

Mr. Jumerah

Silicon Premium H₄SiO₄ + TE Fertilizers.

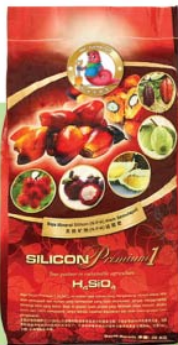
Your natural crop prevention and protection solutions.

Goodearth Resources Sdn Bhd, is a leading importer, manufacturer and distributor of the revolutionary Mr. Jumerah - Silicon Premium Silicic Acid (H₄SiO₄ + TE) Fertilizers for your crop. Our silicon-based fertilizer / soil conditioner has multiple functions -



- Amorphous silicon fertilizer / soil conditioner.
- High in plant available silicon (PAS).
- Contains sufficient basic minerals and trace elements essential for plants.
- Silicon is environmentally safe and permitted for use in organic farming.
- Enhances plant resistance to environmental stress, diseases and pathogens.
- Rehabilitate severe rubber diseases and Tapping Panel Dryness (TPD) problem.
- Increases water retention, restores fertility and balances pH in soil.
- Increase flowering and pollen production - more "female" inflorescences in oil palm.
- Increases the oil palm production / yields.
- Increases quality and yield performance of crops.
- Complements and enhances the efficiency of NPK fertilizers.

Silicon (Si) is a major beneficial nutrient for plant cell growth, function and health and it is found in significant quantities in most plants. Mr. Jumerah Silicon Premium range of fertilizers is highly recommended for vegetables, fruit trees, paddy, oil palm, rubber, turf grass and ornamental plants for a sustainable solution.



Silicon Premium 1
H₄SiO₄ + TE (SP1)



Silicon Premium 2
H₄SiO₄ + TE (SP2)

Weight : 25 kg



Oil Palm Tree - Before



Oil Palm Tree - After

No.	Nutrient	Quantity(%)–SP1	Quantity(%)–SP2
1	Orthosilicic Acid (H ₄ SiO ₄)	≧ 28.00	≧ 28.00
2	Silica (SiO ₂)	≧ 11.00	≧ 10.00
3	Magnesium Oxide (MgO)	≧ 12.00	≧ 10.00
4	Calcium Oxide (CaO)	≧ 6.00	≧ 5.00
5	Nitrogen (N)	≧ 1.00	≧ 0.50
6	Phosphorous (P)	≧ 0.50	≧ 1.00
7	Potassium (K)	≧ 4.00	≧ 1.00
8	Sulphur (S)	≧ 1.00	≧ 1.00
9	Boron (B)	Trace	Trace
10	Iron (Fe)	Trace	Trace
11	Manganese (Mn)	Trace	Trace
12	Zinc (Zn)	Trace	Trace
13	Molybdenum (Mo)	Trace	Trace
14	Copper (Cu)	Trace	Trace
15	EM (MIT)	✓	✓
16	Au-Catalyst (Booster)	3X	1X

Silicon Premium 1

is highly recommended for oil palms, rubber and fruit trees such as durian, rambutan, duku, mango, dokong, mangosteen, jackfruit, soursop, cocoa, pomelo, coffee, guava, ginger, dragonfruit, sugarcane and fruity vegetables such as chilli, okra, cucumber, eggplant and others.

Silicon Premium 2

is highly recommended for all crops such as leafy and fruity vegetables, fruit trees, oil palm, paddy, rubber, tea, tobacco, turf grass and ornamental plants.



GENERAL DOSAGE AND APPLICATION GUIDELINES FOR OIL PALM (SILICON PREMIUM 1 & 2)

Application methods	Silicon fertilizer	NPK
Main nursery	50%	50% (dosage of nursery manuring programme)
Planting hole	250gm	250gm (rock phosphate)
Immaturity phase	50%	50% (dosage of immaturity manuring programme)
1st year of maturity	50%	50% (dosage of recommended manuring programme)
2nd year & above of maturity	30%	70% (of your manuring programme should ensure adequate replenishment of NPK)



GENERAL DOSAGE AND APPLICATION GUIDELINES FOR RUBBER TREE (SILICON PREMIUM 1 & 2)

Application methods	Silicon fertilizer	NPK
1st & 2nd year of maturity	50%	50% (dosage of recommended manuring programme)
3rd year & above of maturity	30%	70% (of your manuring programme should ensure adequate replenishment of NPK)



GENERAL DOSAGE AND APPLICATION GUIDELINES FOR FRUIT TREES (FRUITY VEGETABLES AND FRUIT TREES, ETC) (SILICON PREMIUM 1 & 2)

Application methods	Silicon fertilizer	NPK
Nursery & Immaturity phase	50%	50%
Maturity & fruiting	30%	70%



GENERAL DOSAGE AND APPLICATION GUIDELINES FOR ALL CROPS (LEAFY VEGETABLES, TEA, TOBACCO, TURF GRASS, ORNAMENTAL PLANTS AND FLOWERS) (SILICON PREMIUM 2)

Application methods	Silicon fertilizer	NPK
Nursery / Immaturity / Maturity	30%	70%

* General dosage and application guidelines above for reference only.

Application methods :

Blending with mixture / compound fertilizers or direct application.

Research carried out on silicic acid (H_4SiO_4) have shown that soils should contain around 200-400ppm (parts per million) of silicic acid (H_4SiO_4) and it also depends on soil type and crop grown.

What is the difference between Silicon Premium 1 and Silicon Premium 2?

Silicon Premium 1 is highly recommended for enhancement of weak and unproductive plants and oil palms trees and to apply as a starter dose for replanting areas to replenish soil's nutrients.

Silicon Premium 2 is for long term maintenance application to prevent the recurrence of locked-in nutrients.

Both can be easily applied on the entire field as basal dressing during ploughing / harrowing or around the base of plants and oil palms trees.



Marketed by :

BLOOMINA AGRILIFE SDN BHD (957135-X)
(A Member of Goodearth Resources)
58, 2nd Floor, Jalan Pesta 1/2, Taman Tun Dr. Ismail 1, 84000 Muar, Johor, Malaysia.
T : +606-9543 931 / 9530 189 F : +606-9536 187
E : enquiry@mybloomina.com W : www.mybloomina.com

For further information regarding to our fertilizer dosage and applications, please browse our website

www.mrjumerah.com.my

Please contact :

Mr. Paul Heng 016 258 1020 / 017 698 8438
Mr. Lim 017 310 9999
Mr. Nikki Goh 012 728 6856
Mr. Allego 016 672 8756

GENERAL DOSAGE AND APPLICATION GUIDELINES FOR OIL PALM



- Application methods** : Blending with mixture / compound fertilizers or direct application.
Pre nursery : 30 gm silicon fertilizer / 6 "x 9" bag (1 week after planting the germinated seeds).
Main nursery : 50 gm silicon fertilizer / 15 "x 18" bag (before planting).
 50 gm Silicon Premium Blended 15-15-15 (after 3 months - additional fertilizing).
Planting hole : 250 gm silicon fertilizer per hole with 250 gm of rock phosphate.

Frequency / Year	1st Year	2nd Year
First month (Jan)	300 gm 15-15-15 (NPK)	1 kg 15-15-15 (NPK)
Next 2 months (Mar)	400 gm silicon fertilizer	1 kg silicon fertilizer
Next 2 months (May)	500 gm 15-15-15 (NPK)	1 kg 15-15-15 (NPK)
Next 2 months (Jul)	600 gm silicon fertilizer	1 kg silicon fertilizer
Next 2 months (Sep)	1 kg 15-15-15 (NPK)	1 kg 13-13-21 (NPK)
Next 2 months (Nov)	1.2 kg silicon fertilizer	1 kg silicon fertilizer
Total quantity	4 kg	6 kg

Frequency / Year	3rd Year	4th Year
Next 3 months (Jan)	2 kg 12-6-22 (NPK)	2 kg 12-6-22 (NPK)
Next 3 months (Apr)	2.5 kg silicon fertilizer	3 kg silicon fertilizer
Next 3 months (Jul)	1.5 kg 13-13-21 (NPK)	2 kg 13-13-21 (NPK)
Next 3 months (Oct)	2 kg 12-6-22 (NPK)	2 kg 12-6-22 (NPK)
Total quantity	8 kg	9 kg

Frequency / Year	5th Year	6th Year	7th Year & above
Next 3 months (Jan)	2 kg 12-6-22 (NPK)	2.5 kg 12-6-22 (NPK)	2.5 kg 12-6-22 (NPK)
Next 3 months (Apr)	3 kg silicon fertilizer	3.5 kg silicon fertilizer	3.5 kg silicon fertilizer
Next 3 months (Jul)	2 kg 13-13-21 (NPK)	2.5 kg 13-13-21 (NPK)	3 kg 13-13-21 (NPK)
Next 3 months (Oct)	3 kg 12-6-22 (NPK)	2.5 kg 12-6-22 (NPK)	3 kg 12-6-22 (NPK)
Total quantity	10 kg	11 kg	12 kg

* Dosage and application guidelines above for reference only.

Apply our silicon fertilizer along with your existing NPK manuring programme on an alternate application-rotating basis.

Silicon Premium 1 is highly recommended for enhancement of weak and unproductive plants and oil palms trees and to apply as a starter dose for replanting areas to replenish soil's nutrients.

Silicon Premium 2 is for long term maintenance application to prevent the recurrence of locked-in nutrients.

Both can be easily applied on the entire field as basal dressing during ploughing / harrowing or around the base of plants and oil palms trees.



Marketed by :
 BLOOMINA AGRILIFE SDN BHD (957135-X) (A Member of Goodearth Resources)
 58, 2nd Floor, Jalan Pesta 1/2, Taman Tun Dr. Ismail 1, 84000 Muar, Johor, Malaysia.
 T : +606-9543 931 / 9530 189 F : +606-9536 187 E : enquiry@mybloomina.com W : www.mybloomina.com

Please contact : **Mr. Paul Heng** 016 258 1020 / 017 698 8438 **Mr. Lim** 017 310 9999 **Mr. Nikki Goh** 012 728 6856 **Mr. Allego** 016 672 8756

For further information regarding to our fertilizer dosage and applications, please browse our website : www.mrjumerah.com.my