



# MESO 4SC SELECT™

HERBICIDE

## *Pre and Post-Emergent Weed Control*



### ACTIVE INGREDIENT

Mesotrione

### % ACTIVE INGREDIENT

40.0%

### FORMULATION

Soluble Concentrate

### CHEMICAL FAMILY

Benzopyrazole

### MODE OF ACTION

Group 27 Herbicide  
– Inhibits plant  
pigment biosynthesis  
and photosynthesis

### SIGNAL WORD

CAUTION

### PACKAGING INFORMATION

12 x 8 oz  
4 x 1 gal

**Meso 4SC Select™** is a herbicide that can be used for both pre and post-emergence control of more than 45 broadleaf weeds and grasses in turfgrass. Classified as a group 27 herbicide, Meso 4SC Select inhibits photosynthesis in susceptible plants and is absorbed systemically through leaves, roots and shoots. Meso 4SC Select can be effectively used for weed control prior to and when seeding of specific types of turfgrasses.

- Provides post-emergent control of tough-to-control weeds
- Weeds controlled include crabgrass (pre and post-emergent), ground ivy, yellow foxtail, yellow nutsedge and dandelion .
- Can be applied anytime you are seeding including overseeding of established turfgrass, bare ground seeding or during renovation

**IMPORTANT:  
ALWAYS READ AND  
FOLLOW LABEL  
INSTRUCTIONS.**



**PRIME SOURCE**

# MESO 4SC SELECT™

HERBICIDE

## Application and Use Instructions

### Pre-Emergence Applications:

Apply 4-8 fl. oz. of **Meso 4 SC Select** per acre in at least 30 gallons of water per acre before seeds germinate or as close to seed germination as possible. Combine this product with another pre-emergence herbicide such as Barricade® 65WG for extended control of crabgrass and foxtail.

### Pre-Emergence Application Precautions:

**Meso 4 SC Select** is most effective on established turf when applied post-emergence unless it is combined with another soil active herbicide.

### Pre-Emergence Application Restrictions:

- **DO NOT** exceed 5 fl. oz. per acre per application to perennial ryegrass, fine fescues, or mixed stands that consist of >50% perennial ryegrass and/or fine fescue.
- St. Augustinegrass sod: **DO NOT** exceed 4 fl. oz. per acre.

### Application to New Seedings/New Lawns

Apply 5-8 fl. oz. **Meso 4 SC Select** per acre in at least 30 gallons of water per acre before seeding or after seeding of tolerance turfgrass species listed below, except fine fescue, as application to fine fescue can reduce grass density. **Meso 4 SC Select** can be effectively used on grass seed blends that contain <20% by weight hard/fine fescue. For optimal control, apply at grass seeding or as close to seeding as possible.

### New Seedings/New Lawns Restrictions:

- **DO NOT** spray on newly germinated turfgrass. Delay treatment until grass has been mowed 2-4 times and/or 4 weeks after emergence (whichever is longer).

### Post-Emergence Application Instructions:

Apply 4-8 fl. oz. of **Meso 4 SC Select** per acre in at least 30 gallons of water per acre with a NIS surfactant. Make a repeat application 2-3 weeks later for optimal weed control. Apply to young, actively growing weeds.

### Post-Emergence Application Precautions:

Moisture stress and application to mature weeds can reduce herbicide efficacy.

### Bentgrass (*Agrostis* spp./Nimbleweed (*Muhlenbergia schreberi*) Treatment:

Apply 5 fl. oz. **Meso 4 SC Select** per acre in at least 30 gallons of water per acre combined with a NIS



surfactant at 2-3 week intervals for a maximum of 3 applications. For optimal weed control, apply in late summer/early fall just prior to new growth.

### St. Augustinegrass (Sod uses only) and Centipedegrass Treatment:

Apply to established turf ONLY.

### St. Augustinegrass (Sod uses only) and Centipedegrass Restrictions:

- **DO NOT** exceed 4 fl. oz. **Meso 4 SC Select** if tank mixing with Atrazine or Simazine.
- **DO NOT** exceed 0.5 lb. atrazine or simazine active ingredient. See atrazine/simazine labels for precautions and restrictions.

### Dormant Bermudagrass Application only:

Apply 5 fl. oz. per acre of **Meso 4 SC Select** to control winter weeds listed in the Weeds Controlled table within the product label. Make a repeat application 2-3 weeks later. Application of **Meso 4 SC Select** to semi-dormant turf will cause bermudagrass whitening.

### Spot Applications of this product

Spray Mix	Application Rate	Rate of this product	Rate of NIS adjuvant
2 gallons	1 gallon per 1,000 sq. ft.	1 teaspoon	3 teaspoons

### Spot Application Restrictions:

- **DO NOT** apply more than 16 oz. of **Meso 4 SC Select** per acre per year or per crop (equivalent to 0.5 lb. mesotrione per acre per year), whichever is shorter.

## LABELED USES

Commercial and residential turfgrass, golf courses (except putting greens), sod farms, athletic fields, parks, cemeteries, airports and lawns.

## WEEDS CONTROLLED

Some of the weeds controlled are:

Barnyardgrass  
Bentgrass,  
Creeping  
Bluegrass, Annual  
Carpetweed  
Chickweed  
Clover  
Crabgrass  
Dandelion  
Foxtail  
Ground Ivy  
Henbit  
Marestail  
Nutsedge, Yellow  
Oxalis  
Pigweed  
Smartweed  
Sow Thistle  
Verbena  
Wild Carrot



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