# BETTER SEED FOR BETTER FEED

DAIRY VERSION

**EFFECTIVE OCTOBER 1, 1992** 



## CORN SILAGE *lenu*

FOR PENNSYLVANIA/MD/VA

MATURITY		GRAIN YIELD	FORAGE YIELD		(ENERGY)		(INTAKE)		DAIRY
DAY RANGE	HYBRID	AT 15.5% MOISTURE	70% TONNAGE MOISTURE	CRUDE PROTEIN	% DM NFC	IN VITRO WP DIGESTIBILITY	% DM NDF	IN VITRO FIBER DIGESTIBILITY	QUALITY
Early 95-100	3427	8	7	7	8	6	8	5	43
	3477	5	3	5	7	6	7	6	49
	3637	6	5	7	7	6	7	6	47
	4137	7	9	6	9	8	9	6	48
Medium 105-112	4327	9	6	6	9	9	9	9	65
	5877	7	6	9	8	8	9	5	45
	SX269	7	9	7	3	5	4	9	64
	6227	8	8	5	9	7	8	` 6	42
Med-Late 115-120	7697	8	8	4	6	6	5	6	45
	7877	9	9	7	6	7	7	8	57
	8027	8	7	7	8	9	8	8	62
	8127	8	7	9	8	9	9	9	68
Late 120-130	8177	7	9	3	9	9	9	6	46
	8527	8	9	8	8	8	8	6	48
	9027	9	8	4	8	7	8	5	38
	9197	7	9	6	6	6	6	9	66

**RATING SCALE** 

- 9-8 = Outstanding 7-6 = Above Average 5 = Average 4-3 = Below Average 2-1 = Substandard

University conducted research supported by Cargill has built the data base for the whole plant quality portion of this menu. Quality profiles were developed by the use of in Vitro Rumen Fermentation technology. In Vitro True Digestibility was used to measure whole plantenergy. In Vitro Cell Wall Digestibility was used to measure fiber digestibility and correlated to dry matter intake.



CARGILL HYBRID SEEDS

### **Brubaker Agronomic** Consulting Service, Lititz, PA

Average of 3 Corn Variety Trials

Hybrid M	loisture	Yield		
#1 Cargill 7997	24.3	174.9		
#2 Cargill 8127	23.6	174.5		

#### **QUALITY INDEX - DAIRY**

The Quality Index was designed to simplify the corn hybrid selection process from the Corn Silage Product Menu. This one index is structured to take into account the key quality criteria that could effectively reduce ration supplementation costs and influence milk production potential.

This Menu is designed to profile corn hybrids on forage & grain yield potential and key forage quality traits. Corn hybrids differ in their combination & level of fiber (NDF), digestibility, and protein content. The dairy cow has different Forage Quality requirements that are dependent on her stage of lactation.

Because of these relationships, the Quality Index was created to score each hybrid's quality potential by putting a weighted factor or emphasis on the key quality traits that would have the greatest impact on milk production & profitability. This factoring system is as follows:

QUALITY CRITERIA	HIGH LACTATING
NDF	0%
NDF DIGESTIBILITY	75%
TOTAL DIGESTIBILITY	12.5%
NFC	0%
CRUDE PROTEIN	12.5%
TOTAL	100%

#### **WINNERS IN THE 1992 NATIONAL CORN GROWERS YIELD CONTEST**

National AA Non-Irrigated Calvin Hiatt Cicero, IN 7997 3rd 247.35 bu.

#### STATE WINNERS IN THE EAST

Class	<u>Name</u>	<u>I own</u>	Hybria	<u>Place</u>	<u>Yleid</u>
A Non-Irrig.	Franklin Dill	Chestertown, Md.	. 7997	2nd	195.39 bu.
A Non-Irrig	William Beckwith	Linkwood, Md.	7997	9th	183.17 bu.
A Non-Irrig	Lamar Miller	Manheim, Pa.	7997	7th	189.12 bu.
AA Non-Irrig	David Hamilton	Lynchburg, Oh	7997	6th	224.37 bu.
No-Till Non-Irrig	J.D. Farms	Cambraidge, Md.	7997	5th	191.42 bu.
No-Till Non-Irrig	Roger Woolf Farms	Washington, NJ	7997	8th	158.55 bu.
No-Till Non-Irrig.	Lamar Miller	Manheim, Pa.	7997	7th	166.79 bu.
No-Till Irrig.	Lamar Miller	Manheim, Pa.	7997	2nd	189.47 bu.
Irrig.	Three Rivers Farms	Woodburg, Ct.	SX269	1st	162.30 bu.
irrig.	Three Rivers Farms	Woodburg, Ct.	7997	3rd	149.09 bu.

#### "For More Information. Contact These Dealers"

Jack Miller Alverton, PA

David M. Nolt Annville, PA

**Bill MacCauley** Atglen, PA

Brown & Rea Atglen, PA

Miller Equip. Co. Bechtelsville, PA

Belleville Flour Mill Belleville, PA

Ken Deitch Boiling Springs, PA

Geer Farm & **Home Supply** Brookville, PA

Dale Leman Chambersburg, PA

**Bunk Smith** Dillsburg, PA

Richard E. Keener Easter PA & NJ **Territory Office** 717-361-8048

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**Ed Byers** Enon Valley, PA Reynold Reinert Fogelsville, PA

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Indiana, PA Hoober's Mill

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Spring Run, PA Anthony's Feed Mill Strousstown, PA

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Lynn Stoner Waynesboro, PA Mason Dixon Farm Service

Waynesburg, PA Charles Zepp Glenelg, MD

Steve Shaw Williamsburg, PA Tharpe & Loreen

Churchville, MD

Roy Umbel Friendsville, MD

Reifsnider Vet Supply Keymar, MD

C.W. Brown Rising Sun, MD

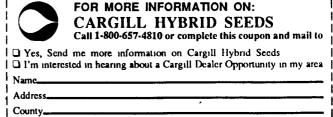
Robert Clas Sykesville, MD Louis Fischer

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Jim Beyer Upperco, MD

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