

KPI name	Fixed or Relative	Red Zone	Yellow Zone	Green Zone	Notes
Number of Refusals	Fixed	< 1		> 1	Milkings+ refusals =>4.0 1-2 desired range
Number of Failures	Fixed	> 5	3-5	< 3	
Number of Milkings/Cow/Day	Fixed	< 2.5		> 2.6	
Number of Connection Attempts	Fixed	> 1.3		< 1.3	
Total Amount of Milk Produced	Relative	< Negative 5% (ex. -15%)	Negative 2-5% (ex. -3%)	> Negative 2% or positive (ex. -1% or positive 2%)	
Milk Production/Cow/Day	Relative	< Negative 5%	Negative 2-5%	> Negative 2% or positive	
Number of Visits	Relative	< Negative 5%		> Negative 5% to positive	
Milkspeed	Relative	< Negative 5%		> Negative 5% to positive	
Amount of Milk Separated	Relative	> 5%		< 5%	
Number of Cows Milk Separation	Relative	> 5%		< 5%	
Kg Concentrates Fed	Relative	< Negative 5%		> Negative 5% to positive	

Rest Feed %	Relative	> 10%		< 5%	Below 8% acceptable below 5% ideal
Lb Concentrates per 100 Lb Milk	Relative				10-14 lb/CWT ideal
Average Boxtime / Visit	Relative	> 5%		< 5%	
Average Fat Indication	Relative	< Negative 5% (ex. -15%)	Negative 2-5% (ex. -3%)	> Negative 2% or positive (ex. -1% or positive 2%)	
Average Protein Indication	Relative	< Negative 5% (ex. -15%)	Negative 2-5% (ex. -3%)	> Negative 2% or positive (ex. -1% or positive 2%)	
Average Fat/Protein Ratio	Relative	< Negative 5% (ex. -15%)	Negative 2-5% (ex. -3%)	> Negative 2% or positive (ex. -1% or positive 2%)	1.25
Free Time %	Relative	< Negative 25% (ex. -30%)	Negative 10-20% (ex. -15%)	> Negative 10% (ex. -5%)	10-15% ideal
Treatment time	Relative			< 3 minutes	Time from when robot recognizes the cow to teat cup attachment. Includes pre and post
Feed Efficiency	Relative	< Negative 10% (ex. -12%)		> Negative 10% (ex. -3%)	
Total Eating Minutes	Relative	> 15%	10-15%	< 10%	

Milk Production Energy Corrected	Relative	< Negative 5% (ex. -7%)	Negative 2-5% (ex. -3%)	> Negative 2% or positive (ex. -1.5% or positive 1%)	
Rumination Activity Lactating Cows	Relative			450-575	Farm specific
Rumination Activity Lactating Cows Deviation	Relative	> 15%	10-15%	< 10%	
KPI NOT on Horizon Dashboard- They are On the Farm Scan, and milk optimization report					
Short interval low yield				<3%	
Long Interval high yield				<8%	
Irregular Interval				10% goal	
Take off reason end of milk flow				>90%	

