USDA Protects 19 New Plant Varieties

WASHINGTON, D.C. - The USDA has issued certificates of protection to developers of 19 new varieties of seedreproduced plants. They include bean, lettuce, potato, rice, soy-bean, watermelon, and wheat.

The 19 certificates are being issued under the amended Plant Variety Protection Act. The amendments extend protection to F1 hybrids and tuberpropagated varieties and require that all protected varieties be sold by variety name.

The certificates require not only that the varieties be new. uniform, and stable, as in the original act, but also that they be distinct. The owners will have the exclusive right to reproduce, sell, import, and export their products in the United States for 20 years.

The 19 certificates are:

• Aspen variety of bean, developed by Idaho Seed Been Company, Twin Falls, Idaho.

- Margarita variety of lettuce, Coastal Seeds, Inc., Salinas, Calif.
- · Agata variety of potato, developed by Svalof Weibull B.V., Grand Falls, Canada.
- Morning Gold variety of potato, developed by B.V. De ZPC, New Maryland, Canada.
- FL 1833 variety of potato, developed by Frito-Lay, Inc., Rhinelander, Wis.
- Drew variety of rice, developed by University of Arkansas Agricultural Experiment Station, Stuttgart, Ariz.
- Maverick variety of soybean, developed by the curators of the University of Missouri, Columbia, Mo.

- Quetzali variety of watermelon, developed by Novartis Seeds, Inc., Boise, Idaho.
- 92B01, 91B91 and 92B21 varieties of soybean, developed by Pioneer Hi-Bred International, Inc., Johnstown, Iowa.
- Legacy variety of water-melon, developed by Willhite Seed Inc., Poolville, Texas.
- · Caledonia variety of wheat, developed by Cornell Agricultural Experiment Station, Ithaca, N.Y.
- Saxon variety of wheat, developed by United Grain Growers Limited, Winnipeg, Canada and Agripro Seeds, Inc., Berthoud, Colo.
- Mohawk and Tacna varieties of wheat, developed by Western Plant Breeders, Yuma,
- Shadow, Cajun, and Navigator varieties of bean, developed by Novartis Seeds, Inc., Boise, Idaho.

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 - 2.56 bu., 4.58 cwt. Wheat, No.2 - 2.30 bu., 3.84 cwt. Barley, No.3 -- 1.76 bu., 3.76 cwt. Oats, No.2 — 1.54 bu., 4.81 cwt. Soybeans, No.1 -- 5.07 bu., 8.47 cwt. Ear Corn - 77.47 ton, 3.87 cwt. Alfalfa Hay - 118.75 ton, 5.94 cwt. Mixed Hay — 111.25 ton, 5.56 cwt. Timothy Hay -- 123.75 ton, 6.19 cwt.



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