

READ THE LABEL BEFORE USING (SOMA KIBANDIKO KABLA YA KUTUMIA)

# TWIGA ACE®

20SL

SOLUBLE CONCENTRATE

A systemic insecticide for the control of aphids, thrips, leafminers and whiteflies in roses and french beans, also for control of squash beetle, thrips, aphids and whiteflies in squash, control of Russian wheat aphids in wheat.

(Dawa ya kuangamiza wadudu kama 'aphids', 'thrips', 'leafminers' na 'whiteflies' katika mimea ya maua ya waridi na miciri, pia hutumika kuangamiza 'squash' beetles, 'thrips', 'aphids' na 'whiteflies' katika 'squash' na pia kumaliza wadudu aina ya 'russian wheat', 'aphids' katika ngano).

COMMERCIAL & AGRICULTURAL CLASS (SEHEMU YA BIA SHARA NA KILIMO)

KEEP LOCKED AND OUT OF REACH OF CHILDREN (WEKA MBALI NA WATOTO)

REGISTRATION No. PCPB (CR) 0489  
(NAMBARI YA KUSAJILIWA)

GUARANTEE: ACETAMIPRID  
(DHAMANA) 200 g/L



Whiteflies



Wheat Aphids



Leafminer



Thrips



**SHELF LIFE:** 2 years from date of manufacture in original, unopened container stored in a cool dry well ventilated place.

**(MUDA RAFUNI:** Miaka miwili baada ya tarehe ya kutengenezwa ikihifadhiwa kwenye mtungi wake asili usiofunguliwa na uliowekwa pahali pakavu na baridi).

In case of an emergency, call Toll free Nos 0800720021 / 0800730030 (24hrs /masaa 24)  
(Piga simu isiyo na malipo wakati wa shida):

DATE OF MANUFACTURE (TAREHE YA KUTENGENEZWA)	
BATCH NO.: (NAMBARI YA KIFURUSHI)	
EXPIRY DATE: (TUMIA KABLA YA)	

Net Content:(Kiasi)  
**1 Litre /Lita 1**

REGISTERED & DISTRIBUTED  
(MSAMBAZAJI) IN KENYA:  
TWIGA CHEMICAL INDUSTRIES LTD.  
P O BOX 30172-00100 G.P.O., NAIROBI-KENYA  
TEL: +254 20 3942000/ 3942300, FAX: 3942405



MEMBER OF  
AGROCHEMICALS  
ASSOCIATION OF KENYA  
REGISTRATION NUMBER 102

REGISTRANT /EXPORTER  
Ningbo Sunjoy Agrosience Co.Ltd  
21 Jiangxia ST. Ningbo 315000 China



## DESCRIPTION

A systemic insecticide for the control of aphids, thrips, leafminers and whiteflies in roses and french beans, also for control of squash beetle, thrips, aphids and whiteflies in squash, control of Russian wheat aphids in wheat.

## DIRECTIONS FOR USE

Target pests and application method.

Crop	Target Pest	Application Rate (Spray volume 1000 lt of Water)	Application Rate for Small Holders
French beans	Aphids, Whiteflies, thrips, leafminers	200-250 ml/ha	8ml /20Lt
Squash	Squash beetles, Thrips, Aphids and Whiteflies	200 ml/ha	8ml /20Lt
Wheat	Russian wheat aphids	200-250 ml/ha	8ml /20Lt
Roses	Aphids, Thrips, Whiteflies, Leafminers	200 ml/ha	20ml in 100Lt of water

### Pre-Harvest Interval:

**Frenchbeans:** 5 days,  
**Squash:** 3 days,  
**Wheat:** 10 days

**Re-Entry Interval: Roses:** 3 Hrs,

**Application Method:** Foliar spray

## PHYTOTOXICITY

**TWIGA ACE** is not phytotoxic when used as recommended.

## METHOD OF APPLICATION

**TWIGA ACE 20SL** is mainly applied by leaf surface spraying. Thorough wetting of the crop must be ensured. Put a small quantity of water in the spray tank to the recommended quantity of **TWIGA ACE 20SL** and stir, then top up with water. Shake the product before pouring and thoroughly rinse the container and then add the rinsates to the spray mixture. Keep on agitating when filling and during spray operations.

## HANDLING PRECAUTIONS

- Do not smoke drink or eat while using this product.
- Avoid eye contact. Wear safety goggles when handling the product.
- Avoid spray mist and exposure to the product. Wear rubber gloves, mask covering nose and mouth. Wear protective clothing such as long sleeved shirts, long pants and rubber boots when handling the product.
- After application wash yourself and your work clothes.
- Do not enter treated area within 24 hours of application unless protective clothing is worn.

## STORAGE

Store in original, tightly closed container away from children, food, drinks and livestock feedstuffs. Store in a cool, dry and well ventilated area under lock and key. Avoid exposure to direct sunlight. Kept under these conditions, the shelf life of **TWIGA ACE 20SL** is 2 years.

## DISPOSAL

Small quantities of surplus product, if unused should be disposed off on a landfill site approved for pesticides in a safe place away from water sources. Do not use empty container for any other purpose. Empty containers are to be triple rinsed, flattened, perforated, and disposed off in a safe place away from water sources.

## SPILLAGE AND LEAKAGE

Remove contaminated soil layer and dispose off in a safe place away from water sources.

## Spillage

Soak up with sand, sawdust, soil or binding agent. Collect the contaminated material thoroughly dispose off in a safe place or put it in a waste bin or a plastic bag, mark it and dispose off on a landfill site approved for pesticide. Clean spilled area with plenty of water. Spilt product must not be re-used.

## ENVIRONMENT AND WILDLIFE

The product is toxic to fish and aquatic invertebrates. Do not contaminate water sources and supplies by disposal of product waste. Keep livestock out of treated areas. **TWIGA ACE 20SL** is toxic to natural enemies and beneficial insects such as bees and wasps. Do not apply when bees are actively foraging.

## FIRST AID INSTRUCTIONS

**In case of eye contact:** Flush the eyes with running water for at least 15 minutes while holding eyelids open to help flush out material. Contact a physician immediately.

**In case of skin contact:** Wash contaminated skin with soap and plenty of water. Remove contaminated clothing. If skin irritation persists, contact a physician immediately.

**In case of inhalation:** Remove the patient away from contaminated area and place the patient in a well-ventilated area and give artificial respiration. Keep warm and at rest. Consult a doctor.

**In case of ingestion:** If small amount is swallowed, drink plenty of water and induce vomiting. Repeat until fluid is clear. If a large amount is ingested (i.e. one mouthful), induction of vomiting should be considered if patient is fully conscious and less than 30 minutes has elapsed since ingestion. Never give anything by mouth to an unconscious person. Contact a physician immediately.

## TOXICOLOGICAL INFORMATION

Symptoms of poisoning: Non-specific. However, it is expected that following ingestion, oral discharge, fecal staining, soft stool, fine tremors and respiratory irritations may occur.

**ANTIDOTE:-** No specific antidote is known.

**NOTES TO THE PHYSICIAN:-** Apply symptomatic therapy and supportive therapy. In case of ingestion, induce vomiting, perform gastric lavage taking care to prevent aspiration of gastric content and administer saline purgatives. In case of an emergency, call Toll free Nos: **0800720021 and 0800730030 (24hrs)**

## NOTICE TO USER

This pest control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act 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.

## MAELEZO

Twiga Ace ni dawa ya kuangamiza wadudu kama 'aphids', 'thrips', 'leafminers' na 'whiteflies' katika mimea ya maua ya waridi na miciri, pia hutumika kuangamiza 'squash' beetles', 'thrips', 'aphids' na 'whiteflies' katika mimea ya 'squash' na pia kumaliza wadudu aina ya 'Russian wheat', 'aphids' katika ngano.

### MAAGIZO YA MATUMIZI

Wadudu wanaolengwa na njia ya kutumia.

Mmea	Wadudu	Kiwango cha Matumizi (Kwa kiasi cha maji lita 1000)	Kiwango kwa matumizi madogo
<i>French beans</i>	<i>Aphids, Whiteflies, thrips, leafminers</i>	Mililita 200-250 kwa hektari	Mililita 10 kwa Lita 20 ya maji
Squash	<i>Squash beetles, Thrips, Aphids and Whiteflies</i>	Mililita 200 kwa hektari	Mililita 8 kwa Lita 20 ya maji
Ngano	<i>Russian wheat aphids</i>	Mililita 200-250 kwa hektari	Mililita 8 kwa Lita 20 ya maji
Waridi	<i>Aphids, Thrips, Whiteflies, Leafminers</i>	Mililita 200 kwa hektari	Mililita 8 kwa Lita 100 ya maji

#### Muda wa kongojea kabla ya kuvuna:

**Maharagwe:** Siku 5,  
**Squash:** Siku 3,  
**Ngano:** Siku 10

#### Muda wa kungojea kabla ya kurudia mahali palipo nyunyuziwa dawa:

**Maua:** Masaa 3,

**Njia ya matumizi:** Nyunyuzia kwa matawi

#### MADHARA KWA MIMEA

Hakuna madhara yatakayotokea kwenye mimea iwapo TWIGA ACE 20SL itatumiwa vile inavyoshauriwa.

#### JINSI YA KUTUMIA

**TWIGA ACE 20SL** inaweza kunyunyizwa kwa njia ya "spray" kutumia vifaa vya kawaida vinavyotumika katika ukulima. Unyunyizaji wa kisawasawa wa mmea ni lazima uhakikishwe. Weka maji kiasi kidogo kwenye mtungi wa kunyunyizia, ongeza kiwango kinachohitajika cha **TWIGA ACE 20SL** na ukoroge kisha ongeza maji kiasi kilichopendekezwa katika magizo ya matumizi.

Funika dawa iliyovuja ukitumia vitu vinavyoweza kuinyonya dawa ('lime sand', 'sawdust', mchanga). Fagia na kuweka kwenye chombo cha kutupia madawa ya sumu. Safisha sehemu iliyomwagikiwa na dawa ukitumia maji yenye sabuni iliyo na nguvu kisha uweke kwenye chombo cha kutupia madawa ya sumu. Ziba chombo hicho na kukitupa kwa njia iliyoruhusiwa kisheria. Mwaga maji mengi pahali dawa ilimwagika ili kuondoa mabaki ya sumu. Usifanye maji hayo kuchanganyika na maji safi. Wafanyikazi wote waoge vizuri baada ya kumaliza kazi. Safisha chombo kilichoisha dawa vizuri utie maji hayo ndani ya chombo cha kunyunyizia dawa na kuondoshea pahali salama.

#### TAHADHARI WAKATI WA MATUMIZI

- Usivute sigara, usinywe, wala usile wakati unatumia dawa hii.
- Chunga dawa isiingie machoni. Vaa miwani ya kuingia macho unapo tumia dawa hii.
- Epukana na mvuke wa dawa hii, na kujiweka wazi kwenye dawa. Kumeza kiasi kingi cha **TWIGA ACE 20SL** kutafanya mwili kuwa na udhoefu na pia kuvuta mvuke wa dawa kali waweza kusababisha mwasho kwenye sehemu za kupumulia. Vaa glovu za mkono za raba, vaa kifuniko cha pua na mdomo. Vaa nguo za kujikinga kama shati la mikonu mirefu, suruali ndefu na gambuti za raba, unapo tumia dawa hii.
- Baada ya kutumia dawa hii oga mwili na uoshe nguo zako za kazi.
- Usiingie pahali kwenye kunyunyuziwa dawa ikiwa masaa 24 haijaisha.

#### KUHIFADHI

Hifadhi ndani ya chombo chake asili kilichofungwa vizuri mbali na watoto, chakula, vinywaji na chakula cha mifugo. Hifadhi dawa hii mahali baridi, pakavu na panapopitisha hewa safi, na palipo fungwa na kufuli. Epuka kuweka kwenye mwangaza mkali wa jua. Ikiwa TWIGA ACE 20SL itahifadhiwa katika hali hii muda wake wa kudumu ni miaka 2.

#### KUTUPA

Dawa kiasi kidogo ya ziada kama haikutumika itupwe kwenye jaa lililoidhinishwa la kutupa madawa ya sumu ya kuangamiza wadudu waharibifu mahali salama mbali na chemi chemi za maji. Usitumie chombo kilichokwisha dawa kwa matumizi mengine yoyote. Vyombo vilivyokwisha dawa vyapaswa kusuzwa mara tatu kwa maji, kisha vipondwe, vitobolewe na kutupwa kwenye jaa la kutupa takataka za sumu, lililoidhinishwa pahali salama mbali na chemi chemi za maji.

#### Ikimwagika ama ikivuja

Ondoa mchanga wa juu uliongia dawa na utupe pahali salama mbali na vyanzo vya maji.

**Ikimwagika:** Inyonye kwa kuimwagia mchanga, unga wa mbao, udongo au kifaa cha kuinasa. Kusanya kwa makini vitu vilivyovia ingia dawa na utupe pahali salama ama tupa ndani ya pipa au mifuko ya plastiki, weka alama na utupe ndani ya shimo la kutupa madawa ya sumu lililoidhinishwa. Safisha kwa maji eneo lililomwagikiwa na dawa. Dawa iliyomwagika isutumike tena.

#### MADHARA KWA MAZINGIRA

**TWIGA ACE 20SL** ni sumu kwa samaki na wanyama wanaoishi majini. Usichafue njia za maji kwa kutupa ndani uchafu wa dawa. Weka mifugo mbali na maeneo yaliyowekwa dawa. **TWIGA ACE 20SL** inaweza kudhuru wadudu wenye manufaa kama vile nyuki. Usinyunyuzie pahala nyuki ziko.

#### MAAGIZO YA HUDUMA YA KWANZA

**Ikiwa imeingia ndani ya macho:** Osha macho na maji mengi kwa angalau dakika 15. Ikiwa mwasho utaendelea, wasiliana na daktari mara moja.

**Ikiwa imegusa ngozi:** Osha ngozi ililoguzwa na dawa kwa sabuni na maji mengi. Toa nguo zilizomwagikiwa na dawa. Ikiwa mwasho wa ngozi utaendelea, onana na daktari mara moja.

**Ikiwa mvuke wa dawa hii umevutwa ndani ya mapafu:** Mwendoe mgonjwa kutoka kwenye eneo lililo na sumu na umweke mgonjwa mahali penye hewa safi na umpe usaidizi wa kupumua. Mueke kwenye joto la kadiri na katika hali ya kupumzika. Pata ushauri wa daktari.

**Kama imemezwa:** Ipunguze nguvu ya dawa iliyomezwa haraka kwa kumnyweshwa mgonjwa maji mengi. Mfanye atapike kwa uangalifu ili kuzuia matapiko kuingia kwenye mapafu. Kamwe usimlishe mtu aliyepoteza fahamu kitu chochote kupitia mdomoni. Muone daktari haraka. PELEKA MJERUHI KWA DAKTARI.

#### MAELEZO YA SUMU

**Dalili za sumu:** Hakuna dalili maalum. Hata hivyo, baada ya dawa kumezwa, kutatokea kutapika, kuenda kwa choo iliyo na unyevunyevu, mtemeteko wa kadri wa mwili na mwasho kwenye sehemu ya kupumua. **Dawa ya kuvunja nguvu za sumu:-** Hakuna dawa maalum inayojulikana ya kuvunja nguvu za sumu hii. PELEKA MJERUHI KWA DAKTARI.

**Maelezo kwa daktari:-** Tibu kulingana na dalili na kupatiana matibabu ya kusaidia. Piga simu isiyo na malipo wakati wa shida: **0800720021 na 0800730030 (masaa 24)**

**ILANI KWA MTUMIAJI:** Dawa hii ni sharti itumiwe kulingana na maagizo yaliyo kwenye kibandiko. Ni hatia chini ya sheria za madawa kutumia au kuhifadhi dawa hii katika hali isiyo salama.

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