

Take care of Christmas plants

STATE COLLEGE — People who were lucky enough to find indoor plants under the Christmas tree must know a thing or two about caring for their gifts, Penn State horticulturist J. Robert Nuss says. No matter how attractive these plants are during the holidays, their flowers are short-lived when brought into the home. Nuss offers the following advice in caring for Christmas plants:

- For azaleas, make sure the plants are exposed to bright light, or full sunlight. Keep them watered well all the time. Avoid

direct heat or drafts on the open flowers, because this speeds the loss of moisture. Azaleas can be saved for use outdoors.

- Christmas begonias should be kept in full sunlight during the daytime, but they should be given cool temperatures at night. These plants are difficult to grow indoors, and should be discarded after the season.
- Christmas cactus plants need full sunlight and cool temperatures between 50 and 65 to preserve the open flowers and prevent the drop of formed buds. The flowers fail to

open if the plants remain in temperatures above 70 for very long. This plant is not a true cactus, so it does need uniform levels of moisture. Christmas cactus plants can be a part of a permanent indoor collection.

- Christmas pepper plants are annual plants grown for their colorful fruit. Bright light and cool temperatures will slow the fruit drop indoors. When the plant's quality goes, so should the plant.
- Cineraria is another breed of plant to discard after flowering. It will hold for quite some time if given full sunlight, cool night temperatures and lots of water. The lower leaves will quickly yellow and wilt in low light and dry

soils.

- Cyclamen plants like cooler temperatures to retain the flowers and forming buds in the crown of the plant. Full sunlight and uniformly moist soils are needed to keep the plant alive. Cyclamen plants can be saved for another season by gradually reducing the moisture after flowering. Keep them on the dry side until June, when they can be repotted and grown again.
- Jerusalem cherry plants are used during the holiday season for their colorful fruit that naturally drops after it ripens. The fruit will ripen slower in cooler temperatures and full sunlight. Once the fruit drops, discard the plant.
- Kalanchoe plants will hold their flowers in full sunlight. The soil must be uniformly moist or the flowers will drop early. These plants will make ideal permanent house plants for their foliage, but flowers in their second season are generally not as good as flowers in

the first year.

- Poinsettias will hold most of their leaves and colorful red bracts for many weeks if given full light and cool night temperatures. For best results, keep the soil damp but not too wet. Poinsettias are bothered most often by extreme conditions — too low a light level, too hot or cold a temperature, too low or dry a humidity around the foliage. Poinsettias can be kept from one season to the next. They make interesting foliage plants in the garden during the summer months. After the flowers and foliage decline in late winter, cut the top back to three or four buds to allow the plant to dry off slightly. As the weather warms, resume watering to grow new foliage for the summer. Flowering is induced in the fall by altering the amount of light the plant receives.

BIG CLOVER YIELDS?

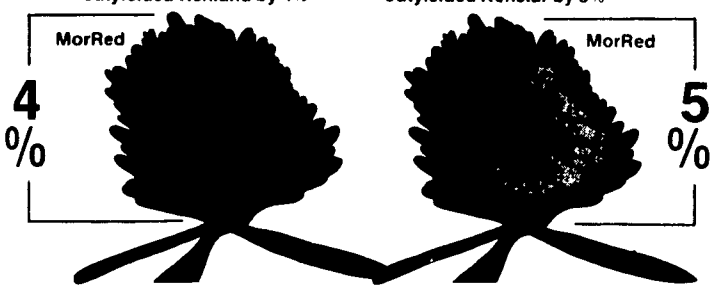
Plant MorRed.

MorRed Red Clover possesses the qualities that lead toward a top yielding, short rotation hay and grazing legume.

- **Combined resistance to both Northern and Southern Anthracnose**
Northern and southern anthracnose can kill or greatly reduce the stand life of red clover
- **High resistance to powdery mildew**
Contributes to early fade-out and reduces feed quality
- **Higher yield potential than Kenland or Kenstar**

In 5 years of testing, MorRed outyielded Kenland by 4%

In 17 years of testing, MorRed outyielded Kenstar by 5%



At \$100 per ton for hay, that's \$18.00 per acre per acre more for MorRed

- **Improved winterhardiness**
The tougher a variety, the better chance the crop has to produce throughout its expected rotation
- **Vigorous growth and quick recovery**
The higher the disease resistance, the better the chance for the crop to fully express its potential
- **Seeding versatility**

MorRed Red Clover is ideal for No-till pasture and meadow seedings in old grass stands. Alone for hay and pasture, MorRed can also be seeded in standing small grain or on an early prepared seed bed alone. MorRed can be mixed seeded with grasses and small grains as part of a rotation or seeded in combination with other legumes—especially white clover along with grasses for hay and pasture. Farmers find that when used as part of a rotation, red clover is helpful in building the nitrogen level for the grain fraction of the rotation.

MorRed

BIG CLOVER YIELDS

For The Name of Your Nearest MorRed Dealer, Call:



York, Pa. Office 717-769-9814
 Emmaus, Pa. Office 215-967-4131
 Mifflinburg, Pa. Office 717-966-3841

CATALYTIC FILTERS AVAILABLE HERE

WE SERVICE WHAT WE SELL

13,000 BTU
\$79.00 Reg. \$219.00

22,600 BTU **\$99.00** Reg. \$249.00
 Model 22 DK, by the mfg. of Corona
 Toyostove Heaters Available
 Variety of Wicks — We will mail or UPS

FREE

- Battery Siphon Pump \$12.95 Value
- Kero Maintenance Kit \$14.95 Value

WITH PURCHASE OF EACH HEATER

LEOLA FIREPLACE & STOVE SHOP
 93 W. Main St., Leola, PA 17540, Rt. 23 & 772

SALE!
 Kero Clean
 • Cuts Odor
 2/5.00

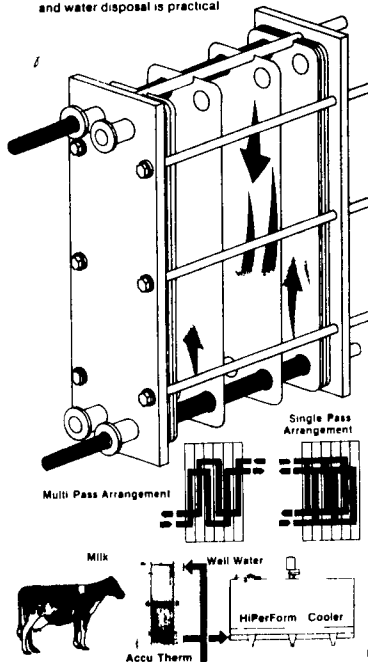
M.W.&F. 10-8 T.&F. 10-6
 S. 9-5 (717) 656-6408

Mr. Dairyman If You Are Interested In Saving Energy Or If You Are Having A Cooling Problem, Please Call us For A No Obligation Demonstration

The Mueller Accu-Therm™ Precooler

... uses well water to precool your warm milk before it goes into your milk cooler!

In seconds 100 degree milk is cooled to within 15 to 20 degrees of well water temperature. Milk flows between every other stainless steel heat exchanger plate while well water flows in the opposite direction on the other side of these plates cooling the milk. Choose Accu-Therm for lowest cost precooling when well water is plentiful and water disposal is practical.



FOUR REASONS WHY YOU SHOULD HAVE A MUELLER ACCU-THERM PRECOOLER ON YOUR FARM!

- 1 Reduces Energy Cost**
Milk from the cow is about 100 degrees F. Precooling milk by 20 degrees shortens the time the milk cooler refrigeration system must operate by one third. Precooling warm milk by 30 degrees will cut your milk refrigeration system operation in half. A Mueller Accu-Therm lowers your energy costs and reduces your operation expenses.
- 2 Flexibility**
The Accu-Therm is available in wall mounted or floor models to fit any milking operation or space restriction. As your dairy operation grows, Accu-Therm can be easily adapted to increased volume by adding heat exchanger plates. This is a simple job requiring only a hand wrench and a few minutes and does not require moving the Accu-Therm.
- 3 Low Maintenance**
The Accu-Therm Plate Heat Exchanger is a closed system and can be quickly and efficiently cleaned in place with the rest of the milking system.
- 4 Pays For Itself**
The money you save in reduced energy costs will soon repay your investment in a Mueller Accu-Therm milk pre-cooler. For example, with 60 degree F well water for cooling, milk temperature is lowered by 20 degrees and energy requirements are reduced one third. The typical 5 HP milk cooler condensing unit uses approximately 5 kilowatts per hour of electricity.

RUFUS BRUBAKER REFRIGERATION

614 Penryn Rd. Manheim, PA
 717-665-3525

Southern Service Center
 R.D. 3,
 Dry Wells Rd.
 Quarryville, PA 717-786-1617

Northern Service Center
 RD 1, Box 199
 Myerstown, Pa.
 717-933-4711

MOJONNIER PARTS AVAILABLE USED COOLERS AVAILABLE

- 1,000 & 3,000 Gal. Mueller
- 300 & 500 Gal. Mojonnier
- 400 Gal. Girton
- Various Types of Inexpensive Tanks!

PSU wins food, ag fellowships

UNIVERSITY PARK — Penn State's departments of food science and agricultural engineering successfully competed in the 1984 USDA Food and Agricultural Sciences National Needs Graduate Fellowship program. Both departments are funded for three fellowships each to support new masters degree students in 1985.

The fellowships are part of the \$5 million set aside in the 1984 Federal budget to support post-graduate education in agricultural science. They are awarded by the higher education programs of the Agricultural Research Service of the USDA. Of the 147 proposals submitted for graduate fellowships, only 67 were funded and only eight other universities received awards for masters degree work in food science and agricultural engineering. Penn State received \$64,000 under this program.

AT LAST!! A Truly Dependable WORK WATCH!

WATER RESISTANT!
 SHOCK RESISTANT!
 ...And, best of all
 IT'S LORUS QUARTZ!



Send Name, Address And Check To Address Below
 Add 75¢ postage and handling
 PA residents add 6% sales tax

HEISEY JEWELERS
 5 N. Main St
 Manheim, Pa. 17545