

MESO 4SC SELECT[™]

Selective, residual herbicide for control of weeds in turfgrasses

ACTIVE INGREDIENTS

Mesotrione – Group 27

% ACTIVE INGREDIENTS

Mesotrione 40.0%

FORMULATION

Suspension concentrate

CHEMICAL FAMILY

Benzopyrazole

BRAND ALTERNATIVE

Tenacity[®]

MODE OF ACTION

Inhibits plant pigment biosynthesis and photosynthesis

RESTRICTED USE

No

SIGNAL WORD

Caution

PACKAGING

12 x 8 oz, 4 x 1 gal

LABELED USES

Commercial and residential turfgrass

Golf courses (except putting greens)

Sod farms

Athletic fields

Parks

Cemeteries

Airports

IMPORTANT: ALWAYS READ AND FOLLOW LABEL INSTRUCTIONS.



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.

PRODUCT BENEFITS

- 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

APPLICATION AND USE INSTRUCTIONS

Pre-emergence application

Apply 4-8 fl. oz. of **Meso 4SC 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 4SC Select[™] is most effective on established turf when applied post-emergence unless it is combined with another soil active herbicide.

Pre-emergence 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.

DO NOT exceed 4 fl. oz. per acre on St. Augustinegrass sod.

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APPLICATION AND USE INSTRUCTIONS (continued)

Application to new seedings/new lawns

Apply 5-8 fl. oz. **Meso 4SC 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 4SC 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

Apply 4-8 fl. oz. of **Meso 4SC 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.

Pre-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 4SC 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 4SC 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 4SC 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 4SC Select™** to semidormant turf will cause bermudagrass whitening.

Spot application rates

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 4SC Select™** per acre per year or per crop (equivalent to 0.5 lb. mesotrione per acre per year), whichever is shorter.

Weeds controlled

Barnyardgrass	Clover	Henbit	Smartweed
Bentgrass, creeping	Crabgrass	Marestail	Sow thistle
Bluegrass, annual	Dandelion	Nutsedge, yellow	Verbena
Carpetweed	Foxtail	Oxalis	Wild carrot
Chickweed	Ground ivy	Pigweed	

See label for complete list of weeds controlled.