

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



F.S.A.

# STICKEN

## SPRAY ADJUVANT

**ACTIVE CONSTITUENTS: 704 g/L METHYL and METHYL Esters OF FREE FATTY ACIDS derived from Refined Canola Oil**

A Biodegradable Penetrator Adjuvant, to Enhance the Effectiveness of certain Herbicides, Pyrethroid Insecticides, Defoliants and Desiccants

F.S.A. Sticken Spray Adjuvant improves your spray results by:

- ◆ Increasing penetration through waxy cuticles
- ◆ Increasing wetting and spreading of spray droplets
- ◆ Reducing spray droplet evaporation rates



## DIRECTIONS FOR USE

SITUATION	APPLICATION RATE / 100 L	CRITICAL COMMENTS
Post emergent herbicides	0.3 - 1.0 L	F.S.A. Sticken Spray Adjuvant may be used in place of non-ionic surfactants or crop oils. Subject to spray volumes, usage rates may vary between 0.2 - 2.0 L of F.S.A. Sticken Spray Adjuvant per hectare.
Acifluorfen 224 SL	1.0 L	Recommended for use in Mung Beans only.
Imazapic 240 SL	1.0 L	Recommended for post-emergent use in Peanuts only.
Atrazine 900 WG	500 mL - 1.0 L	For post-emergent use in TT Canola.
Iodosulfuron 100 and Mefenpyr-Diethyl 300 OD	1.0 L	F.S.A. Sticken Spray Adjuvant is recommended for all applications where Iodosulfuron 100 and Mefenpyr-Diethyl 300 OD is used.
Imathapyr 525 and Imazapyr 175 WG	1.0 L	F.S.A. Sticken Spray Adjuvant is recommended for all applications where Imathapyr 525 and Imazapyr 175 WG is used.
Imazapic 22 and Imazapyr 7.3 and MCPA present as the ethyl hexyl ester 288.5 EC	500 mL	F.S.A. Sticken Spray Adjuvant is recommended for all applications where is Imazapic 22 and Imazapyr 7.3 and MCPA present as the ethyl hexyl ester 288.5 EC is used.
Imazamox 700 WG	500 mL	There are some applications where F.S.A. Sticken Spray Adjuvant should not be used with Imazamox 700 WG. Refer Imazamox 700 WG label.
Clethodim 240 EC	1.0 L	F.S.A. Sticken Spray Adjuvant is recommended for all applications where Clethodim 240 EC is used.
Imazethapyr 700 WG	500 mL	For post-emergent use. Refer to pesticide label.
Quizalofop-p-ethyl 200 EC	1.0 L	F.S.A. Sticken Spray Adjuvant is recommended for all applications where Quizalofop-p-ethyl 200 EC is used.
Clodinafop-propargyl 240 and Cloquintocet-mexyl 60 EC	500 mL	Do not use F.S.A. Sticken Spray Adjuvant when using Clodinafop-propargyl 240 and Cloquintocet-mexyl 60 EC in mixtures with Diflufenican 25 and MCPA present as the 2-Ethyl hexyl ester 250 or Diflufenican 25 and Bromoxynil present as the Octanoate 250 EC. Where water volumes less than 50 L/ha are used, do not use less than 250 mL/ha of F.S.A. Sticken Spray Adjuvant.
Pyrethroid Insecticides	2.0 - 5.0 L	F.S.A. Sticken Spray Adjuvant may be used with certain emulsifiable concentrate formulations.
Defoliant	0.6 - 2.0 L/ha	F.S.A. Sticken Spray Adjuvant may be used in place of crop oils. The higher recommended rate may be necessary when plants are subject to severe stress.
Desiccants	0.6 - 2.0 L	

### Use of F.S.A. Sticken Spray Adjuvant with Herbicides, Insecticides, Fungicides Defoliant and Desiccants:

F.S.A. Sticken Spray Adjuvant may be used wherever an oil-based adjuvant is recommended on the label of agricultural chemicals, unless esterified seed-oil adjuvants are specifically excluded. The recommended usage rate of F.S.A. Sticken Spray Adjuvant for all such applications should be approximately 0.5 – 1.0 L/ha and should not be less than 0.2 L/ha (see table below).

SPRAY APPLICATION	SPRAY VOLUME PER HECTARE	RATE F.S.A. STICKEN SPRAY ADJUVANT L/100L OF SPRAY VOLUME
Low Volume	10 - 20 L/ha	2.0 - 5.0 L
Broadacre Boom Spray	50 - 100 L/ha	0.5 - 2.0 L
High Volume	200 - 500 L/ha	0.2 - 0.5L

When spraying at volumes other than those shown above, apply F.S.A. Sticken Spray Adjuvant at approximately 0.5 – 1.0 L/ha.

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION**

# GENERAL INSTRUCTIONS

F.S.A. Spray Adjuvant is a highly penetrating spray adjuvant suitable for use with certain post emergent herbicides, pyrethroid insecticides, defoliants and desiccants. It improves the pesticide performance by utilising the excellent penetration effect of esterified vegetable oils in combination with the wetting and spreading characteristics of non-ionic surfactants.

Read all directions for use on the F.S.A. Sticken Spray Adjuvant label and on pesticide label. The pesticide manufacturer's directions and recommendations always take precedence over directions contained on this label.

## COMPATIBILITY

F.S.A. Sticken Spray Adjuvant is compatible with a range of products detailed in the Direction for Use table, however all instructions on the agricultural chemical's label must be strictly followed.

## HERBICIDE SPRAYS

F.S.A. Sticken Spray Adjuvant can be added to certain post emergent herbicides to increase their efficiency. In some situations F.S.A. Sticken Spray Adjuvant may reduce selectivity. Care must be exercised when applying F.S.A. Sticken Spray Adjuvant with post emergent herbicides on sensitive crops under conditions where plants are subject to drought stress, high temperatures, and high humidity. If in doubt it is a sensible precaution to trial by application to a small area before committing to large scale applications.

## CROP SAFETY

Refer to the directions for use on the agricultural chemical label. Caution must be exercised when applying F.S.A. Sticken Spray Adjuvant with agricultural chemicals on sensitive crops during periods when plants are subject to drought stress, high temperatures or high humidity. If in doubt it is a sensible precaution to trial by application to a small area before committing to large scale application.

## MIXING

Follow directions on pesticide label. Half fill spray tank with water and add required amount of pesticide with agitation. Top up tank with water followed by addition of required amount of F.S.A. Sticken Spray Adjuvant and continue agitation while spraying.

## PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the chemical or used container.

## STORAGE AND DISPOSAL

Keep out of reach of children.

Store in closed, original container in a well ventilated area, as cool as possible. Do not store for prolonged periods in direct sunlight. Under conditions below 0°C F.S.A. Sticken Spray Adjuvant may thicken and become cloudy. It returns to a normal clear liquid state above 0°C.

Triple rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on-site. If recycling, replace cap and return clean container to recycler or designated collection point.

If not recycling, break, crush or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 500 mm below the surface in disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in accordance with relevant Local, State or Territory government regulations. Do not burn empty containers or product.

**Refillable Containers:** Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

## SAFETY DIRECTIONS

Will irritate the skin. May irritate the eyes, nose and throat. Avoid contact with eyes and skin. Avoid inhaling. When opening the container, wear protective waterproof clothing and rubber gloves. Wash hands after use. When using together with other products, consult their label safety directions. After each day's use, wash gloves and contaminated clothing.

## FIRST AID

If poisoning occurs, contact a Doctor or Poisons Information Centre (Phone Australia 13 11 26; New Zealand 0800 764 766).

## SAFETY DATA SHEET

For further information refer to the Safety Data Sheet which is available from the supplier.

## CONDITIONS OF SALE

The sale, supply and use of this product is beyond the control of the manufacturer, all warranties, express or implied under common law and statute are excluded. Four Seasons Agribusiness Pty Limited and its associated entities shall not accept any liability whatsoever (including consequential loss) or however arising (including negligence) for any damage, injury or death connected with the sale, supply, storage, use or application of this product except for liability which cannot be excluded by statute.

**Avoid breathing fumes, mists, vapours or spray. IF SWALLOWED:  
Rinse mouth. Do NOT induce vomiting. In case of fire, use carbon  
dioxide, dry chemical, foam.**

**IN AN EMERGENCY  
DIAL 000  
POLICE OR FIRE BRIGADE**



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