

No evaporation

when it's dry.

No weeds

when it rains.

**Stomp[®]
CS**

**Your weed
solution for
all seasons**



■ - BASF

We create chemistry



Stomp[®] CS – Your weed solution for all seasons

No evaporation when it's dry. No weeds when it rains.

Why Stomp[®] CS?

Superior performance

- Lower use rates than pendimethalin EC formulations for same level of weed control
- Superior surface stability makes it more effective – encapsulation reduces volatilization of active ingredient
- Less binding to crop & weed residues – maximum active ingredient available for weed control
- Improved crop safety

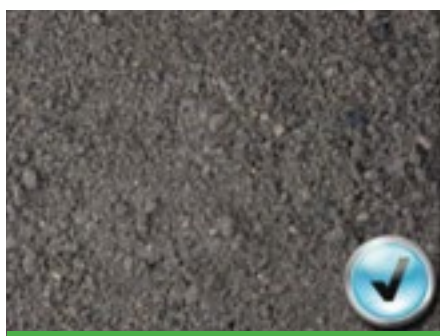
Better handling

- Easier to use – low odour, less staining, solvent-free formulation
- Less damaging to application equipment – does not dissolve rubber or plastic parts; will not corrode pumps and nozzles
- Improved storage stability – not compromised by freeze or thaw conditions.

Reduced staining: Greatly reduced staining compared to pendimethalin EC due to encapsulation. Washes off easily – easy to clean application equipment, packages, etc.

Stomp® CS – Preparation of the soil

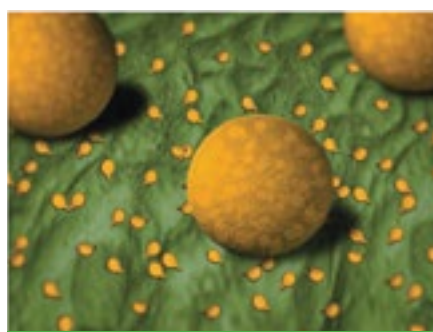
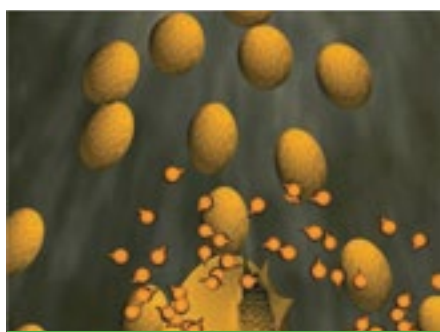
Fine tilth required for optimal performance of **Stomp® CS**



Stomp® CS – Microencapsulated technology



The groundbreaking encapsulation of the active ingredient in **Stomp® CS** prevents any premature dispersal, representing a major advance over conventional standard formulations.



When the product is diluted with water during the preparation of the spray tank the capsules absorb additional water due to the change in osmotic pressure. The wall of the capsule expands and becomes much softer, preparing the capsules for the later release of the active ingredient ...

Less binding to crop and weed residues

EC Formulation: Only 41% reach the soil



Stomp CS: 76% reach the soil



Application on maize stalk residue & rinsed to simulate rainfall
Amount of pendimethalin was determined which was washed off

Stomp[®] CS vs Pendimethalin EC

Untreated Check

Stomp[®] CS

EC Formulation



BASF Field Training Center. Lodi, WI 2002

Stomp[®] CS – Dose rate 3.0 l/ha

Stomp[®] CS – Key advantages

Convenience

- Easier to use
- No odour
- Reduced staining
- Increased storage stability

Performance

- Lower use rate than other pendimethalin formulations
- No incorporation requirement – preferred product for minimal tillage
- Increased bioavailability – reliable weed control
- Continuous release of active ingredient – ensures long effective crop protection
- Residual control improved under dry conditions
- Potential to reduce buffer zones
- Not bound to trash
- Lower volatility
- Improved crop safety