

Top Crawford DHIA Cows By Protein For June 1994

The top producing cows by protein in Crawford DHIA for June are as follows:

OWNER - COW'S NAME	BREED	AGE	DAYS	MILK	PROT	PROTEIN	FAT	FAT									
MORRELL FARMS									CLEON LIVINGSTON								
TABBY	RH	7-10	305	28,544	3.4	970	3.8	1098	13	GR-H	4-9	305	22,876	3.6	822	3.6	819
TIDY	RH	6-11	305	31,197	3.0	948	4.1	1266	5	GR-H	3-1	305	23,964	3.4	813	3.7	896
BERYL	RH	3-7	305	25,814	3.1	800	4.0	1028	DENNIS B HALFAST								
LEIGH	RH	4-5	305	24,218	3.2	780	3.9	942	MOLLY	RH	4-5	305	25,970	3.2	820	3.9	1010
ROXANN	RH	4-5	305	22,015	3.5	773	3.8	836	DAZZLE	RH	3-9	305	22,466	3.6	808	4.0	907
JEFFREY RANEY									DEDE	RH	4-2	305	24,942	3.1	784	3.6	904
ANGELA	RH	4-1	305	29,731	3.3	970	3.1	930	BRYAN R MC CURDY								
RYND HOME FARMS									ANGEL	RH	9-8	305	26,955	3.0	813	4.0	1069
LAD	RH	4-0	305	25,288	3.4	850	4.2	1055	HART FARM								
ALISA	RH	3-4	296	22,034	3.6	789	4.1	911	58	RH	4-3	305	26,164	3.0	798	3.6	948
LINDY	RH	8-3	305	24,206	3.2	780	4.0	964	JAMES CUSTEAD								
RONALD KALINOWSKI									JUBILE	RH	6-9	305	25,933	3.0	788	3.1	794
RACHAE	RH	4-2	305	26,913	3.1	828	3.9	1045	CLARK S DUNCAN								
HANDY	GR-H	2-11	304	26,643	3.0	805	3.1	822	FIGID	GR-H	4-11	289	24,823	3.2	787	3.2	794
									ORANGE BUCKET LPPINC								
									14	RH	3-1	305	20,892	3.7	775	4.5	932

Learn Causes Of Poor Plant Health

UNIVERSITY PARK (Centre Co.) — If you have bad luck growing garden or landscape plants, you may think you simply lack the proverbial "green thumb."

But if you know the causes of poor plant health, you can take steps to avoid or correct them, said an expert in Penn State's College of Agricultural Sciences.

"Diseases are only one cause of poor plant growth, said Dr. Gary Moorman, associate professor of plant pathology. "When diagnosing plant problems, all the possible causes of poor or abnormal

growth must be considered." Several factors can cause poor seed germination. "If you don't get good seed emergence, soil conditions may be too wet or too dry, or temperatures may be too hot or cold," said Moorman.

"When temperature and moisture are good, poor germination can result from soil compaction, planting at the wrong depth, applying too much fertilizer close to the seed, or planting old seed.

"If seedlings emerge and appear normal but don't grow, this may be caused by inadequate light, insufficient nutrients or cool tem-

peratures," Moorman said. "Swollen, twisted or distorted seedlings may be the result of mite feeding injury or herbicides in the soil. Excessive fertilizer or pesticide spraying can cause leaf tip burn."

With established plants, some conditions can cause a variety of symptoms, said Moorman. "For instance, low fertility or a nutrient deficiency can cause leaves to grow poorly, become brittle, turn yellow or display a mosaic pattern of light and dark green."

Symptoms of overfertilization include yellow, wilted or fallen leaves, dead leaf tips and margins,

dead stem tips, and limp, dark-colored roots.

Some plant health problems can result from the use of pesticides. "Sometimes our efforts to protect plants from pests actually harm the plants," said Moorman. "It's important to apply pesticides properly, for the plant's health and your own."

Some signs of pesticide injury are dead or yellow spots or flecks on leaves, a mosaic pattern of dark and light green on leaves, dead leaf tips or margins, fallen leaves, and dead stem tips.

"Be sure that the pesticide

you're using is intended for the plants and pests you're dealing with," Moorman said. "And always read and follow all directions and safety precautions on the label."

Proper amounts of water also are important to plant health. Overwatering can cause yellow, wilted or fallen leaves, rotted stems at the soil line and limp, and dark-colored roots. Underwatering may lead to dead leaf tips and margins, wilted leaves, and dead stem tips.

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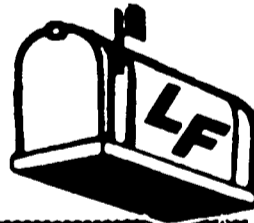
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