

EFFECT OF CELL-RATE™ ON SEMEN MOTILITY

The following trial was conducted with a well known and respected breeding facility in Brighton, Colorado (White Harvest Farms). The supervisor of the trial was the owner of the facility (Karen Banister). The purpose of the trial was to improve the semen motility of a 21-year old multi-World Champion horse (Sacred Indian). White Harvest Farms was concerned with Sacred Indian's motility as it continued to decrease with his age. In 2005, Sacred Indian was 20 years old and was beginning to have a drop off in motility. His motility ranged from 60 to 70%. White Harvest Farms felt that 2005 may have been their last year collecting Sacred Indian due to his decrease in volume and motility.

The numbers below compare semen motility from 2005 to 2006 of Sacred Indian. CELL-RATE™ was included in the subject's diet on February 1st at 10 grams/per hd/day. The following data was provided by the Equine Sciences Program at Colorado State University.

Date	Volume (ml)	Concentration (million)	Total Motility (%)
NO CELL-RATE™ <i>Sacred Indian 20 years old</i>			
2/11/2005	5	572	60
2/12/2005	8	881	70
2/13/2005	10	513	70
2/18/2005	33	218	70
2/19/2005	22	178	70
2/1/2006 CELL-RATE™ added <i>Sacred Indian 21 years old</i>			
3/9/2006	80	187	75
3/15/2006	35	342	75
3/17/2006	35	287	75
3/19/2006	40	177	75
3/22/2006	35	208	75
3/24/2006	10	318	75
3/31/2006	70	207	75
4/10/2006	75	133	75

Results

In 2006 Sacred Indian was 21 years old but despite the increase in age he saw an increase in motility from 2005. You will also notice a dramatic increase in volume in 2006 as well.