

TotalSol® Soluble Granules



SMALL GRAINS

Take Advantage of Our Clear Advantage.

Not all chemistries are created equal. The FMC portfolio of sulfonylurea (SU) herbicides features exclusive, patented TotalSol® soluble granules that keep crop protection and sprayer clean-out simple.

TotalSol soluble granules dissolve completely. This means more product goes in the fields where it belongs with less residue left in sprayer tanks. Simpler sprayer clean-out is key to keeping equipment efficient and effective, and helps improve the safety of rotating pulse crops while saving time and valuable natural resources.

Simply mix 1% of a TotalSol soluble granule herbicide, vs. the same 1% of a competitive SU product, in water. The water containing our competitor's product will turn cloudy because conventional formulations only go into suspension. The water containing FMC herbicides featuring dissolved TotalSol soluble granules will be transparent today and tomorrow because our patented formulation goes totally into solution and stays that way.

QUICK FACTS:

- Faster and more complete control.
- Dissolves into an actual solution (SG) instead of dispersing into a suspension (WP, DG, WDG).
- 10-15% advantage in bioavailability of the active on target weed species.
- Smaller risk of sprayer clean-out issues, including sprayer yield drag.



TotalSol® soluble granules versus DF or WDG formulations

- DF and WDG SU formulations require more rigorous tank clean-out procedures to lessen tank contamination and the associated risk to sensitive crops of sprayer yield drag.
- DF and WDG labels recommend that a sprayer be dedicated to this product to further reduce the chance of crop injury.
- With FMC TotalSol® soluble granule products, a dedicated sprayer is not necessary and tank clean-out is easy.

Comparing application information for 1,000-gallon spray tank:

• DF and WDG SU product clean-out:

- Fill with 1,000 gallons of clean water, plus 10 gallons of ammonia.
- Agitate for 15 minutes, then flush.
- Repeat procedure.

Total = 20 gallons of ammonia + 2,000 gallons of water.

• TotalSol soluble granules clean-out:

- Circulate 100 gallons of water for two minutes
- Flush
- Repeat circulation and flush once

Total = 200 gallons of water

FMC brand SU herbicides with TotalSol soluble granule technology

- Affinity® BroadSpec herbicide
- Affinity® TankMix herbicide
- Ally® Extra SG herbicide
- Express® herbicide
- Harmony® Extra SG herbicide
- Panoflex® herbicide
- FirstShot® SG burndown herbicide

Sprayer Clean-Out: Formulation choice affects sprayer cleanout for sensitive rotation crops including (from most to least sensitive):

1. Sugar beets
2. Lentils
3. Canola
4. Field peas
5. Flax
6. Sunflowers
7. Corn
8. Soybeans
9. Dry beans
10. Safflower

Formulations: TotalSol soluble granules vs. DF (Generics)

TotalSol soluble granules stays in solution.



DF formulation remains in suspension.

To learn more about TotalSol soluble granules, contact your FMC retailer or representative and visit AG.FMC.COM.

