

Top Lancaster DHIA Cows By Protein For November

(Continued From Last Week)

DAVID R STOLTZFUS	GR-H	8-0	28,114	849	785	JOHN B GROFF	RH	3-0	27,862	826	882
175	GR-H	5-3	29,105	829	895	ELLA	RH	5-4	26,930	809	1000
CRISSI						LIZZIE					
LEROY H. HOOVER						AARON R ZEISET	RH	3-11	24,690	826	1021
FANNY	GR-H	7-1	28,612	849	900	17					
HAROLD & LOWELL BRUBAKER						HERBERT H BENNER	RH	5-0	27,997	825	984
TAHARA RH	4-3	25,740	848	910		PEACH					
MARVIN Z WEAVER						DALE L ZIMMERMAN	RH	6-2	24,609	824	986
28	RH	4-10	25,449	847	890	DUTCHS					
19	RH	5-1	24,213	770	856	PHILIP L LISA RISSER	GR-H	3-2	23,653	823	887
EZRA Z HORST						126					
115	GR-H	3-1	23,500	846	901	VERNON W HEISEY	RH	3-7	27,802	823	872
46	GR-H	5-1	22,050	801	861	SANDY					
PHILIP G CROUSE						1	GR-H	4-9	24,201	782	870
JUPITE	RH	4-0	25,317	843	855	SAMUEL F LONG					
DELLA	RH	4-11	28,460	804	759	MARGIE RH	3-1	27,827	822	799	
ARDIE	RH	3-3	25,970	778	782	ROBERT L & LINDA SENSENIG					
HARVEY W STOLTZFUS						22	RH	7-6	25,294	822	965
67 D	GR-H	7-1	27,622	843	882	40	RH	4-11	27,080	819	818
MATILDO	RH	5-7	27,475	811	1096	21	GR-H	3-6	23,090	782	920
LESTER W GEHMAN JR						ST U POINT DAIRY					
104	RH	3-4	24,809	843	917	113	GR-H	3-3	25,228	822	862
E RICHARD BRUCKHART						NOLA	RH	5-6	26,407	818	891
CUCKCO	RH	5-10	26,623	840	903	LEONARD H N MARTIN					
SPEMIN	RH	4-4	26,271	829	797	THUNDE	GR-H	3-11	26,999	821	933
SCOOTE	RH	4-3	27,489	788	749	TRIPPE	GR-H	4-8	26,057	787	970
BO PEE	RH	4-3	24,869	775	945	VIRGIE	GR-H	7-5	24,224	779	996
DARYL + SU MARTIN						ABNER K KING					
452	GR-H	3-3	25,614	836	926	DIAMON	GR-H	5-6	26,211	820	920
441	GR-H	3-5	24,739	778	943	ROBERT D HARNISH					
EDWARD S SENSENICH						TONI	GR-H	4-7	25,174	820	898
90	GR-H	4-1	25,976	835	1062	127	GR-H	8-0	25,145	786	901
153	GR-H	4-3	25,515	822	1028	EZRA Z BURKHOLDER					
WALNUT RUN FARM						12	GR-H	4-2	27,082	819	808
859	GR-H	5-7	29,167	834	1111	43	GR-H	3-2	26,931	809	835
89	GR-H	2-11	26,214	825	1042	1	GR-H	3-6	22,121	775	895
74	RH	3-2	25,833	814	804	CHRIST K STOLTZFUS					
S & A KREIDER & SONS						HOLLY	GR-H	5-6	26,569	819	1070
145	GR-H	5-3	25,571	832	721	ROY E SENSENIG					
DONALD B TRIMBLE						34	RH 4-1	24,385	817	901	
ADORN		3-2	23,300	832	1009	74	RH	2-9	25,485	773	949
JUNE		4-2	23,310	776	1056	AMOS S ZOOK					
CLAIR R LANDIS						NARY	GR-H	6-5	26,454	817	839
EMILY	GR-H	5-4	27,129	832	544	NILLIE	RH	5-2	23,949	772	951
SHADYTOP FARMS						NELSON R. WISE					
ALETA	RH	7-5	25,278	829	832	KELLY	RH	6-7	26,261	815	903
ALDORA	RH	7-5	22,791	789	884	P ROBERT WENGER					
KARL W HERR						DELISE	RH	8-8	25,272	815	875
103	GR-H	4-3	25,070	829	1011	CHRIST F BEILER					
JOYCE		8-2	23,361	823	1092	HONDA	GR-H	4-4	24,737	815	754
HARRY H RANCK JR						JOHN J SPEICHER					
JANICE	RH	8-8	27,198	828	929	NELSON W NOLT	GR-H	5-7	26,346	813	1043
ROHRER BROTHERS						40	RH	3-6	27,321	811	897
BETTY	RH	3-11	27,129	828	908	ABRAHAM SHELLY JR					
BERTHA	RH	6-3	24,657	805	953	BUFFY	RH	3-1	23,184	811	757
GORDON & CAROLE HOOVER						DUMBO	RH	3-0	25,497	792	727
83	GR-H	3-0	27,386	828	926	NUVIN J ZOOK					
DAVID J. KULP						RITA	RH	7-3	26,780	810	1030
29	RH	3-4	25,534	827	920	MUSIC	RH	6-10	25,978	805	800
JOHN G GOOD											
JANET	RH	3-2	27,011	827	926						

Check Your Sprayer Tune-Up Knowledge

EPHRATA (Lancaster Co.) — We're quickly approaching Sprayer Tune-Up Week, Feb. 21-24. Are you ready to perform the pre-season maintenance and calibration that is so vital to getting the most out of your investment in crop protection chemicals?

A tune-up and calibration is time well spent, according to Dr. Stephen Pearson, technical services manager for Spraying Systems Co., maker of TeeJet® spray products and sponsor of Sprayer Tune-Up Week, now in its fifth year.

"A few hours spent now tuning up your sprayer pays big dividends," Pearson said. "By calibrating your sprayer and ensuring accurate application rates many applicators can save as much as \$5 per acre on each chemical they apply."

Sprayer Tune-Up Week is also the ideal time to do those sprayer maintenance chores that will help prevent frustrating breakdowns later, Pearson said. It's a good time to upgrade your equipment and add convenience and safety. For exam-

ple, a sprayer control kit makes it easy to precisely control boom sections from the cab. Or triple nozzle bodies, which hold up to three tips, allow them to be switched in the field with just a turn of the wrist.

Before you head out to the machine shed though, check your sprayer tune-up knowledge. If the answers surprise you, see your local equipment dealer, Extension agent or vo-ag teacher for information on sprayer tune-up techniques.

1. On average, what percent of farmers over-apply crop protection chemicals by more than five percent of the intended rate?

a. 2% b. 5% c. 10% d. 25%

2. How long does a thorough sprayer calibration take?

a. 1/2 hour b. 1 hour c. 4 hours d. 1 day

3. How many times should sprayers be calibrated each year?

a. 1 time b. 2-3 times c. 5-6 times d. 8-12 times

4. When should worn or damaged tips be changed?

a. when the day's spraying is com-

pleted

b. immediately

c. when the spraying season is over

d. when time allows

5. What's the best way to determine whether a nozzle is worn?

a. calibrate the sprayer

b. look at the nozzle

c. insert a wire to check opening size

d. none of the above

6. Calibration includes

a. checking tractor speed

b. calculating nozzle flow rate

c. adjusting pressure

d. all of the above

7. Chemical containers must be pressure rinsed for 30 seconds or rinsed _____ time(s) before disposal.

a. 1 b. 2 c. 3 d. 4

8. When spray nozzles wear out,

a. over-application occurs

b. patterns become uneven and spray coverage is poor

c. potential for chemical waste, crop burn and environmental risks increase

d. all of the above

9. Spray distributed in _____ is more likely to drift.

a. a stream

b. large droplets

c. a fine mist

d. none of the above

10. To double sprayer output, you must increase pressure _____ time(s).

a. 1 b. 2 c. 3 d. 4

(Answers: 1-d, 2-b, 3-b, 4-b, 5-a, 6-

d, 7-c, 8-d, 9-c, 10- d)

