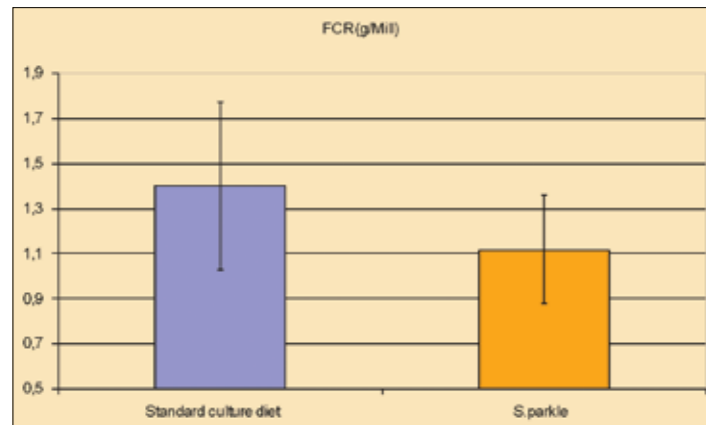


ECONOMIC

S.parkle is cost-effective. Only 1,1 g of S.parkle is necessary to produce 1 million rotifers against 1,4 g of a standard culture diet.



TYPICAL COMPOSITION

Moisture	5%
Crude protein	39%
Crude ash	5%
Crude lipids	12%
Crude fiber	1%
Phosphorus	1%
Vit.A	500.000 IU/kg
Vit.D3	50.000 IU/kg
Vit.E	3.600 mg/kg
Vit.C	4.000 mg/kg
Antioxidants	Ethoxyquin, BHA, propylgallate
Σω3HUFA	17 mg/g dwt
DHA/EPA	3

PACKAGING & STORAGE

Selco® S.parkle is available in 4 x 2,5 kg alufoils.

S.parkle has a shelf life of 12 months from date of manufacture. The product should be stored in a cool, dry place (max. 10°C). Once opened, it should be used within one month, kept well closed and stored in a refrigerator. Do not freeze.



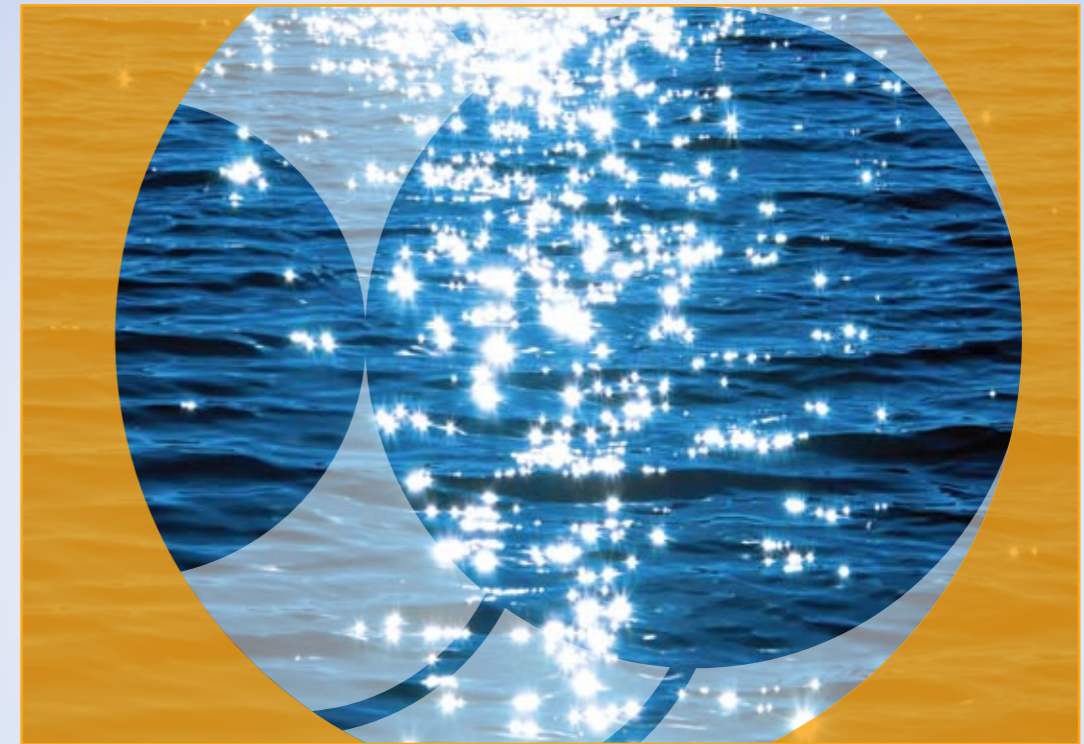
For more information, please contact your local INVE Service Center or visit us at www.inve.com



TC-EU-S-01-0409

S.parkle

A NATURAL CULTURE DIET
FOR A SPARKLING, CONSISTENT AND PERFORMANT ROTIFER CULTURE



CLEAN

S.parkle has an optimal behaviour in the culture tank, the surface is sparkling clean, without foam or flock formation, for a constant rotifer performance.

NATURAL

S.parkle is formulated with high quality protected components and purified ingredients following a strict quality control protocol, leading to a consistent product aspect.

CONSISTENT & PRODUCTIVE

S.parkle is suitable for very short and productive cycles in any condition, allowing rotifer generations to be re-inoculated up to 50 consecutive runs.

ECONOMIC

S.parkle is cost-effective and easy to use.

USE

1.1 PREPARATION AND USE OF THE PRODUCT

- Blend **Selco® S.parkle** during three to five minutes in **freshwater** with an industrial mixer using a maximum of 100 g per litre.
- Create a vortex first and then slowly add **S.parkle** to the water.
- Start with an inoculum of between 250 and 1.000 rotifers per ml. Apply according to culture strategy below.

1.2 PREPARATION OF THE TANK

- Clean and disinfect the culture tank, airstones, air tubing prior to use (use e.g. 200 g/m³ active chlorine + detergent).
- Disinfect the water of the tank with e.g. 5 g/m³ active chlorine and aerate gently for ± 1 hour.
- Deactivate any remaining chlorine by adding 7 g/m³ sodiumthiosulphate.
- Suspend airstones 15 cm above the tank bottom, along the periphery and also in the centre to allow sedimentation and flushing of waste particles.
- Gentle aeration through the use of airstones; sufficient to keep the rotifers in suspension but at the same time allowing debris to deposit.
- The use of floc traps, e.g. Scotch brite, is advised to ensure a clean culture by the removal of waste floccules and Vorticella. Use a minimum of 2*0,15 m² Scotch brite per m³.

1.3 TANK SET-UP AND OPTIMAL CULTURE CONDITIONS

- Temperature 25-27°C
- Salinity 20-25 ppt
- Dissolved oxygen 5-7 ppm
- NH₄⁺ < 20 ppm; NH₃ < 1 ppm
- pH 7 – 8,5
- Aeration reasonably strong using airstones
- **The use of additional oxygenation systems is essential to maintain a minimum oxygen level of 4ppm during the entire culture period.**

1.4 CULTURE FEEDING STRATEGY

Rot/ml	g S.parkle / million Rot
250 - 500	0,65
500 - 750	0,50
750 - 1.000	0,45
1.000 - 1.500	0,40
1.500 - 2.000	0,35
2.000 - 3.000	0,30

Feed the daily quantities in 4 to 6 rations or use a continuous feeding device.

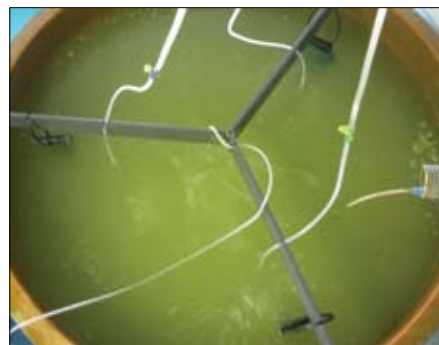
On the first culture day, start with 0,7 g S.parkle per million rotifers. From this amount, use 100 g/m³ as background feeding.

Never exceed a maximum daily feeding of 600ppm.

DATA

CLEAN

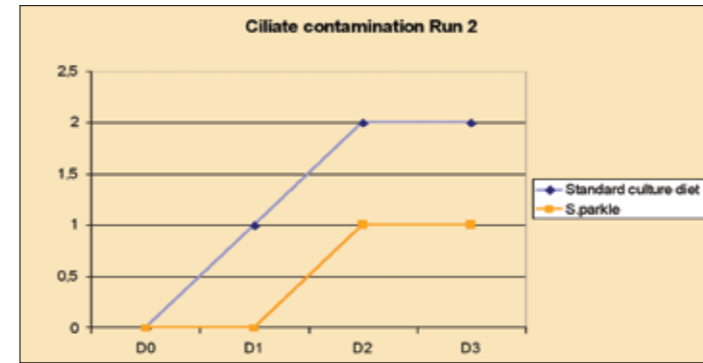
S.parkle has an optimal behaviour both during preparation and in the culture tank. The surface is clean, without foam or flock formation, for a constant rotifer performance.



LOW CILIATE CONTAMINATION

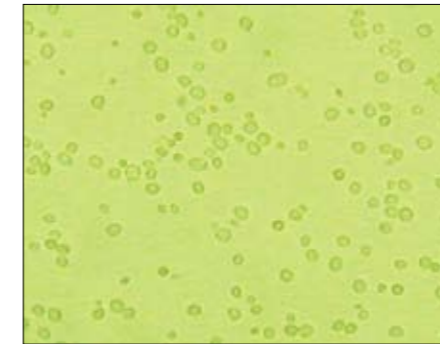
Contamination starts +/- 1 day later, ciliates are less in number, which makes filtration easier and faster.

The graph represents relative number of ciliates found in a standard culture diets vs **S.parkle**



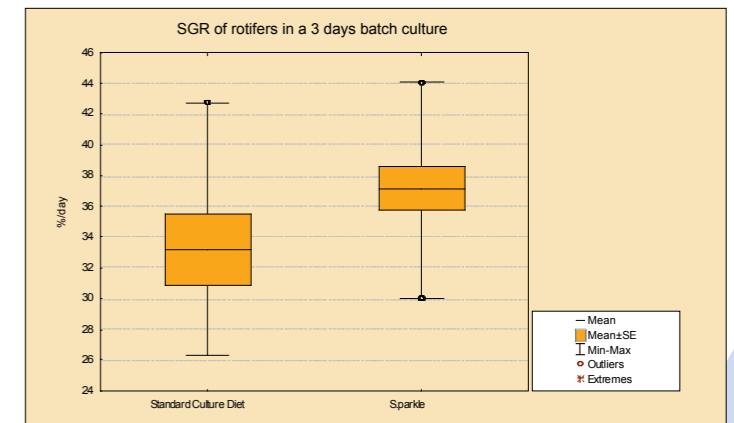
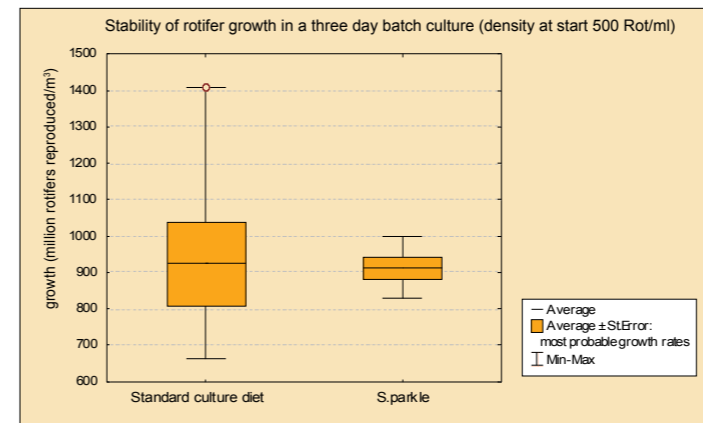
NATURAL

S.parkle is formulated with high quality protected algal components and purified ingredients following a strict quality control protocol, leading to a consistent product aspect with a nice green algae-like colour.



CONSISTENT & PRODUCTIVE

S.parkle is suitable for very short and productive cycles in any condition. The product ensures a constant and stable rotifer production, allowing rotifer generations to be re-inoculated up to 50 consecutive runs.



* Specific Growth Rate (SGR): specific daily growth expressed in % (relative value)

