

OUTDOOR SOIL FEEDING SCHEDULE

FOR FIELD CROP APPLICATIONS

All amounts per 100 gallons. Feed 1-2 times per week or as needed. The following instructions are meant only as a guideline.			Pre-Planting	Early Grow	Spring Grow	Summer Grow*	Early Flowering	Heavy Flowering**	Ripening	Flushing	
			Week 0	Weeks 1-3	Weeks 4-5	Weeks 6-7*	Weeks 8-10	Weeks 11-13**	Weeks 14-16	Finish	
Simple Program	Expert Program	All Purpose	20 - 20 - 20	450-900g	-	-	340g	-	-	-	-
		Grow	30 - 10 - 10	-	240g	340g	-	-	-	-	-
		Bloom	6 - 30 - 30	-	-	-	-	340g	340g	-	-
		Weight	0 - 50 - 30	-	-	-	-	100g	150g	125g	-
		Chelate	Amino Acids	-	60g (4Tbs)	120g (8Tbs)	120g (8Tbs)	120g (8Tbs)	60g (4Tbs)	30g (2Tbs)	-
		Structure	Calcium Nitrate	-	90g	130g	130g	90g	45g	-	-
		Energy	Magnesium Sulfate	-	40g	60g	60g	40g	20g	-	-
		Roots	Microbes Azo Blend	30g (4Tbs)	30g (4Tbs)	30g (4Tbs)	-	-	-	-	-
		Growth	Microbes Start	-	30g (4Tbs)	30g (4Tbs)	30g (4Tbs)	-	-	-	-
		Strength	K-Silicate ¹	-	55g (8Tbs)	55g (8Tbs)	55g (8Tbs)	55g (8Tbs)	55g (8Tbs)	55g (8Tbs)	-
Chelate	Fulltek ²	-	20g (3Tbs)	30g (4Tbs)	30g (4Tbs)	30g (4Tbs)	20g (3Tbs)	30g (4Tbs)	-		
Stimulate	Humic Acid ³	-	30g (3Tbs)	40g (4Tbs)	40g (4Tbs)	40g (4Tbs)	30g (3Tbs)	20g (2Tbs)	-		
Bloom	Microbes Maintain	-	-	-	-	30g (4Tbs)	30g (4Tbs)	30g (4Tbs)	-		
Enhance	Cane Molasses	-	20g (2Tbs)	20g (2Tbs)	40g (4Tbs)	40g (4Tbs)	80g (8Tbs)	80g (8Tbs)	160g (16Tbs)		
Flow	Yucca ⁴	-	6g (1Tbs)	12g (2Tbs)	12g (2Tbs)	12g (2Tbs)	12g (2Tbs)	12g (2Tbs)	30g (4Tbs)		
Aroma	Kelp ⁵	-	20g (2Tbs)	30g (3Tbs)	30g (3Tbs)	30g (3Tbs)	20g (2Tbs)	20g (2Tbs)	-		
Ripening	Potassium	-	-	-	-	-	90g (4Tbs)	75g (3Tbs)	45g (2Tbs)		
As Needed	Growth	Nitrogen ⁶	-	70g (4Tbs)	70g (4Tbs)	70g (4Tbs)	-	-	-	-	
	Bloom	Phosphorus ⁷	-	65g (4Tbs)	-	65g (4Tbs)	65g (4Tbs)	65g (4Tbs)	50g (3Tbs)	-	

* For additional weeks of growth, stretch 'Summer Grow' schedule.

** For additional weeks of bloom, stretch 'Heavy Flowering' schedule.

Product Specific Recommendations:

1. K-Silicate: KALIX K-Silicate is a fully soluble synthetic silica source. KALIX Silica is an organic, pH neutral alternative - but is not fully soluble.
2. Fulltek: If using Fulltek without Humic Acid, increase dosage until it is double that of Kelp.
3. Humic Acid: If using Humic Acid without Fulltek, increase dosage until it is double that of Kelp.
4. Yucca: Yucca is also an excellent wetting agent for foliar sprays. Use at low dose (1/16th tsp) per 5 gallons.
5. Kelp: Kelp works 50% better when combined with Humic Acid/Fulltek.
6. Nitrogen: Nitrogen supplements may be used at the roots or as a foliar feed at low dose to treat Nitrogen deficiencies if they appear. (adjust pH)
7. Phosphorus: Phosphorus supplements may be used at the roots or as a foliar feed at low dose to treat Phosphorus deficiencies if they appear. (adjust pH)

Optimal dose rates will depend on plant variety, growing method, medium, and environment.

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