DESCRIPTION:

Brief description: Insignia 25 SC™ is a fungicide for the control of Botrytis and Powdery Mildew on Roses.

Mode of action: Insignia 25 SC™ contains Boscalid which belongs to Carboxamide chemical group. It is a protective and curative fungicide which protects the plant by inhibiting fungal spore germination and has curative effect by inhibiting mycelial growth and sporulation. It is absorbed by the foliage, inhibits spore germination and germ tube elongation. It acts as a Succinate De-Hydrogenase Inhibitor in the mitochondrial electron transport chain.

Mixing instructions: Half fill the spray tank with clean water. Add the required amount of **Insignia 25 SC™**, then fill the water to the required level and mix or agitate thoroughly to uniformity. Spray immediately after mixing.

Directions for use:

Crops	Disease	Rates of application, Spray volume/20L	Timing and frequency of application
Roses	Powdery Mildew	800mL/Ha in 1000L of water; 16mL in 20L of water	Apply in the early stages of disease development. Ensure thorough coverage of the plant.
	Botrytis	1.2L/Ha in 1000L of water; 24mL in 20L of water	Apply thrice (3 times) at 10 days interval.

Re-entry interval: 12 hours

Resistance management: Repetitive/continual use of **Insignia 25 SC™** can lead to disease resistance. It is recommended that **Insignia 25 SC™** is alternated with pest control products with a different **MODE OF ACTION** as well as adhere to good farming practices.

HAZARDS/PRECAUTIONS:

Handling: Wear protective clothing namely overall, gloves, boots and face shield or safety goggles during handling, mixing, application and cleaning of equipment. **Do not** inhale the spray mist; avoid contact with skin, eyes and clothing. **Do not** apply upwind and stay away from the spray cloud. **Do not** eat, drink or smoke when handling the product.

After work: Wash skin thoroughly with soap and plenty of water. Wash the spraying equipment and contaminated clothing carefully before re-use.

STORAGE: Store in its tightly closed original container in a cool, dry well-ventilated place, under lock and key away from children and unauthorized persons. Keep away from food, drinks and animal feeds.

DISPOSAL: Triple rinse empty container and add washings/rinse off to spray mixture, then perforate or puncture holes on empty containers. **Do not** pour rinsate into any drain or on any site near human or animal habitation, water sources, waterways or water bodies. Dispose off in accordance with National Legislation and Regulation on hazardous chemical waste. **Do not reuse empty pesticide containers for any other purpose.**

Accidental release measures: Keep people away from the spill area, Use personal protective equipment when cleaning up the spill, **Do NOT** wash away into sewer. **Do NOT** let this chemical enter the environment, Pour the contents of leaking container into an empty container that originally held same product or put leaking container into a larger, clearly labelled container. Absorb liquid pesticides by covering the spill with absorbent materials, such as sawdust, clay or kitty litter. **Dispose off in accordance with National Legislation and Regulation on hazardous chemical waste.**

ENVIRONMENTAL HAZARDS: Insignia 25 SC™ is toxic to fish and aquatic organisms. **Do not** contaminate ponds and waterways by direct application, drift, cleaning of equipment or disposal of waste and empty containers. Keep livestock and wildlife out of freshly treated areas and **do not** get feeds from recently treated areas.

FIRST AID INSTRUCTIONS

Eye contact: Hold eye open and rinse slowly and gently with plenty of water for 15 minutes. If irritation persists, obtain medical attention.
Skin contact: Take off contaminated clothing. Rinse skin immediately with soap and plenty of water.
If swallowed: Wash out mouth with plenty of water. **DO NOT** induce vomiting. **Do not** give anything by mouth to an unconscious person. Seek medical advice.
If inhaled: Move affected person to fresh air. If breathing is difficult, give artificial respiration. Get medical attention.
SEEK MEDICAL ATTENTION IMMEDIATELY

TOXICOLOGICAL INFORMATION
Symptoms of Poisoning: No specific symptoms.
Antidote: There is no specific antidote.
Note to physician: Treat symptomatically.

IN CASE OF POISONING, CALL TOLL FREE EMERGENCY No.: 0800 72 00 21 / 0800 73 00 30 (24Hrs)

NOTICE TO USERS: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act (Cap 346) to use or store a pest control product under unsafe conditions.

WARRANTY: Seller's guarantee is limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

READ THE LABEL BEFORE USING (SOMA KIBANDIKO KABLA YA KUTUMIA)
KEEP LOCKED OUT OF REACH OF CHILDREN (WEKA MBALI NA WATOTO)

Insignia 25 SC™

FUNGICIDE (KIUA KUVU) **SUSPENSION CONCENTRATE**

Fungicide for the control of Botrytis and Powdery Mildew on Roses
(Kiua kuvu cha kudhibiti 'Botrytis' na 'Powdery Mildew' kwa Waridi)

GUARANTEE: Boscalid 250g/L
(DHAMANA)

REGISTRATION No. PCPB (CR)2082-p(i)
(NAMBARI YA USAJILI)

COMMERCIAL & AGRICULTURAL CLASS (KUNDI LA BIASHARA NA KILIMO.)

Shelf life: 2 years from date of manufacture when stored in its original unopened container in a cool dry well-ventilated place.
(**Maisha rafuni:** Miaka 2 baada ya tarehe ya kutengenezwa inapohifadhiwa kwenye chombo chake halisi, isipofunguliwa na ikiwekwa pahali pakavu mbali na joto, na penye hewa safi.)

Member of Agro Chemical Association of Kenya Registration Number. AAK. 357

Warning (Ilani)
Very toxic to aquatic life. May cause long term adverse effects in the aquatic environment.

Date of manufacture: (Tarehe ya kutengenezwa)	
Expiry date: (Tumia kabla ya)	
Batch No.: (Nambari ya kifurushi)	

IN CASE OF POISONING, CALL TOLL FREE EMERGENCY No. (WAKATI WA KUSUMIKA, PIGA NAMBARI YA DHARURA BILA MALIPO): 0800 72 00 21 / 0800 73 00 30 24Hrs (Masaa 24)

Net Content: (Ujazo) 1L

Agent (Ajenti):
Sineria
Sineria Kenya Ltd
P.O. Box 79777-00200,
Nairobi, Kenya
Email: info@sineria.com
www.sineria.com
Tel: +254 (0)721 96 35 57

Manufactured for (Imetengenezewa):
Sineria
Sineria Holland BV
Randwycksingel 20-A015
6229 EE Maastricht,
The Netherlands
www.sineria.com
Tel: + 31 (0) 43 204 112 0

Distributor (Wasambazaji):
TWIGA CHEMICALS
TWIGA CHEMICAL INDUSTRIES LTD
P.O. Box 30172 GPO, 00100
Nanyuki Road - Industrial Area,
Nairobi, Kenya
+254 20 394 2000
www.twigachemicals.com

Insignia 25 SC is a trademark of Sineria Kenya Ltd

WHO CLASS III (Slightly hazardous) 18WBBF

CAUTION (TAHADHARI)

MAELEZO:

Maelezo kwa jumla: Insignia 25 SC™ ni kiua kuvu cha kudhibiti 'Botrytis' na 'Powdery Mildew' kwa Waridi.

Jinsi inavyofanya kazi: Kiungo chake **Insignia 25 SC™** ni Boscalid kutoka katika kikundi cha kemikali cha Carboxamide. Insignia 25 SC™ hufyonzwa kupitia majani na hudhibiti na kukinga mimea dhidi ya magonjwa kwa kuzuia kuota kwa 'spores' na kuzuia ukuaji wa 'mycelial' na 'spores'. Insignia 25 SC™ inazuia usafirishaji wa elektroni za mitochondria.

Maelezo ya matumizi: Tia maji kwenye bomba hadi katikati. Ongeza kiasi cha **Insignia 25 SC™** kama ilivyopendekezwa kisha uongezee kiasi cha maji kilichosalia huku ukichanganya kwa kutikisa hadi usawa. Nyunyizia punde tu unapotayarisha kemikali.

Maelekezo ya matumizi

Mimea	Magonjwa	Kiwango cha matumizi	Wakati na mzunguko wa matumizi
Waridi	'Powdery Mildew'	Mililita 800/Ha kwa lita 1000 ya maji; Mililita 16 kwa lita 20 ya maji	Nyunyizia punde tu dalili za mashambulizi zinapoonekana. Hakikisha pande zote za mimea zinafikiwa na kemikali.
	'Botrytis'	Lita 1.2/Ha kwa lita 1000 ya maji; Mililita 24 kwa lita 20 ya maji	Nyunyizia mara 3 katika kipindi cha siku 10.

Muda salama wa kusubiri kabla ya kuingia mahali Insignia 25 SC™ imepigwa: Masaa 12

Kudhibiti ukinzani: Matumizi ya **Insignia 25 SC™** kwa marudio inaweza kusababisha ukinzani. Inashuriwa kuwa Insignia 25 SC™ ibadilishwe na viua kuvu vingine vilivyo na **UTENDAJI KAZI** tofauti na pia kufuatilia kanuni nzuri za kilimo.

HATARI/TAHADHARI:

Matumizi: Valia nguo za kujikinga kama vile overoli, glovu, buti na kinga ya uso au miwani unapotumia, kuchanganya na kunyunyizia kemikali na unapoosha vifaa vya kunyunyizia kemikali. Epukana na kupumua mvuke na uguzaji wa kemikali hii kwenye ngozi, macho na nguo. Epukana na kuelea kwa mazao lishe jirani. Epukana na kukaa kwenye wingu la kemikali. Usile, usinywe wala kuvuta sigara unapotumia kiua kuvu hiki.

Baada ya kazi: Vua nguo na uoshe ngozi kwa maji mengi na sabuni. Osha vifaa vya kunyunyizia kemikali na nguo zilizochafuliwa na kemikali kwa makini kabla ya kuzitumia upya.

UHIFADHI: Hifadhi kwenye chombo chake halisi, isipofunguliwa na ikiwekwa pahali pakavu mbali na joto, na penye hewa safi. Weka mbali na watoto, watu wasioidhinishwa, vyakula, vinywaji na vyakula vya mifugo.

KUTUPA: Safisha chombo tupu kwa kusunza mara tatu na kuongeza maji haya kwenye mchanganyiko wa kemikali, kisha toboa au kuharibu chombo tupu. **Usimwage** maji haya katika mifereji yoyote au katika maeneo yaliyo karibu na makao ya kibinadamu au wanyama, vyanzo, njia au miili ya maji. Tupa kulingana na sheria na kanuni za nchi, dhidi ya utupaji wa kemikali hatari. **Usitumie tena vyombo tupu kwa madhumuni mengineyo.**

Kuvuja na kumwagika kwa kemikali: Weka watu mbali na maeneo yaliyomwagikiwa na kemikali, Valia nguo za kujikinga unaposafisha, **Usimwage** maji haya katika mifereji ya maji taka. **Usiruhusu** kemikali hii kuingia katika mazingira, Mwaga mabaki yaliyomo katika chombo kinachovuja kwenye chombo tupu ambacho hapo awali kilikuwa na kemikali hii au weka chombo kinachovuja katika chombo kikubwa kilicho na kibandiko. Fyonza kemikali iliyomwagika kwa kuifunika na machujo ya mbao, udongo au takataka ya paka. **Tupa kulingana na sheria na kanuni za nchi, dhidi ya utupaji wa kemikali hatari.**

ADHARI KWA MAZINGIRA: Insignia 25 SC™ ni sumu hatari kwa samaki na viumbe vinavyoishi majini. Usichafue mikondo ya maji kwa kunyunyizia moja kwa moja, kuelea, kusafisha vifaa au utupaji taka na vyombo tupu. Weka mifugo na wanyama mbali na sehemu zilizonyunyiziwa kemkalia na pia, epukana na kutafuta vyakula vya mifugo katika sehemu zilizonyunyiziwa kemikali hivi karibuni.

MAELEZO YA HUDUMA YA KWANZA:

Ikiingia machoni: Tiririsha kwa maji mengi ukiwa umeyafumbua macho angalau kwa dakika 15. Maumivu yakizidi, tafuta ushauri wa daktari.
Ikigusa ngozi: Vua nguo zilizomwagikiwa na kemikali kisha osha ngozi kwa maji mengi na sabuni.
Ikimezwa: Osha kinywa kwa maji mengi. Usimlazimishe mwathiriwa kutapika. Tafuta ushauri wa daktari.
Ikipumuliwa: Mpeleke mwathiriwa mahali atakapopata hewa safi. Msaidie kupumua ikiwa hana uwezo wa kupumua. Tafuta ushauri wa daktari.
PELEKA MJERUHI KWA DAKTARI

MAELEZO KUHUSU SUMU:
Dalili za kusumika: Haina dalili maalum.
Tiba: Haina tiba maalum.
Kidokezo kwa daktari: Tibu kulingana na dalili.

WAKATI WA KUSUMIKA, PIGA NAMBARI YA DHARURA BILA MALIPO: 0800 72 00 21 / 0800 73 00 30 (Masaa 24)

ILANI KWA MTUMIAJI: Kemikali hii sharti itumiwe kulingana na maagizo yaliyo kwenye kibandiko. Ni hatia chini ya sheria ya kemikali za kuangamiza wadudu waharibifu (Cap 346) kutumia au kuhifadhi kemikali hii katika hali isiyo salama.

THIBITISHO: Dhamana ya muuzaji ni maelezo yaliyo kwenye kibandiko ambayo ni lazima yafuatwe kikamilifu. Mnunuzi lazima akubali hatari zozote zinazoweza kutokana na matumizi ya kemikali hii kwa binadamu au mali na lazima aikubali kemikali hii katika hali hiyo.