agri Last?

Degradation of BioTelo Agri depends largely on climatic and environmental conditions such as temperature, humidity and soil microbial activity, allowing for a field life of at least three to four months and up to five to seven months.

### What is BioTelo Agri made from?

BioTelo Agri is wholly composed of Mater-Bi, a corn-starch based material whose complete biodegradability has been certified by The Belgian Institute of Organic Waste System as part of the certification program "OK Compost", "OK Biodegradable Soil", as well as other international institutions such as AIB Vincotte (Belgium), Dincertco (Germany), and IIP Italy.



**And remember, if the label on the roll does not say BioTelo Agri, it's not**

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- Martin's Produce Supplies – 888-381-8641
- Nolt's Produce Supplies – 717-656-9764, 661-7069
- Rain-Flo Irrigation – 717-445-3000
- Tew Manufacturing Corp. – 800-380-5839

### Refrigeration Equipment

- Arctic Refrigeration – 585-343-2678
- KoolJet Refrigeration – 866-748-7786

## General Supplies

### Fertilizer

- Blackmore Co. – 800-874-8660
- CSI Chemical – 800-247-2480
- Daniel's Farm Store – 717-656-6982
- Martin's Produce Supplies – 888-381-8641
- Nolt's Produce Supplies – 717-656-9764, 661-7069
- Plant Food Co. – 800-562-1291
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- Trickl-Eez Co. – 800-672-4700
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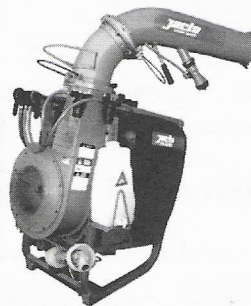
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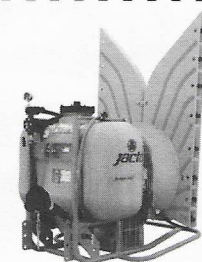
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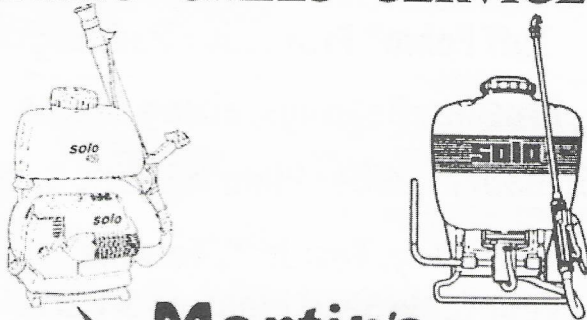
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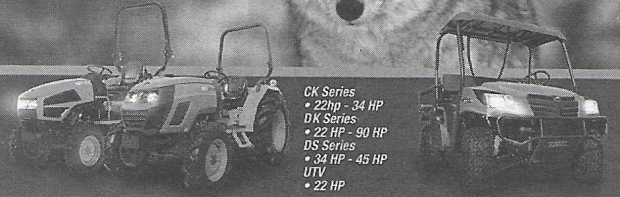
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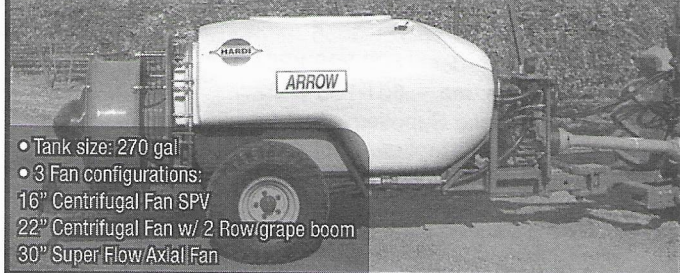
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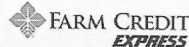
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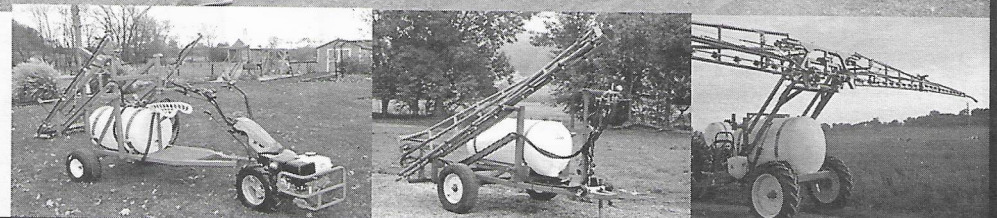
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 Nolt's Produce Supplies – 717-656-9764, 661-7069  
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 Frecon Orchard Supplies – 610-367-2933  
 Henry, Ernest – 717-321-3655  
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 Jordan Seeds, Inc. – 651-738-3422  
 Martin's Produce Supplies – 888-381-8641  
 Nolt's Produce Supplies – 717-656-9764, 661-7069  
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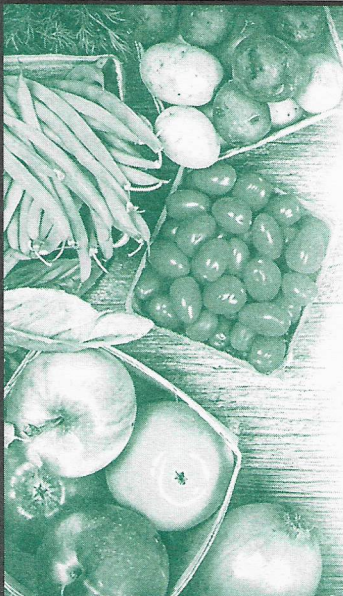
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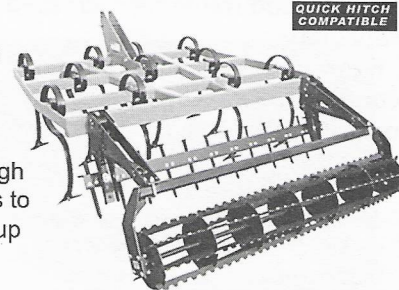
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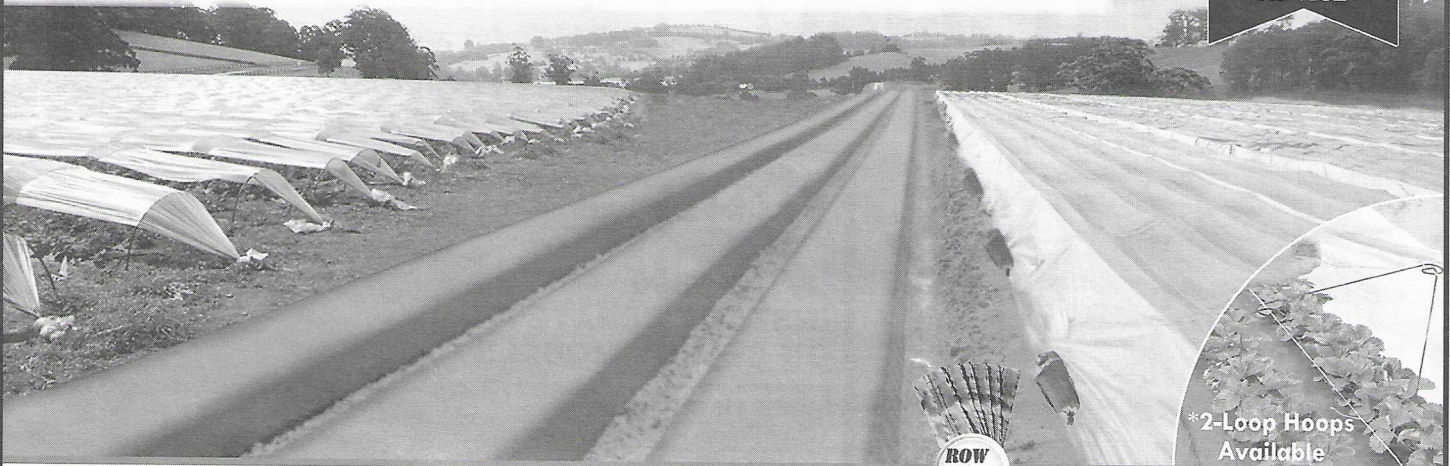
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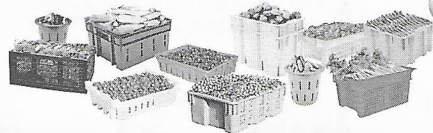
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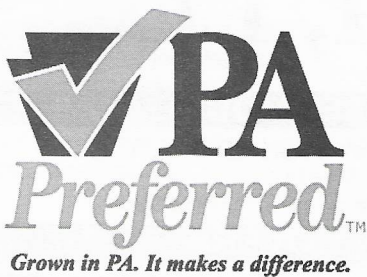
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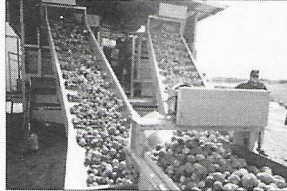
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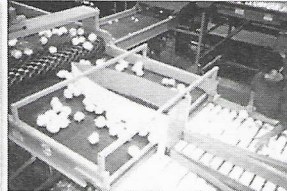
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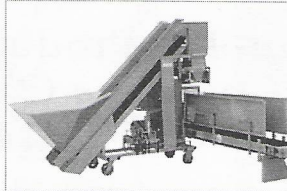
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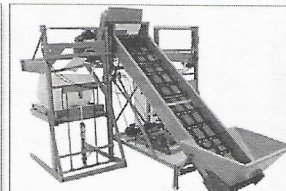
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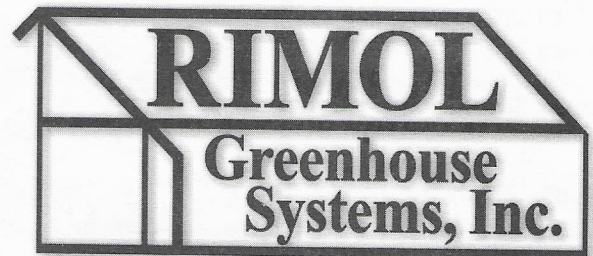


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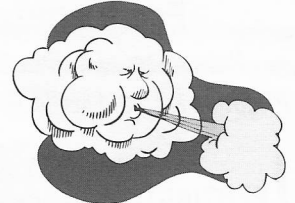
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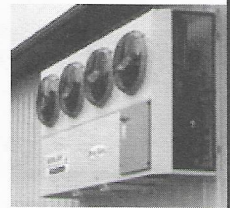
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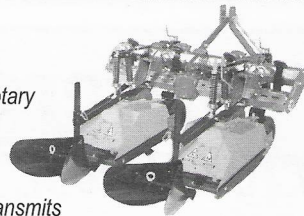


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