

afimilk (阿菲金)來自以色列的乳牛數據管理分 析專家,於1977年開始投入數據化管理軟體及數 據收集硬體的開發,為全世界第一家投入資訊化 數據化管理乳牛牧場的先驅,現今於全球六十餘 國的客戶在使用afimilk的設備及軟體。



afimilk

afilab 在線即時乳成份分析儀(魔盒) 優勢 •安裝於擠乳室 •無需增大擠乳機真空泵尺寸 •無需採樣 •牛奶流動無障礙 •內部無耗材,無需添加濟 •自動校正 •全群及個體化數據收集 •異常狀態警報提醒(早期發現,早期處治,降低損失) •血乳,中止擠乳 •高、低品質生乳分流	afilab 在線即時乳成份分析儀(魔盒) 收集數據內容 乳脂 乳蛋白 乳糖 總圖形物 尿素 血乳 體細胞,其中體細胞又可分成四個階層 a. 體細胞<20萬/毫升 b. 體細胞在20萬-40萬/毫升 c. 體細胞在40萬-80萬/毫升 d. 體細胞> 80萬/毫升
In ^A line	In A line
milk lab Integrated milking point analysis & control afimilk 5	milk lab Integrated milking point analysis & control afimilk 6





Improved Health 改善健康









	Detectio 酮症偵測 - Shortcuts × Standard	or	1 of 乳脂/∛ ≧ Sus	Keto 蛋白質 pected	SIS - 比例 Ketosi	- Fa	at to	0 Pr s' (for	ote	in R	atio 7 23/05/2016 12:01:32)
	Act II		Save 📲 Save As				🗠 Design 🕼 Refresh 😰				2
	AfiLab							Fa	at/Prote	in	Cows to
			Index	Cow	Lact.	Grp.	DIM	1	2	2	
		П	1	5931	1	2	19	1.41	1.44	1.43	Treat
	component		2	5961	1	3	1	2.09	1.70	1.74	incut
	(m.t) Graph vs Afilab Suspected Ketosis 'Red cows' (for treatment)		Avg.	-			10	1.75	1.57	1.58	afinulk
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Mastitis Detection Report 乳房炎偵測報表 sign 🗊 Ref Gip. DIM Lact. Daily Daily no. yield yield Prod. Bate<2> 1 2 3 1 2 3 4 102.7 1 45.0 5 113.5 1 63.5 1 23.7 3 128.3 1 13.5 1 23.7 3 128.3 1 13.5 1 59.1 1 24.9 1 11.2 1 57.1 3 64.3 2 30.9 2 115.1 5 47.0 4 111.7 3 31.8 3 12.9 -15 70 -16 51 16 51 -8 43 -87 -21 -97 -21 -1 5 -76 -91 -10 -35 -37 68 -41 44 -36 -10 -36 -41 -36 -51 -37 68 -41 44 -36 -42 -37 10 -32 42 -15 117 -39 -16 -14 -9 -14 -7 -2 -2 -14 -2 -2 -2 -14 -2 -2 -2 -14 -2 -2 -2 -14 -2 -17 137 -33 39 10 1 8 13 -52 196 -23 -23 -23 -23 -23 -77 5 -11 -17 -35 15 -17 33 -3 18 15 17 15 18 15 15 21 15 221 16 222 17 25 16 20 17 25 18 27 19 45 19 62 20 67 20 67 21 225 21 226 21 236 21 236 21 344 21 364 21 364 7 4 3 8 2 3 8 106 14 10 2 3 1 15 9 1 6 2 1 8 1 0 34616 28601 35188 35408 2770 35157 35905 35945 35945 35945 3545 5220 4580 14325 5220 4580 10859 14992 1436 8920 19 .4 9 21 -10 -19 18 3 10 32 24 13 13 13 13 13 13 14 -1 17 16 13 34 -1 17 16 10 30 18 19 0 19 1 18 21 5 38 12 13 38 8 18 -3 30 35 6 9 7 6 12 57 -2 27 0 16 -4 4 6 -4 -4 -4 0 23 0 -44 1 -16 8 -13 -17 -10 -6 -35 100 -12 100 400 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 -14 9 4 1 -5 39 25 26 10 24 18 3 31.8 3 132.9 4 97.8 1 74.8 1 30.3 1 88.6 1 41.0 1 06.4 1 37.2 1 39.6 100 100 21 -5 1 -2 -4 5 34808 20 13 19 6 20 20 25 9 35023 33553 33567 7918 6726 In d line milk lab afimilk 18







Efficient Nutrition 有效的營養

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The immediate effect on milk solids concentration enables early detection of nutrition deficits and reduced feed quality 乳固體濃度的即時偵測,能夠及早發現營養的不足或餵飼品質的下降

afimilk 21

In습line milk lab Integrated milking point analysis & contro















Group 7 - High Percentage Of Cows With Low Fat 第7組 - 低脂肪泌乳牛的比例很高 Suspected Sub-acute Acidosis by Group (2012/12/04 02:27:23) Save Save Acute Design 안 Refresh ?						
	EFFICIENT NUTRITION 有效的營養 Precise feeding management for reducing feed costs 精確的銀飼管理,降低飼料成本。 • Measuring milk fat and protein production, AfiLab allows for accurate planning of feeding regimes and identifies the effects of any change in feed 值測乳脂和蛋白質的產量, AfiLab魔盒讓您能夠規劃精準 且有效的銀飼方案, 並時時監測任何變化的影響。					
In dime milk lab Integrated milking point analysis & control afimilk 29	In A line milk lab Integrated milking point analysis & control afimilk 30					







In-line Milk Lab - Alternatives Comparison 線上牛奶實驗室 - 替代比較					
Topic 項目	Standard 一般檢測	In-line Milk Lab 魔金檢測			
Ketosis detection 酮症偵測	Cow-side test 至牛隻旁邊	Real time indications enable better control of energy balance status, allowing for higher milk production, better fertility and lower involuntary culling 及時偵測功能可以使能量平衡狀態控制得更好, 並提高奶量、繁殖率, 減少非自願性的淘汰。			
Fresh cow's monitoring 新產牛隻監控	None 無	Detection of common postpartum metabolic and infectious disorders 偵測產後的新陳代謝及傳染性疾病			
Sub-Acute Ruminal Acidosis (SARA) detection	None 無	Detection on a group level for preventing production losses, and allowing feed correction及時偵測組別平均值,防止奶量損失,並可立即做飼糧的調整。			
Mastitis detection 乳房炎	Cow-side test 至牛隻旁邊	Early detection and prompt treatment may prevent most damage 早期檢測和及時治療可以預防大多數傷害			
Heath issues alerts 健康狀況警報	Limited 有限	Allows to focus on unhealthy cows only, saving expensive treatment costs 可專注於不健康的奶牛,節省昂貴的治療費用。			
Milk quality乳品質	Milk lab tests 實驗室	Alerting for system cleaning issue, enabling prompt and effective response 提醒擠乳系統清潔問題,以致快速有效的立即處理。			

