

# Pioneer Introduces 1992 Seed Products

WEST DES MOINES, Iowa — Pioneer Hi-Bred International, Inc., has added a total of 10 new seed products to its lineup of corn, soybean, sorghum, and alfalfa seed products for growers in Eastern and Northeastern areas.

Mark Iwig, director of North America corn breeding for Pioneer, says new corn hybrids now being introduced are in part the result of a major expansion in the company's research and development program in the late 1970s and early 1980s.

"With our new corn hybrids, Pioneer's corn hybrid lineup from top to bottom has never been stronger," said Iwig. "Today, Pioneer offers leader packages of corn hybrids specifically developed to address local environmental conditions. The opening of eight new research locations in the past decade, giving us a total of 26 corn research stations across North American corn growing areas, enables us to select specific hybrids for local conditions. The company has research stations located in New Holland and Quarryville, Pa.

"Today, the result is more outstanding hybrids to choose from to select planting packages that will help growers spread risk from various environmental, disease, and insect stresses," Iwig said.

## New Corn Hybrids

Pioneer has five new yellow dent corn hybrids adapted to the East and Northeast.

"Extremely high yielding over wide range of environments," is how Terry Williams, Pioneer corn breeder at New Holland, Pennsylvania, described new 3394, a 111 comparative relative maturity (CRM) corn hybrid. "It's extremely fast out of the ground, extremely good stress tolerance with very good roots, and on top of all this is

a beautiful hybrid to watch grow all season long."

Probably the most exciting new Pioneer hybrid for eastern corn growers is 3245. This 115 CRM hybrid has "very high yield-record setting potential, extremely good grain appearance, very high grain protein," Williams said. "It averaged more than 280 bushels in Rutgers' high yield experiment in 1990. It's an attractive hybrid to grow."

Because of its excellent grain quality, the hardness of grain starch, and its high test weight, a number of food processors have expressed an interest in this hybrid.

New 3645 is a high yielding hybrid for New York and the early sections of the East. On a rising scale of 1 to 9, Pioneer plant breeders and agronomists rated this 102 CRM hybrid a 9 for yield for maturity and a 7 for stalk height. "It's a great hybrid for silage for the farmer who wants high tonnage," Williams said. "This hybrid was designed just for the silage producer."

Another early hybrid among the new Pioneer offerings is 3845. This 91 CRM hybrid can be grown as far north as corn is produced in the Northeast. "It comes up fast and shows its yield," Williams said. It has an extended grain fill period and blacklayers later than other hybrids of this maturity, but dries down very fast, producing yields similar to later maturing hybrids. And while it does well at higher planting rates, it has good ear flex when planted at lower rates.

"For an early hybrid, it can produce very big ears," Williams said.

Top end yield, very good grain quality, and outstanding stalks are just a few of the traits that Wil-

liams said make new 3293 a "hybrid any grain farmer would be proud to grow." This 114 CRM hybrid is similar to 3241, but with more top-end yield potential. It has strong early growth, superior staygreen, and superb drought tolerance.

## New Soybeans

Three new Pioneer soybean varieties are being sold for planting next spring. These include 9392, a late group III; 9521, an early group V; and 9551, a mid-group V.

New 9392 has an impressive yield history in the Pioneer research program. It has very good brown stem rot and Phytophthora tolerance and very high yield potential, said Joe Mayer, Pioneer field sales agronomist at Petersburg, Pa. It has fast emergence, even in cooler soils, making it a good choice for minimum or no-till planting.

"It is widely adapted across a variety of soils and conditions," he said. "With its good standability, it will do well just about anywhere growers want a late group III maturity soybean variety."

With multirace resistance to Phytophthora root rot and resistance to Races 3 and 4 soybean cyst nematode, new 9521 has the ability to produce top yields on problem soils. It is an exceptionally high yielding variety for its maturity, even on soils where cyst nematode and Phytophthora are not present.

"Its canopy enables 9521 to perform well in both wide and narrow rows, and it should do very well when planted no-till or behind wheat as a double crop," said Ed Lazowski, Pioneer field sales agronomy manager at Mount Joy, Pa.

Pioneer 9551 is resistant to races 3 and 4 of the soybean cyst

nematode. "It also has good tolerance to sudden death syndrome, stem canker, and Frogeye leaf-spot," Lazowski said. It is average in height and canopy width.

"This stature may be shorter than desired on the very heavy clay soils, but 9551 has performed very well in these conditions too. This variety can be planted in all row widths and as a double-crop soybean behind wheat," he said.

## Forage

### Sorghum Hybrid

New 840F is a dual purpose hybrid that produces heavy yields of low tannin white grain. With an RM rating of 75, it's a medium maturity hybrid with leafy stalks that grow 6-7 ft. tall, and generally

produces a high grain to stover ratio.

"Not only is silage high in energy, but it is also more palatable because of the low tannin grain content," said Mark Hood, Pioneer grain sorghum breeder at Clarkdale, Ark.

## Alfalfa Variety

"High yield potential is the main feature of new 5333, a multi-lobate variety that is suited to soils that are less than well drained," said Ed Poynor, Pioneer alfalfa breeder at Quarryville, Pa. Other features include high resistance to bacterial wilt, Fusarium wilt, anthracnose, Phytophthora root rot, and moderate resistance to verticillium wilt.

## Keystone Announces Scholarships

SHOEMAKERSVILLE (Berks Co.) — Keystone Farm Credit, ACA announces the availability of two \$500 scholarships toward the higher education of students planning to pursue careers in agriculture.

Keystone, serving the financial needs of agriculture and rural residents in the 15-county southeastern Pennsylvania area, will award one scholarship in each of its two regions.

Region I is comprised of Chester, Delaware, Lancaster, Lebanon and Lower Dauphin counties. Upper Dauphin, Berks, Bucks, Carbon, Lehigh, Monroe, Montgomery, Northampton, Philadelphia, Pike and Schuylkill counties are in Region II.

An applicant's parent(s) or guardian(s) must reside in one of the above counties. Applicants must

be high school seniors planning to attend a four year college on a full-time basis with agriculture or agri-business as the major emphasis of study.

Notification of the availability of the scholarships is being sent to the administrators of the secondary schools in the 15-county area. Keystone Farm Credit, ACA also intends to reach as many of the private schools in the area as possible; scholarships are not limited to the public school systems.

Anyone whose educational institution was not contacted should not consider himself or herself excluded from requesting an application form. He/she is encouraged to contact Keystone Farm Credit, ACA, Attention: Carol M. Mercner, P.O. Box 687, Avondale, PA 19311, (215) 268-3865.

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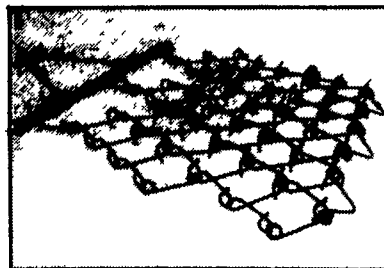
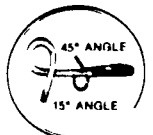
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