



## ReduHeat®

- Newest high tech shading agent on the market.
- Blocks the heat and allows PAR (Photosynthetically Active Radiation) to your crop.
- Healthier, sturdier crop with superior color retention.
- Diffuses light to allow for more of it to penetrate your crop.
- Highly resistant to wear.
- Easy removal with ReduClean®.

## ReduSol®

- Effective even shading compound for all greenhouse types & coverings.
- Environmentally friendly.
- Highly resistant to wear.
- Higher light transmission when wet.
- Easy removal with ReduClean®.



## ReduCondens®

- Anti-condensate coating.
- Reduces the formation of water droplets on the inside of your greenhouse.
- Harmless to your crop.
- Helps reduce disease and allow in more light.
- See label for complete directions.

## ReduPaint®



- Solvent free white paint for heating pipes.
- Water based and highly wear resistant.
- Pipes do not need to be heated for drying.
- Excellent coverage, dries quickly, non-insulating.
- Environmentally friendly.



Another Way  
We Are  
Helping You Grow

# ReduHeat<sup>®</sup> Usage Chart



Comparison to ReduSol similar heat reduction	
Shading Effect of PAR light	Mixing ratio for ReduSol
54	1:5.5
50	1:6
46	1:6.5
35	1:8
30	1:10

Dilution Ratio	Buckets per Ha.	Coverage per Bucket m <sup>2</sup>	Buckets per Acre	Coverage per Bucket sq/ft	Shading effect of PAR light
1:2	44	227	18	2222	40
1:2.5	38	264	15	2666	36
1:3	33	303	13	3076	32
1:4	27	370	10	4000	28
1:5	22	455	9	4444	22

# ReduSol<sup>®</sup> Usage Chart



Redusol	Buckets per Ha.	Gallon per Ha.	Coverage per Bucket m <sup>2</sup>	Buckets per Acre	Gallon per Acre	Coverage per Gallon in sq. ft.	Mix. Ratio by Vol.	Mix. Ratio by Weight
10% Shading	5	20	2000	2	8	5000	1/20	1/15
20% Shading	8	32	1250	3	12	3333	1/15	1/11
30% Shading	10	40	1000	4	16	2500	1/12	1/9
40% Shading	12	48	833	5	20	2000	1/10	1/8
50% Shading	15	60	666	6	24	1666	1/8	1/6
60% Shading	18	72	555	7	28	1428	1/6	1/5
70% Shading	23	92	435	9	36	1111	1/4	1/3
80% Shading	37	148	270	15	60	666	1/2	1/1.5

# ReduClean<sup>®</sup> Usage Chart



Liters per Ha.	Cans per Ha	Gallon per Acre	Cans per Acre
175 to 250	7 to 10	18 to 25	3 to 4

Mix ReduClean<sup>®</sup> 1:7 with clean water, spray on greenhouse roof to full coverage. Rinse off with water or wait for rain to wash the roof clean. For complete instructions refer to the ReduClean<sup>®</sup> label or contact MGS Horticultural Inc.

Note: Always apply ReduHeat<sup>®</sup> or ReduSol<sup>®</sup> on a dry clean surface. (For new plastic, allow "non stick layer" to wear off) ReduClean should be applied on a dry ReduSol<sup>®</sup> or ReduHeat<sup>®</sup> layer.