



# METAGRI

Suspo –emulsion (SE)

**Name and amount of Active Substance:**

Contains 452.42 g (300gae):2,4-D EHE:(2,4-dichlorophenoxy acetic acid +6.25 g FLORASULAM 2',6',8-trifluoro-5-methoxy[1,2,4]triazole [1.5-c]pyrimidine-2 sulfonanilide in one liter.

GROUP	B,O	HERBICIDE
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READ THE LABEL FIRST.  
DON'T USE AT HOME.  
KEEP AWAY FROM CHILDREN, FOOD AND ANIMAL FEED.  
DON'T BREATHE THE VAPOR AND/OR PARTICLES OF PLANT PROTECTION PRODUCT.  
USE MASK, PROTECTIVE CLOTH, GLOVES AND GLASSES.  
DON'T EAT, DRINK OR SMOKE ANYTHING DURING THE APPLICATION OF PLANT PROTECTION PRODUCT.  
NO PERSON OR ANIMAL SHOULD ENTER THE FIELD WHERE THE PLANT PROTECTION PRODUCT WAS USED FOR 1 DAY.  
FOLLOW USER MANUAL TO PREVENT RISKS ON HUMAN AND ENVIRONMENTAL HEALTH.  
**IT IS NOT ALLOWED TO USE THE PRODUCTS EXCEPT THE ONES SUGGESTED HERE**

**NATIONAL POISON CONSULTING CENTER (UZEM)  
Phone:114**

## HAZARD CHARACTERISTIC:

**Xn: Hazardous N: Harmful for environment**

## HAZARD SYMBOLS:



**Xn: Hazardous**

**N: Harmful for environment**

## CONTENTS:

Contains 2,4 D 2-EHE and Florasulam.

## RISK PHRASES AND EXPLANATION FOR APPLIER AND ENVIRONMENT:

R22 : Harmful if swallowed  
R43 : May create sensitivity if contacts skin.  
R50/53: Very toxic for aquatic organisms, may cause long-term adverse effects in aquatic environment.

## SAFETY PHRASE AND DESCRIPTION:

S1/2: Keep under lock and in a place where children can't reach.  
S13: Keep away from food, drinks and animal feed.  
S24: Avoid its contact with skin  
S29: Do not empty into sewers.  
S36/37: Use suitable protective clothes, protective gloves when working.  
S46: Consult a physician immediately if swallowed, show the container or label.  
S56: Dispose of the waste and container in hazardous or special collection spots.

## MANUFACTURING AND LICENSEE COMPANY: AGRI SCIENCES Tarım ve İlaç Ür. San. ve Tic. Ltd. Şti.

Bekir Saydam Cad. No:31 Pancar,Torbalı-İZMİR  
Phone: 0232 864 13 33 Fax: 0232 864 16 79

Date of manufacture :  
Expiration Date :  
Batch No :  
License Date and Number :

## PLANTS AND HARMFUL ORGANISMS THAT WILL BE USED AGAINST

PLAT NAME	WEED NAME	DOSAGE	TIME BETWEEN LAST SPRAYING AND HARVEST
<b>WHEAT BARLEY</b>	<i>Adonis aestivalis</i> <i>Anchusa azurea</i> <i>Asperugo procumbens</i> <i>Buglossoides arvensis</i> <i>Boreava orientalis</i> <i>Camelina rumelica</i> <i>Cardaria draba</i> <i>Cerastium dicothomum</i> <i>Descurainia sophia</i> <i>Geranium stepporum</i>  <i>Hypocoum pendulum</i> <i>Neslia apiculata</i> <i>Sinapis arvensis</i> <i>Sisymbrium altissimum</i> <i>Vicia narbonensis</i> <i>Vicia sativa</i>	50 ml/da	14 days
<b>WHEAT BARLEY</b>	<i>Anthemis fumarifolia</i> <i>Carduus pinocephalus</i> <i>Consolida regalis</i> <i>Galium tricorutum</i> <i>Polygonum bellardii</i> <i>Ramunculus arvensis</i> <i>Veconica triphyllos</i>	60 ml/da	14 days
<b>WHEAT BARLEY</b>	<i>Acroptilon repens</i> <i>Bifora radions</i> <i>Centaurea depressa</i> <i>Cirsium arvense</i> <i>Wiedemannia orientalis</i>	70 ml/da	14 days
<b>CORN *</b>	<i>Abutilon theophrastii</i> <i>Amaranthus retroflexus</i> <i>Aristolochia clematitidis</i> <i>Chenopodium album</i> <i>Chenopodium vulvaria</i> <i>Galium aparine</i> <i>Centaurea depressa</i> <i>Ipomea stolonifera</i> <i>Salsola kali</i> <i>Solanum nigrum</i> <i>Xanthium strumarium</i>	70 ml/da	14 days
<b>CORN *</b>	<i>Acroptilon repens</i> <i>Convolvulus arvensis</i>	80 ml/da	14 days

(\* ) It is not used hybrid corn seed manufacturing and sweet corn farming.

**CHARACTERISTICS OF DRUG:**

- Hot and moist conditions after application increase and accelerate the effect of the drug, while dry conditions may delay the effect.
- A rain that falls 2 hours after the spraying does not decrease the effect of the drug.
- It doesn't leave bacteria on the soil.
- It has no adverse affect on suggested plants.
- It is a herbicide with systemic and contact effect and wide spectrum.
- It has no negative effect on crops planted after wheat, barley and corn.

**METHOD OF USE:****Calibration:**

- Calibration needs to be performed in order to reduce the suggested dosage to 1 decare (1000 m<sup>2</sup>) in correct amount and homogenously. To do this, it should be checked that all nozzles of the spraying machine work and spray same amount of liquid in unit of time (flow rate) by putting a container under the nozzles and measuring the accumulated water in unit of time for every nozzle.
- The tank of the spraying machine is filled with clean water without drug. All of the clean water is used up as if doing spraying. The wetted area is measured. Depending on the measured area, the required drug for a full tank of water is calculated and added into the spraying machine as explained in "method of use" paragraph. And then spraying is started with the same step or gear, in other words, same speed. Knowing the amount of area which is sufficient for a full tank of the spraying machine will be advantageous in other applications.

Since this is suspo-emulsion drug, it is very important for the herbicide to mix with water. For this, the spraying machine is filled with water to the half. The required amount of herbicide is mixed with water in another container and poured into the tank. And then, the mixing gear of the machine is operated and water is added until the tank is full.

**Time of use:**

**Grains** (wheat, barley) It is used from the time when weeds complete their stem until the end of tillering period of grains. If it is used after the bolting period of grains, the desired effect is not obtained and it is not recommended. Do not apply after frost or if the frost is expected.

**Corn:** It is used during the period when corn has 3-5 leaves, and weeds complete their stem. If daily average temperature goes above 15 °C during or after application (7-10 days), the neighbor cultivated plants with wide leaves may be damaged. Therefore, it is not recommended to use during this period especially in Mediterranean, South Eastern and Aegean Region where temperatures are high.

**INFORMATION ABOUT RESISTANCE:**

Plant production product named **Metagri** is a fungicide classified under group ... due to its effect mechanism. Repeating application of plant protection products with the same effect mechanism encourages the development of resistance. Therefore, in order to delay the development of resistance, do not exceed the total recommended number of application suggested by **Metagri** during same production season. In cases where the application needs to be repeated, try to use plant production products that have different effect mechanism (those except Group ....).

**MISCIBILITY:**

It can be mixed and applied with Fenoxaprop-p-ethyl, which is a narrow-leaved weed medicine. It is not recommended to mix with other narrow-leaved medicines. Because there are a lot of foliar fertilizers, it is best to make a mixture testing, and then use it if there are no physical changes.

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**POISONING SYMPTOMS:**

It is harmful when swallowed. It may cause irritation in skin and eye. If necessary, call free line of National Poison Center at 114.

**FIRST AID PRECAUTIONS:**

Take away the patient from the floor and drug and do CPR. Immediately remove clothes contaminated with herbicide. If it contacted skin and eye, wash with plenty of water and soap. Take the patient to a calm location. When taking patient to a physician, bring the herbicide container or label with you. Do not induce vomiting if it is swallowed. The physician should decide on the discharge of herbicide from stomach

**ANTIDOTE AND NECESSARY INFORMATION:**

It does not have a special antidote. Treatment is applied depending on symptoms.

**NATIONAL POISON CONSULTING CENTER (UZEM)**

Phone:114

**MATTERS THAT SHOULD BE CONSIDERED DURING USE:**

- It is applied with all kinds of ground machines.
- The effect of the drug is closely related to amount of water that will be used. The best effect is obtained when minimum of 20 L water is applied for a decare with ground machine.
- Precautions to protect the body should be taken in all agricultural sprayings; rubber gloves, glasses and a protective cloth should be worn.
- Empty drug containers should be used for no other purpose and disposed of accordingly.
- It is recommended to use range-beam (TEE-JE) nozzles in herbicide applications.
- The best effect is obtained from sprayings made when the real leaves of weeds are seen, when they are in fast growth and not covered by grains over the top.
- In order to get better results in arid years, sprinkler irrigation is recommended before or after spraying.

**CLEANING THE MACHINE:**

After the spraying, spraying machine is completely emptied, and the inside and outside of the machine is washed completely. 1/10 of the machine's tank is filled and the machine is operated and completely discharged in order to clean spraying pipes and nozzles. The tank of the spraying machine is filled with water to the half. Machine mixer and spraying mechanism is operated and the cleaning of pipes and nozzles are ensured. The same operations are done with clean water and the machine is rinsed.

**STORAGE CONDITIONS:**

Keep the drug in its container, with the lid closed, away from food and children, in a cool and dry environment under lock. When the drug is stored in cool and dry conditions in its original container since the date of manufacturing, it retains its physical and chemical characteristics for at least 2 years.

**MANUFACTURING AND LICENSEE COMPANY:**

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**COMPANY STATEMENT:**

The manufacturer guarantees the quality of the drug as long as it is sold in its original container. The user tolerates the damage risk that might occur due to factors outside of the manufacturer's control. The manufacturer accepts no responsibility for any damage that might occur due to storage in unsuitable conditions or its usage in wrong dosage and time.

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