



Facing Heat Stress

HEAT STRESS HAS NEGATIVE EFFECTS ON RUMEN EFFICIENCY:

- Less DM intake
- Reduced rumination time
- Decreased ruminal pH

NEGATIVE OUTCOME FROM DAIRY COWS:

- Decrease milk production and quality
- Extra sanitary cost

DAIRY COW COMFORT ZONE IS BETWEEN 5 AND 25°C

MUCL™ 39885

Biosprint®



BIOSPRINT® preserves ruminants from heat stress damages.



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MUCL™ 39885

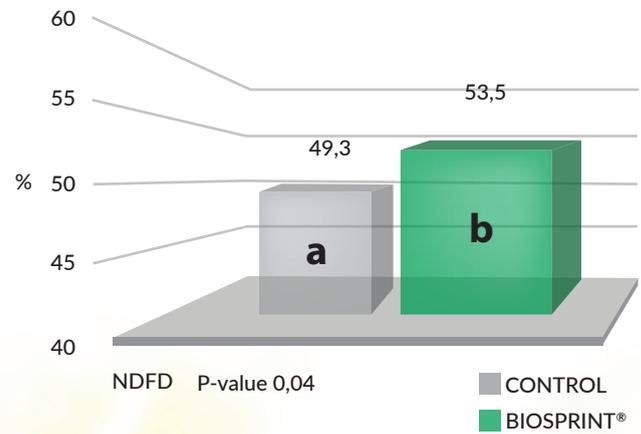
Biosprint®



WHEN AND WHY?

	CONTROL	BIOSPRINT®
DMI (kg / day)	22,84	22,52
MILK YIELD (kg / day)	35,56	35,67
Fat (%)	3,02 ^a	3,81 ^b
ECM (kg / day)	27,82	28,91
FCR (ECM / DMI)	1,22	1,28

In vivo trial: summer 2012 University of Tehran, Iran



SUMMER SEASON

PROLONGED HEAT STRESS

ECM + 1,1 KG/DAY

Biosprint®

- ▶ Improves feed efficiency
- ▶ Helps to decrease lameness and mastitis
- ▶ Supports milk yield and quality

Dosage:

- ▶ In standard condition → 3,5 g/head/day
- ▶ Heat Stress → 6 g/head/day

“ Trial results:

In prolonged heat stress condition, Biosprint® helps to maintain DMI, improves FCR, promotes NDF digestibility and boosts milk yield and quality.

**Biosprint® mucl 39885,
EFFECTIVE WHEN NEEDED**

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