## (Continued from Page D4)

## **Top Lancaster DHIA**

WESTMORELAND CNTY								JONAS & RUTH STOLTZFUS				
TOUN C DODEDE CONUN		BOLIVAR		STATE OF	MARYLAND				425	31,791		940
JOHN & ROBERT GRAHAM KATE	30,509	911	976	HTCHLAND	HEIGHTS FARM		STREET		410 985	30,124 27,304		863
45	28,878		882	722	neighis fam	40,480		1186	CARL BENDER	27,304	1145 ACCIDEN	826 T
				813		32,584		949	SAGE	33,638		854
YORK COUNTY				663		30,455		936	EUGENE ESHLEMAN		HAGERST	1
				181		31,361	929	912	ET19	27,874	1096	850
EDWIN JOHNSON		AIRVILL	Ē	861		25,731	1129	857	ART MAUST		GRANTSVI	ILLE
MAXIE	31,746	1208	1006	776		30,290	1150	856	ALMOND	29,709	998	821
MILKY	25,817	1052	865	180		30,143	1212	851	STAFF-HERD FARMS		ELKTON	
MALIBU	25,597	1053	817	152		30,958	1140	845	06	28,874	1214	805
GERTI	26,099	958	810	782		27,683	1154	825				
CASEY	27,952	951	810	864		28,074	1040	817	STATE OF DELAWARE			
ROSE	26,339	1043	809	856		28,425	867	812				
MERRI	25,758	1023	805	761		31,992	1054	808	SWARTZENTRUBER HOMESTEA	D	GREENWOO	סכ
HEINDEL & SONS		BROGUE		788		29,252	1159	800	420	34,085	858	<b>91</b> 5
1145	29,068	1080	950			•						
SALLY	25,659	1169	854									

## Weigh Wagon Comparisons Can Evaluate Crop Hybrids

DES MOINES, Iowa - Harvest is rapidly approaching, and its time to schedule weigh wagon checks to measure and compare yields of corn hybrids and soybean varieties.

Taking the time can be well worth the effort, because weigh wagon comparisons provide valuable information about hybrid and variety performance based on local conditions. This is

information that can be used in selecting seed for next year.

"Seed companies such as Pioneer provide producers with a lot of information about hybrid and variety characteristics ranging from yield to disease resistance on all their commercial products," says Danny Greene, technical information manager for Pioneer Hi-Bred International, Inc., in Bloomington, Ill. "This information helps producers select the right products for their farms. However, the bottom line in the decision process is how a specific hybrid or variety performed in the producer's own field.

"Making weigh wagon comparisons each year gives producers this information. And

## New Legume Available To Increase Nitrogen In Soil

FLASHER, N.D. - David Krause, owner of Dakota Frontier Seeds, announced that AC Greenfix, a variety of chickling vetch (lathyrus satuvus) also known as grass pea or grassy peavine, is now available in the U.S. for farmers looking for an alternative way to increase nitrogen in the soil. This legume has the ability to fix high amounts of nitrogen in the soil with both green manuring and no-till methods.

AC Greenfix is the legume of choice for green manuring (or greenfallow) because of its unique drought tolerance and ability to fix high amounts of nitrogen in only eight to 10 weeks from emergence to full bloom.

In a four-year test, on-farm trials produced an average of 100 pounds per acre of total ni-trogen. In Canada, where the seed was developed, research test plots have achieved a high of 210 pounds of nitrogen per acre.

AC Greenfix can tolerate some frost; which enables growers to seed early in the spring. It also survives well during drought and heat, and it responds well to irrigation, making it suitable for a variety of climates and soil types.

AC Greenfix has great potential as a soil-improving crop and as an alternative to commercial fertilizers. A seeding rate of 70 to 80 pounds per acre is suggested for green manuring, or 50pounds per acre for seed pro-duction. Cost of seed is 50 cents collecting data for several years at multiple locations gives a producer a real picture of the value of a hybrid or variety," Greene explains.

Weigh wagon comparisons are also a good way to evaluate how new genetics are performing under local conditions and how well a variety or hybrid performs against a competing product. "Pioneer does not win every side-by-side comparison, but we use all the yield data from weigh wagon comparisons to help with future improvements in the company's seed product line,"

says Greene.

Confirming test weights of harvested corn and soybeans is another benefit of completing several weigh wagon compari-sons each year. "All hybrids and varieties do not have the same test weight," says Greene. "Making a visual evaluation on the volume or yield doesn't give a producer the complete information about a hybrid or variety. The majority of time, grain produced using Pioneer seed has a higher test weight than grain grown from competitive prodnets.'

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