## **ABS Sire News**

Transmitting ability is one-half of each animal's Breeding Value or Genetic Merit. An animal's Breeding Value is the sum of the genetic effect of all of the genes received from both parents.

Since offspring receive a different sample of genes from each parent, transmitting ability measures the average effect of the genes transmitted by a parent to its offspring. The Breeding Value of an individual can be estimated as the sum of both parents' Transmitting Abilities or one-half of both parents' Breeding Values.

Mogens Stendal, Executive Secretary of the Danish Jersey Cattle Society, makes the following observations about TOP BRASS daughters in Denamrk:

- TOP BRASS has the highest breeding index for protein yield ever achieved by a Jersey sire in Denmark (at 93% repeatability).

The Danish Jersey breed is world renowned for protein production and takes considerable pride in the 3.94% protein average for the breed. At 93% repeatability 29 J2793 TOP BRASS has the highest breeding index for protein ever achieved by a Jersey sire in Denmark.

Genetic research clearly indicates that selection for high milk production will produce more protein than selection for high percent protein test.

**New Percentile Ranking** 

Beginning with the July 1989 sire and cow evaluations, the percentile ranking will be based on PTA protein dollars, which considers the production of milk, fat, and protein.

Two key points can be drawn from these statistics. First of all, it again demonstrates the superiority of U.S. dairy genetics as compared to the genetics available from Canada (difference = 809pounds). Secondly, it shows that the best available U.S. sired bulls are from the U.S. A.I. organizations.

Cow Longevity

Researcher, Brian Van Doormaal studied the length of time a cow stayed in its herd of origin in Canada and reached the following conclusions:

1. Milk, fat yield, protein yield, and final classification score are of equal importance in predicting the length of herd life in herds of purebred breeders.

2. Type traits had much less influence on longevity in commercial herds.

3. Mammary traits had the strongest relationship to longevity followed by feet and leg traits.

4. Stature, size, and rump traits are not good predictors of longevity.

July 1989 Calving Ease Changes

The 1989 Calving Ease Summary has arrived. 1,448 new bulls were summarized for the first time and 12,868-bulls were resummarized. The resummarized bulls had remarkable stability in their summaries. 12,613 (98%) changed by one point or less in percent difficult births. Only 255 bulls changed by more than one point and only 33 bulls changed by more than three points in comparison with the 1988 summary. All of the bulls that changed by more than 3 points had fewer than 75 calvings in their 1988 summary. Bulls with a large number of calvings changed very little in their evaluations. Dairymen can have confidence in evaluations of calving ease when a bull has an adequate number of calvings. ABS considers evaluations on less than 200 calvings to be preliminary. Calving ease ratings are obtained by statistical analysis of calving scores recorded by dairymen in ABS progeny test herds.

## **Results From Mexico**

Nesults I	Nesults FIOM MEXICO							
	Number	Average	PDM					
Category	of Bulls	Kilograms						
All bulls	638	124	273					
Bulls with U.S.								
registration number	336	302	666					
Bulls with Canadian								
registration number	117	-65	-143					
Bulls with Mexican								
registration number	185	-80	-176					
Canadian bulls with			- • •					
U.S. sire	38	-4	-9					
Mexican bulls with								
U.S. sire	113	-3	-7					
All bulls with a U.S. sir	e 487	207	456					
All bulls with a								
Canadian sire	138	-135	-298					

## Ross Appointed Interim RCMA Head

BATAVIA, NY — Ed Anna Anna served two years as

a. This is in off   An it is is in off   An it is is in off   SECTION C - THURSDAY AT 9:00 A.M. of FACH WEEK'S PUBLICATION     Y an it is is in off   Mail Box Market Ads, see instructions in Section D with Malbox Markets   SECTION C - THURSDAY AT 9:00 A.M. of FACH WEEK'S PUBLICATION     a how off   Section D with Malbox Markets   Section D with Malbox Markets   Section D with Malbox Markets     a how off   Section D with Malbox Markets   Section D with Malbox Markets   Section D with Malbox Markets     a how off   Section D with Malbox Markets   Market Add. See instructions   CLASSIFIED ADVERTISING RATES     a how off   Section D with Malbox Markets   Market Add. See instructions   Section D with Malbox Markets     a how off   Section D with Malbox Markets   Market Add. See instructions   Section D with Malbox Markets     a how off   Section D with Malbox Markets   Section D with Malbox Markets   Section D with Malbox Markets     a how off   Section D with Malbox Markets   Section D with Malbox Markets   Section D with Malbox Markets     a how off   Section D with Malbox Markets   Section D with Malbox Markets   Section D with Malbox Markets     a how off   Section D with Malbox Markets   Section D with Malbox Markets   Sectis D with Malbox Markets	PHONE HOURS. Man., Tues., Wed & Fri	MAIL TO: LANCASTER FARMIN P.O. Box 609, Ephrata, PA			LINES:- WEDNESDAT	r		4
Mon. thur Pri   and. te 5 p.m.     a number of a set label with water and the set of the se	7 s.m to 5 p.m OFFICE HOUNS:	NOTE Please do not use this fo Mail Box Market Ads, see instr	orm for OF EAC	C - THURS	DAY AT 9:0		,	
e following categories   Name	Mon thru Fri	III SECTOR D With Memory Mariante III	8	٢				~~~~~~
a statistic styring   Address		U Name		}				
Section C Desitions     City	e following categories re available for your	J ,			23' per word per week - 3 or more times			
th werk's publication   2/9Phone ()   up to 11   3.19   6.38   7.59     time Equipment Construction Equipment is and Unloaders uiting and Supples test Equipment if gequipment if gequipment	Section C Deadline-	City	State	- 1	Manuala			
The Equipment improves a work of a set wanted inserver in a Set Wanted inserver	nsday morning at 9 er In week's publication	ZipPhor	ne()	- 1				
anstruction Equipment   Please publish myword adtimes   13   3.77   7.54   8.97     se and Unleaders   starting with thelssue. Classify under   14   4.06   8.12   9.66     ining categories   #i i enclose   15   4.35   8.70   10.35     ining categories   #i enclose   16   4.64   9.28   11.04     Box Replies: Ads with answers coming to a box   17   4.93   9.86   11.73     number, col Lancester Farming: \$150 per ad per   18   5.22   10.44   12 42     week additional   This newspaper will not be responsible tor more than   19   551   11 02   13   14   15     ore incorrect insertion of any advertisement   1   2   3   4   5     week a publication   6   7   8   9   10   10   13   14   15     ore 3 Seet   Gate 4   Seetes   10   2   3   4   5     itile   11   12   13   14   15   16   16   17   18   9 <td< td=""><td>rm Equipment</td><td><b>1</b></td><td></td><td>. 1</td><td></td><td>÷</td><td></td><td></td></td<>	rm Equipment	<b>1</b>		. 1		÷		
itiding and Supplies   #	onstruction Equipment			· ,				
in Equipment ry Equipment ry Equipment ry Equipment ry Equipment ry Equipment ry Equipment restores of the service inter a Dadeline- tered particular of the service inter a Dadeline- rest Additional This newspaper will not be responsible for more than one incorrect insertion of any advertisement   10   4.64   9.28   11.04     Box Repiles: Ads with answers coming to a box number, C/O Lancaster Farming: \$150 per ad per week additional This newspaper will not be responsible for more than one incorrect insertion of any advertisement   17   4.93   9.86   11.73     Itels 0.0000   This newspaper will not be responsible for more than one incorrect insertion of any advertisement   19   5.51   11.02   13.11     Itels 0.0000   Equipment iterse A Mulas resp & Gasta ine difficient for eduing of a Seed thise of Seed the seeded thises Oppenentifies atom Work is a sationas Oppentifies atom Work is a sationas Opperintifies unstead wides a Seeder iterse 1005 Vehicles tos   10   13   14   15     20   21   22   23   24   25     21   22   23   24   25     10   26   27   28   29   30     11   12   13   34   35     21   22   23   24   25     22   23   24   25   30 <td>s and Unleaders</td> <td>_</td> <td></td> <td>nder [</td> <td></td> <td></td> <td></td> <td></td>	s and Unleaders	_		nder [				
Tellewing categories Box Repiles: Ads with answers coming to a box number, c/o Lancaster Farming: \$1 50 per ad per week additional 17 4.93 9.85 11.73   This newspaper will not be responsible for more than one incorrect insertion of any advertisement 18 5.22 10.44 12 42   Seate Additional This newspaper will not be responsible for more than one incorrect insertion of any advertisement 19 5.51 11 02 13.11   20 5.80 11 60 13.80   week a publication 1 2 3 4 5   ine 1 2 3 4 5   ine 1 2 3 4 5   ine 1 1 1 10 13.80   ine 1 2 3 4 5   ine 1 1 1 10 13.80   ine 1 1 1 1 10 13.80   ine 1 1 1 1 10 10   ine 1 1 1 1 10 10   ine 1 12 13 14 15   ine 1 12 13 14 15   ine	aln Equipment	📕 # I enclose	<sup>•</sup>	}				
teliewing categories a valiable in yeur aliee adverting in bille adverting in bille adverting in creations at 5 the week a failure at the series on sible for more than one incorrect insertion of any advertisement in the search Equipment is a search Equipment is a	ry Equipment	8 -		1				
e available in yeur milie advertising in totion B Destiting in totion B Destition of any advertisement 19 551 11 02 13.11 20 5.80 11 60 13.80 10 13.80 10 16 13.80 10 16 13.80 10 16 13.80 10 13.80 10 13.80 10 13.80 10 13.80 10 13.80 10 14 5 10 10 13.80 10 13.80 10 13.80 10 13.80 10 14 5 10 10 13.80 10 10 13.80 10 13.80 10 13.80 10 10 13.80 10 10 13.80 10 13.80 10 13.80 10 13.80 10 10 13.80 10 13.80 10 13.80 10 13.80 10 13.80 10 13.80 10 13.80 10 13.80 10 13.80 10 10 13.80 10 10 13.80 10 13.80 10 10 13.80 10 13.80 10 10 13.80 10 10 10 13.80 10 10 10 10 13.80 10 10 10 10 10 10 10 10 10 10 10 10 10 1								
alited advertising in this newspaper will not be responsible for more than one incorrect insertion of any advertisement   1 02 13.11     cesses a sublication of any advertisement   20 5.80 11 60 13.80     ine incorrect insertion of any advertisement   20 5.80 11 60 13.80     ine incorrect insertion of any advertisement   20 5.80 11 60 13.80     ine incorrect insertion of any advertisement   20 5.80 11 60 13.80     ine incorrect insertion of any advertisement   20 5.80 11 60 13.80     ine incorrect insertion of any advertisement   1 0 0 13.80     ine incorrect insertion of any advertisement   1 0 0 13.80     ine incorrect insertion of any advertisement   1 0 0 13.80     ine incorrect insertion of any advertisement   1 0 0 13.80     ine incorrect insertion of any advertisement   1 0 0 10 0 10 0 10 0 0 10 0 0 0 0 0 0 0	tellewing categories		ning: \$1 50 per ad pe	₫ <u></u>				
science is baseline- seador attances at 5     ine     i	silied advertising in (		a responsible for more	wan }				
tities A Muse seep & Gasta mine mine titie Breeding g E e & Supplies of a Seed titikizer ants ants	nesday atternoon at 5 ch week a publication	one incorrect insertion of a	iny advertisement	L	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			13.00
seep & Gesta 1 2 3 4 5   wine ifficial Breeding 9 10 10   y Eq & Supplies 6 7 8 9 10   wine difficial Breeding 11 12 13 14 15   wine difficial Breeding 16 17 18 19 20   wine difficial Breeding 16 17 18 19 20   wine difficial Breeding 21 22 23 24 25   wine difficial Breeding 26 27 28 29 30   winde 31 32 33 34 35   winds 31 32 33 34 35	itte	8 *						
Arie Milicial Breeding g Ge & Supplies ed & Seed ritiker ants uits & Vegetables stragery win & Garden rycles Othered Salene Operantities Surderid Unational Wanki tuational Wanki stragery strag	wasa & Mulas wasa & Gesta	1	2	<u>-</u> 3	-	4	-	5
g Ee 6 Supplies 6 7 8 9 10   ed 8 Seed 11 12 13 14 15   inits A Vegitables 11 12 13 14 15   vram 6 17 18 19 20   inits A Vegitables 16 17 18 19 20   vrotes Otherad 16 17 18 19 20   isone Work 21 22 23 24 25   isones Oppertunities 31 32 33 34 35   istice 31 32 33 34 35   iscelerations works & Traters 36 37 38 39 40	the I	Ē •						
ritikizer ante ante tigery win 6 Garden typery win 6 Garden 11 12 13 14 15 15 15 16 17 18 19 20 20 20 20 20 20 20 20 20 20	tificial areaaing og Eq. & Supplies	· · ·				- <u> </u>	-	- 10
ritikizer ante ante tigery win 6 Garden typery win 6 Garden 11 12 13 14 15 15 15 16 17 18 19 20 20 20 20 20 20 20 20 20 20	ultry & Supplies		,	۰ - T		-		••
uits & Vegetables very very very veries Offersed tustiens Wanted tustiens Wanted tus	rtHizer				_	14		
Artery very source of the second seco	anis uite & Vegetables (	11	12	13	*	14		15
rvices Offense stem Work i je Wented useheid te Wented useheid te Wented useheid te Wented useheid te Wented te Wenter te Wenter te Wented te Wented t	really -	<u>_</u>						_
ip Wented use Section of Wenters Use Section of Wenters Use Section of Wenters Use Section of Wenters Sectio	rvices Olfereil 🛛 🗋	16	17	18	1	19		20
juliens Wanted siness Opperfundles useheid at und mputers tide sedianacus sedianac	stem Work	<b>H</b>						
useheid is 26 27 28 29 30 und inputers is 31 32 33 34 35 resellandous resellandous tos versiones tos 32 38 39 40	uations Wanted	21	22	23		24		25
is 26 27 28 29 30 in mputers like 31 32 33 34 35 resultant vehicles constraints for a section of the section of	siness Opportunities	8						
mpulers lice 31 32 33 34 35 sediansous cestionst Vehicles tos 4 Traiters 36 37 38 39 40	5		27	28	2	29		30 .
mputers lice 31 32 33 34 35 cesilinatous 31 32 33 34 35 resultant Vehicies tos a Traiters 36 37 38 39 40	un <b>d</b>		•7			•		
sectionators 31 32 33 55 55 55 55 55 55 55 55 55 55 55 55	mputers				-			~
los (cis 4 Trailers 36 37 38 39 40	scellaneous	31	32	33		34		35
ucks & Trallers 💻 36 37 38 39 40		<u> </u>				-		
(Phone Numbers Count As One Word)	unite & Traillans	36		38	,			40



resigned from the position of executive director and general manager of the Regional Cooperative Marketing Agency (RCMA), effective August 11, 1989. Carmen L. Ross was appointed interim executive director by RCMA's Board of Directors during the board's August meeting.

Ross brings 31 years of experience in the dairy industry to the director's position. He formerly was employed with the New York-New Jersey Market Administrator's Office, where he was chief auditor in charge of audit progarms and enforcement. RCMA's director during the formative period when RCMA expanded. He cited personal reasons for his resignation.

RCMA now serves 22,000 dairy farmers in 11 Northeastern states. RCMA collects, from the marketplace, a Class 1 fluid milk differential over the minimum Class 1 price set by the government, and RCMA returns this money in the form of "over-order premiums" to all its farmer-members. For the period from September 1987 through May 1989, RCMA has paid ou \$66 million to its member farmers.

\* FULL LINE PARTS DEPARTMENT \* WE SELF, SERVICE & INSTALL E/HERR EQUIPMENT, INC. 14 Herrville Rd., Willow Street, PA 17584 Phone 717-464-3321 or Toll Free: 800-732 0053 826

