

Pro Balance Advantages

Athena® Pro Balance is a powdered water-soluble pH up for the professional cultivator designed specifically for use with advanced injection systems like Netaflex to prevent clogging of venturis from specific products such as potassium silicates or potassium hydroxide. Athena® Pro Balance allows the grower to customize the strength of their pH adjustment to their unique situation. Pro Balance concentrate may be mixed at a rate of 0.25 – 1 lb per gallon. Adjust the mix rate and injection rate depending on the amount of pH adjustment required.

Netaflex Procedure

WARNING: MAKE SURE TO WEAR PROPER PPE WHEN HANDLING THESE PRODUCTS.

- 1 **Mix** Use the Nutrisolve to mix the desired amount of pH solution at ¼ lb per gallon.
- 2 **Configure** Configure the rotameter for Pro Balance to the middle range allowing for more adjustment flexibility.
- 3 **Set** Set your Netaflex to the target pH parameters.
- 4 **Test** A higher concentration of Pro Balance may exceed the dosage limits of the Netaflex. Dilute the solution as needed.

Pro Balance

Raises Fertilizer Solution pH



Hand Mixing

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- 1 **Fill** Put 4 gallons of water in a 5 gallon bucket.
- 2 **Pour** Pour a 2 lb package of Pro Balance into 4 gallons of water (½ lb per gallon).
- 3 **Mix** Mix until granules are completely solubilized.
- 4 **Test** Add Pro Balance at 5 ml per gallon increments in a batch tank prepared with your final fertilizer mix.
- 5 **Mix** Mix thoroughly and check the pH after each adjustment.
- 6 **Record** Record the amount of Pro Balance concentrate used to reach your desired pH level for that batch tank. For future batch tanks, add this amount prior to mixing fertilizers.
- 7 **Adjust** If more than 20 mL per gallon is required to achieve the target pH then mix 1 lb per gallon the next round.

Dosatron Procedure

WARNING: MAKE SURE TO WEAR PROPER PPE WHEN HANDLING THESE PRODUCTS.

It's easy to tailor Pro Balance using Dosatron systems. This lets growers with varying pH start water to customize the level of pH up used for their situation.

- 1 **Fill** Fill approximately 10 gallons of water in a 25 gallon drum.
- 2 **Pour** Pour (1) 5 lb pouch of Pro Balance in the water.
- 3 **Mix** Mix until all granules are completely solubilized.
- 4 **Add** Add water until there is 20 gallons of total solution while mixing to ensure that it is a homogenized mixture. (0.25 lb per gallon)
- 5 **Set** Set the dosatron unit dilution rate for Pro Balance to the middle of the range. (This is more accurate)
- 6 **On** Turn on fertilizer parts and Pro Balance doser and run to waste.
- 7 **Examine** Examine your pH and EC meter and adjust dosers to your desired EC value
- 8 **Adjust** Fine tune Pro Balance dilution rate as needed.