

Problems & Solution Guide

| LARGE ACREAGE CROPS | | | |
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| The Problem: | The Solution: | Product effect | Usage & application rate |
| Water Management | AgraGel | Crystals reduces water usage 20%-50% | Row method - 7 lbs/acre Broadcast method - 20 lbs/acre |
| Yield increases | AgraGel | Crystals increase yields 17% to 55% | Row method - 7 lbs/acre |
| Soil compaction | AgraGel | Crystals significantly reduces soil compaction | Row method - 7 lbs/acre |
| Evaporation and run-off | AgraGel | Crystals increases aeration & drainage | Row method - 7 lbs/acre Broadcast method - 20 lbs/acre |
| Additive Costs | AgroFlo | Increases efficacy of all applied products reducing overall costs of additives | Used with fertigation system. 20 ppm/day or 200 ppm/week |
| Nutrient deficiencies | AgroFlo | Decreases nitrogen loss and holds nutrients in the soil reducing leaching | 2 gallons/acre applied by spray or in a fertigation system |
| Transplant & transport mortality | Root Myke, TeraGel RD | Eliminates stress from transplanting. Eliminates transport mortality | Root Myke -Use as a root dip TeraGel RD - Mix nutrients into gel |
| SMALLER ACREAGE CROPS | | | |
| The Problem: | The Solution: | Product effect | Usage & application rate |
| Water Retention | AgraGel | Crystals hold moisture for later plant use. | Row method - 7 lbs/acre |
| | AgroFlo | Increases time between irrigations | Broadcast method - 20 lbs/acre |
| Yield increases | AgraGel | Increases root mass resulting in larger plants and increased yields. Early germination and emergence | Row method - 7 lbs/acre |
| | AgroFlo | | Broadcast method - 20 lbs/acre |
| Soil compaction | AgraGel | Increased aeration & drainage | Row method - 7 lbs/acre |
| | | | Broadcast method - 20 lbs/acre |
| Evaporation and run-off | AgraGel | Increases aeration & drainage | Row method - 7 lbs/acre Broadcast method - 20 lbs/acre |
| Additive Costs | AgroFlo | Increases the efficacy of applied products | Used with fertigation system. 20 ppm/day or 200 ppm/week |
| Salts in soils | AgroFlo | Depletes sodium salts from the soil. | Initial drench 12 oz/1000 sq ft/ 4 gal/acre Then ½ rate in 2 wks and then once a month during growing |
| Nutrient deficiencies | AgroFlo | increases nitrogen holding capacity along with all other applied nutrients | 2 gallons/acre applied by spray or in a fertigation system |
| Transplant/Transport mortality | Root Myke, TeraGel RD | Eliminates stress from transplanting and transport | Root Myke -Use as a root dip TeraGel RD - Mix in nutrients and use as a root dip |