



**dhia**

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Web site <http://www.dhia.psu.edu>  
Pennsylvania Dairy Herd Improvement Association  
DHIA Service Center, Orchard Road, University Park, PA 16802



### Average Farm Feed Costs For Handy Reference

To help farmers across the state to have handy reference of commodity input costs in their feeding operations for DHIA record sheets or to develop livestock feed cost data, here's last week's average costs of various ingredients as compiled from regional reports across the state of Pennsylvania. Remember, these are averages,

so you will need to adjust your figures up or down according to your location and the quality of your crop.

Corn, No.2y — 2.175 bu., 3.89 cwt.  
Wheat, No. 2 — 3.198 bu., 5.340 cwt.  
Barley, No. 3 — 1.98 bu., 4.237 cwt.  
Oats, No. 2 — 1.675 bu., 5.226 cwt.  
Soybeans, No. 1 — 7.067 bu., 11.80 cwt.

Ear Corn — 82.11 ton, 4.105 cwt.  
Alfalfa Hay — 163.00 ton, 8.15 cwt.  
Mixed Hay — 141.75 ton, 7.088 cwt.  
Timothy Hay — 126.00 ton, 6.3 cwt.

Please feel free to contact Pa. DHIA at 1-800-344-8378; if we can assist with your dairy management record needs, or visit our website at <http://www.dhia.psu.edu> today.

## Ag Progress Days A Success.

**DAVID BIGELOW**  
Training Coordinator  
UNIVERSITY PARK (Centre Co.) — The central theme for the recent Ag Progress Days held August 12-14 at Rocksprings was the fact that Pa. DHIA has an award-winning laboratory, having been rated 100 percent (Excellent) by Paul Sauve, National DHIA Quality Certification, while the field service department averages 14 years of service for 117 technicians along with maintaining the highest rate of usable records 83 percent for USDA genetic evaluations of any DHIA in the United States.

Dairymen receiving services from Pa. DHIA continue to enjoy the most accurate state of the art Milk Urea Nitrogen testing in the nation. Lab results can be sent electronically, fax, first or second class mail.

Technicians use on-farm computers to provide same-day test

reports, which include persistence, quick overview, vet action lists, BST action, or customized reports to fill the customer's needs.

The Pa. DHIA processing department has also received an excellent quality certification rating. Dairy records can be accessed through the Internet. The herd data can also be easily obtained for records evaluations for nutritionists, veterinarians, finance officers, dairymen as well as other consultants. The processing center at Pa. DHIA also has the capability to interface with many herd management programs such as Dairyplan, Dairycomp 305, Cowsearch, Chektech, Delaval, Surge and Boumatic.

After summing everything up, Pa. DHIA enjoys the distinction of having a farmer owned and controlled cooperative that blends the laboratory, field services and processing departments all together to make for a winning combination.

## Double-Crop Small Grains To Alleviate Feed Shortage

COLLEGE PARK, Md. — Late August rains did not come in time to save drought-stricken corn crops in many parts of the Mid-Atlantic area. But they offer opportunity for beef producers and dairy farmers to reduce the likelihood of serious livestock feed shortages this fall and winter.

How? By sowing small grains now for late fall and early spring emergency grazing and for all or spring silage harvest.

That's the word from Lester Vough, forage crops specialist for the University of Maryland's Cooperative Extension Service. Vough points out that winter small grains also serve as a cover crop to control soil erosion.

And new fencing technologies make it economically feasible for livestock producers to fence their

fields for grazing, he notes — something that wasn't readily available during previous drought seasons like 1986 and earlier.

Vough recommends that spring oats be sown immediately (not later than Aug. 31), since it can be counted on to provide more grazing this fall than any other small grain. Oats also make a good fall silage crop. However, oats won't survive over winter as do wheat and rye.

For that reason, it's a good idea to sow a mixture of small grains (other than oats) around mid-October. This will extend the grazing season and make ensiling time less critical, since the various small grains have different maturity times.

Combinations of rye and triticale or rye-wheat-barley are good bets for spring silage harvest. Triticale also works well for hay when no-tilled into an existing alfalfa stand.

Hairy vetch and field peas sown with small grains make an excel-

lent forage crop for use as silage next spring. But they will not withstand fall grazing, Vough cautioned, and they should be sown by Oct. 1.

He warns farmers to be careful about sowing small grains in fields that were planted to corn this spring. Because of the drought, carryover of atrazine and other herbicides is greater than normal. This could cause adverse effects for small grain and forage seedlings this fall.

Vough agrees that early fall seeding of small grains — particularly wheat — could result in damage by the Hessian fly, crown and root rot diseases and various mosaic viruses. But this concern is lessened by increasing the seeding rate 50 to 100 percent and remembering that the goal is to produce forage — not grain.

Also keep in mind that rye does not suffer damage from the Hessian fly. And grazing reduces the incidence of diseases and viruses that otherwise may occur with early seedings.



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ITEM #	DESCRIPTION	PRICE
<b>LAWN &amp; GARDEN</b>		
702751	Garden Hose 5/8"x50'	\$7.99
700479	Garden Hose 5/8"x50'	\$15.99
U64133	Metal Rake 24" Spring	\$7.50
U64193	Poly Rake 24"	\$5.50
700496	Bamboo Rake 18"	\$5.25
700502	Bamboo Rake 24"	\$6.20
700511	Bamboo Rake 30"	\$6.95
0643	Trash Container 32 gal	\$10.50
2214	Scoop Shovel Aluminum #14	\$15.50
U91020	Scoop Blade #14	\$12.50
<b>PEST CONTROL</b>		
GMT1	Mouse Trap glue	\$.99
GRT2	Rat Trap glue	\$2.50
233	Mouse Trap glue, 2 pk.	\$1.50
3207420	Rat & Mouse Killer 1 lb.	\$3.50
725237	Mousetrap Intruder	\$3.25
740425	Dairy Spray Aerosol, 25 oz.	\$9.50
<b>TOOLS</b>		
S10989	Retractable Swivel Knife HD, Stanley	\$4.50
M02346	Drill 1/2" HD, Milwaukee	\$129.95
2180	Screwdriver 4 in 1, Enders	\$2.95
Buy A Makita Tool, receive a Free Water Jug!!		
<b>NAILS/NAILERS</b>		
BIMP114G	Coil Roofing Nails 1/4"	\$26.98
SSN70	Senco Frame Nailer	\$389.00
SSN325+	Senco Frame Nailer	\$369.00
SSCN40R	Senco Roof Nailer	\$389.00
SFN40	Senco Finish Nailer	\$398.00
SMR55	Rivetor, Right Angle, Stanley	\$10.98
B5700	Stapler, Powershot, B&D.	\$21.98
<b>PAINT</b>		
	Liquid Nails, 10.5 oz. tube	\$1.19
	Dap 4000 Adhesive 29 oz. tube	\$2.19
<b>PLUMBING</b>		
4048112	Kitchen Faucet, Sterling	\$52.50
4048260	Kitchen Faucet, Sterling	\$42.50
TF12	Teflon Tape 1/2"x520'	\$.35
43141212	Handheld Shower Head, Massager	\$19.99
<b>CASTERS</b>		
TP505	Heavy Swivel Caster 5"	\$13.50
TP506	Heavy Rigid Caster 5"	\$10.50
TP605	Heavy Swivel Caster 6"	\$10.35
TP606	Heavy Rigid Caster 6"	\$13.50
<b>MISC.</b>		
CSB30	Concrete Splash Block 30"	\$6.95
PBZ2618	Flashlight 2D cell Industrial	\$1.99
PS10PS	Battery, 2D, Cell	\$.99
PBZ 50th Anniversary Truck \$14.95		
All Swing Set related items in stock 15% Off		
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### Brubaker Agronomic Consulting Svc., Inc.

Invites You to Attend the Free

## 1997 BACS Summer Field Day

Lancaster County, PA

Thursday, Sept. 4

10:00 AM - 3:00 PM



12:00 - Secretary Samuel E. Hayes, Jr.  
Secretary of Agriculture

#### Various Research Projects:

Fertility Trials      Herbicide Trials  
Variety Trials      Herbicide-Resistant Crops  
Pesticide Trials      Burcucumber Herbicide Trials

Both CCA, private, and commercial pesticide update points will be available to those in attendance.

✓ Free Lunch Provided    ✓ Guided Wagon Tours  
✓ Agri-Business Representatives to Answer Questions

From Lancaster: Rt. 272 N. through Ephrata. Turn left on Schoeneck Road. Proceed to second crossroads (Springville Rd.). Park at the church.

Reservations Appreciated 717-859-3276

**PAUL B. ZIMMERMAN, INC.**  
717-738-7350

50 Woodcorner Rd.  
Lititz, PA 17543  
1 Mile West of Ephrata

Hours:  
Mon., Thurs., Fri. 7 a.m.-8:30 p.m.  
Tues. & Wed. 7 a.m.-5:30 p.m.  
Sat. 7 a.m.-4 p.m.