



	Splash Blends*				Agitated Blends**			
	PURIC™	TILL-IT® 6% HUMIC	PURIC/Water 1:2***	PURIC PRIME 12%	PURIC	TILL-IT 6% HUMIC	PURIC/Water 1:2***	PURIC Prime 12%
	12% Humic Acid	6% Humic Acid	4% Humic Acid	12% Humic Acid	12% Humic Acid	6% Humic Acid	4% Humic Acid	12% Humic Acid
UAN Solutions	7	2	2	1	2, 3, 8	2, 3, 8	2, 8	1
Ammonium Thiosulfate	7	2	2	1	2, 3, 8	2, 3, 8	2, 8	1
AN-20	7	2	2	1	2, 3, 8	2, 3, 8	2, 8	1
CAN-17	6	6	6	4	2, 3, 8	2, 3, 8	2, 8	4
CN-9	6	6	6	4	2, 3, 8	2, 3, 8	2, 8	4
28-0-0-5S	7	2	2	1	2, 3, 8	2, 3, 8	2, 8	1
Urea Solutions	1	1	1	1	1	1	1	1
NDemand® 30L	1	1	1	1	1	1	1	1
NDemand ENTOURAGE®	1	1	1	1	1	1	1	1
NDemand ENTOURAGE K	2	1	1	1	1, 8	1, 8	1, 8	1
Ammonium Sulfate Solution	7	2	2	1	2, 3, 8	2, 3, 8	2, 8	1
Aqua Ammonia	1	1	1	1	1	1	1	1
10-34-0 and 11-37-0	7	2, 3	2	4	2, 3, 8	2, 8	2, 8	4
3-18-18	7	2, 3	2	4	2, 3, 8	2, 8	2, 8	4
6-24-6	7	2, 3	2	4	2, 3, 8	2, 8	2, 8	4
TILL-IT® BLUE-ZONE® ULTRA	7	2, 3	2	4	2, 3, 8	2, 8	2, 8	4
Phosphoric Acid	9	9	9	9	9	9	9	9
Intelliphos® Products	7	2, 3	2	4	2, 3, 8	2, 8	2, 8	4
Potassium Carbonate	7	1	1	1	2, 3, 8	1, 8	1, 8	1
Potassium Sulfate Solutions (ESP)	7	2	2	1	2, 3, 8	2, 8	2, 8	1
MOP Solutions (0-0-13 or similar)	7	2	2	1	2, 3, 8	2, 8	2, 8	1
Potassium Nitrate Solutions	2, 3	2	2	1	2, 3, 8	2, 8	2, 8	1
Potassium Thiosulfate (KTS)	7	1	1	1	2, 3, 8	1, 8	1, 8	1
TILL-IT EDTA and Versatile® Chelates	5	1, 5	1, 5	1	1, 5	1, 5	1, 5	1
FOLI-GRO® Micronutrients	5	2	2	1	2, 8	2, 8	2, 8	1
NPK Blends (4-10-10 and similar)	7	2, 3	2	4	2, 8	2, 8	2, 8	4
Urea Sulfuric Acid solutions	9	9	9	9	9	9	9	9

Humic Acid Blending Guidelines and Best Practices

- Where possible, always blend with agitation of a liquid blender or induction system.
- When mixing with liquid fertilizer solutions, gradually add fertilizer to PURIC with agitation.
- If adding directly to a concentrated fertilizer solution, PURIC may not readily disperse without adding water.
- Maintain a pH greater than 6.
- Calcium solutions have very limited compatibility with PURIC.

Compatible
Limited Compatibility
Very Limited Compatibility
Incompatible

1. Will mix and remain stable in storage.
2. Will mix, but may settle out in storage. Recirculate if sediment forms.
3. Will mix, but some staining of mixing vessel or truck may occur.
4. Dilute 2 parts PURIC PRIME with 1 part water prior to mixing.
5. May thicken depending on ratio of fertilizer to humic acid.
6. Calcium and humic acid are not compatible. Try PURIC PRIME and circulate if humic acid settles out.
7. PURIC PRIME will mix with this without requiring water.
8. Add water and humic acid to blender first for best results.
9. Strong acids are not compatible with humic acid; pH must be 6 or above.

* Splash blends are those where the components are pumped into a tank, and the movement of delivery is relied on for mixing.
 ** Agitated blends are those where the components are mixed in a liquid blender or the components are combined through an induction system.
 *** Blend of one part PURIC to two parts water.



	Splash Blends*			Agitated Blends**				
	PURIC™ MAX	TILL-IT 12% HUMIC	PURIC MAX/Water 1:2***	PURIC PRIME MAX 24%	PURIC MAX	TILL-IT 12% HUMIC	PURIC MAX/Water 1:2***	PURIC PRIME MAX 24%
	24% Humic Acid	12% Humic Acid	8% Humic Acid	24% Humic Acid	24% Humic Acid	12% Humic Acid	8% Humic Acid	24% Humic Acid
UAN Solutions	7	2	2	1	2, 3, 8	2, 3, 8	2, 8	1
Ammonium Thiosulfate	7	2	2	1	2, 3, 8	2, 3, 8	2, 8	1
AN-20	7	2	2	1	2, 3, 8	2, 3, 8	2, 8	1
CAN-17	6	6	6	4	2, 3, 8	2, 3, 8	2, 8	4
CN-9	6	6	6	4	2, 3, 8	2, 3, 8	2, 8	4
28-0-0-5S	7	2	2	1	2, 3, 8	2, 3, 8	2, 8	1
Urea Solutions	1	1	1	1	1	1	1	1
NDemand® 30L	1	1	1	1	1	1	1	1
NDemand ENTOURAGE®	1	1	1	1	1	1	1	1
NDemand ENTOURAGE K	2	1	1	1	1, 8	1, 8	1, 8	1
Ammonium Sulfate Solution	7	2	2	1	2, 3, 8	2, 3, 8	2, 8	1
Aqua Ammonia	1	1	1	1	1	1	1	1
10-34-0 and 11-37-0	7	2, 3	2	4	2, 3, 8	2, 8	2, 8	4
3-18-18	7	2, 3	2	4	2, 3, 8	2, 8	2, 8	4
6-24-6	7	2, 3	2	4	2, 3, 8	2, 8	2, 8	4
TILL-IT® BLUE-ZONE® ULTRA	7	2, 3	2	4	2, 3, 8	2, 8	2, 8	4
Phosphoric Acid	9	9	9	9	9	9	9	9
Intelliphos® Products	7	2, 3	2	4	2, 3, 8	2, 8	2, 8	4
Potassium Carbonate	7	1	1	1	2, 3, 8	1, 8	1, 8	1
Potassium Sulfate Solutions (ESP)	7	2	2	1	2, 3, 8	2, 8	2, 8	1
MOP Solutions (0-0-13 or similar)	7	2	2	1	2, 3, 8	2, 8	2, 8	1
Potassium Nitrate Solutions	2, 3	2	2	1	2, 3, 8	2, 8	2, 8	1
Potassium Thiosulfate (KTS)	7	1	1	1	2, 3, 8	1, 8	1, 8	1
TILL-IT EDTA and Versatile® Chelates	5	1, 5	1,5	1	1, 5	1, 5	1, 5	1
FOLI-GRO® Micronutrients	5	2	2	1	2, 8	2, 8	2, 8	1
NPK Blends (4-10-10 and similar)	7	2, 3	2	4	2, 8	2, 8	2, 8	4
Urea Sulfuric Acid solutions	9	9	9	9	9	9	9	9

Humic Acid Blending Guidelines and Best Practices

- Where possible, always blend with agitation of a liquid blender or induction system.
- When mixing with liquid fertilizer solutions, gradually add fertilizer to PURIC MAX with agitation.
- If adding directly to a concentrated fertilizer solution, PURIC MAX may not readily disperse without adding water.
- Maintain a pH greater than 6.
- Calcium solutions have very limited compatibility with PURIC MAX.

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Incompatible

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