

**Store Pesticides For Next Year Safely**  
Pesticides and herbicides can be stored for use next year, if the containers are sealed and placed in a cool area during winter, reminds Delbert L. Bierlein, Extension pesticides coordinator at The Pennsylvania State University. Store liquid pesticides in protected areas to

prevent damaging containers, freezing or precipitation of the ingredients.

An important point: store the chemicals in their original containers, which provide identification, usage directions, safety precautions and rate recommendations. Unidentifiable materials should be destroyed.

## For a More Profitable Soybean Harvest

Soybean production could have averaged 10 percent more in 1971; unfortunately harvesting losses slashed yields three bushels per acre. And worst of all, harvesting losses are an annual occurrence.

Losses don't have to be so great. USDA found that improved soybean harvest management could help growers retain at least two out of every three bushels lost at harvesttime.

At September 1972 prices this could mean a savings of around \$6.50 per acre.

USDA has endorsed seven steps to a more profitable soybean harvest.

1. Start to harvest when moisture in the pods reaches 13 percent. Shatter losses increase when moisture levels drop below

11½ percent. Take field samples to a local elevator for a moisture test.

2. Drive the harvesting combine at speeds of 2½ to 4 miles per hour. In that range the cutting bar can ride down for maximum cut. To check your speed: Divide the number of feet your combine covers in 20 seconds by 30. That'll give you miles per hour.

3. Check the number of pods on the ground before harvest so the combine doesn't get blamed for preharvest losses. Four beans lost per square foot equal a bushel lost per acre.

4. Match ground speed to reel speed. Best reel speed is 1½ times the combine speed. The low reel speed reduces shattering and reduces the number of pods that pop out of the combine after

cutting. A good guideline: Maintain 12 revolutions per minute for every mile per hour of ground speed.

5. Cut as close to the ground as you can to get all pods. Tests in Illinois showed a 10-percent reduction in harvest loss when soybeans were cut at 2½ inches.

6. Measure losses at several points - cutting, gathering, threshing. This will pinpoint losses and let you readjust your equipment to best conditions. A quick check of the combine operator's manual helps.

7. Adjust the combine to changing conditions. Dew and dampness, for example, must be compensated for. Cylinder speed should be increased to 500 r.p.m.'s or faster for tough pods. As the fall sunshine dries the plants, slow the cylinder. The blower should also be adjusted to prevent beans from being lost.

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## Garden Spot Plans Welding Course

An evening arc welding school for farmers and other interested persons will begin at 7 p.m. Wednesday, January 3, at the Garden Spot High School vo-ag department. The school will be conducted one night a week for five consecutive Wednesday nights. The school is designed for beginners and others interested in improving welding skills.

Robert Woods, vo-ag teacher at the High School, will teach welding in the various positions, on different kinds of metal, welding cast iron, hard surfacing, cutting, and brazing with an arc welder.

Everyone who attends will receive a certified diploma if they attend all five sessions. A fee of \$5 will be charged for the course and all materials needed will be provided free of charge.

The welding school will be limited to 20 persons. Anyone interested in the course should contact the Garden Spot vocational agriculture department by Friday, December 22. Persons interested in taking the course should call the High School between 8 a.m. and 3 p.m.

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