



GROWING GUIDE

Black Magic® is designed for growers of all levels. We recommend the products below for growers looking for the easiest way to grow hydroponically.


For Drain-to-Waste Hydroponics

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CHOOSE YOUR GROWING MEDIUM

Developed by expert growers with some of the finest ingredients, Black Magic Potting Soil provides a complete foundation for your plants. Ideal for indoor and outdoor growing.
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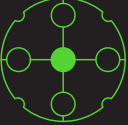
ADD NUTRIENTS

Use Black Magic liquid or dry nutrients in drain-to-waste hydroponics. Add to your soil following the instructions on the back of the bag or nutrient bottle.
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ADD SUPPLEMENTS

Our supplements are packed with beneficial nutrients to boost plant performance throughout the growth cycle. For best results, follow the instructions on the back of the bottle.


For Recirculating Hydroponic Systems

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CHOOSE A RECIRCULATING HYDROPONIC SYSTEM

The Black Magic Grow Pail is an easy-to-use, recirculating system that is great for growing up to four small plants or one large plant. Start your seeds or cuttings with the Black Magic Seed Starter Tray, then fill the Grow Pail reservoir with water until it reaches the bottom of the net cups (6 gallons).
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ADD BASE NUTRIENTS (PART A & B)

Black Magic Base Nutrients, Part A and Part B, are designed so that when their powers combine they create an impressive blend of essential nutrients that help ensure plants thrive at every stage. Check out the feed chart below for dosing amounts.
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ADD SUPPLEMENTS

After mixing in your Base Nutrients, it's time to add supplements. Use our Black Magic Supplements (All-Purpose, Bloom Boost, and/or Cal-Mag) to give your plants an extra boost of the essential nutrients they need. Follow the instructions on the back of the bottle.
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BALANCE pH

Most plants like a pH between 5.5 and 6.5. If your solution is outside of this range, you can use Black Magic pH UP or pH DOWN in small increments to adjust as needed, following the instructions on the back of the bottle.
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ADD LIGHT

If you're growing indoors you'll need to provide additional light for your plant to thrive. The Black Magic 45W LED Grow Light is specially designed with a recipe of red, blue, and white light for growing plants through all stages of growth.

FEEDING SCHEDULES

You can also customize Black Magic® formulas according to your hydroponic set-up. Take a look at the feeding schedules below.

DRAIN-TO-WASTE

This set-up typically uses containers filled with a substrate, such as potting soil, coco coir, or peat. Water and nutrients are applied to the top of the containers and are allowed to drain through the bottom.

For use with Black Magic® Potting Soil, Black Magic® Coco Coir Mix, or Black Magic® Pro Peat Blend

BLACK MAGIC	WEEK #	BASE NUTRIENT PART A (ML/GAL)	BASE NUTRIENT PART B (ML/GAL)	ALL-PURPOSE SUPPLEMENT (ML/GAL)	CAL-MAG (ML/GAL)	BLOOM BOOST (ML/GAL)	*ALL-PURPOSE DRY FERT (TSP/GAL SOIL)
GROW	1	1	1	1	N/A	N/A	1/2
GROW	2	2.5	2.5	1	2.5	N/A	N/A
GROW	3	2.5	2.5	1	5	N/A	1/2
BLOOM	4	5	5	1	5	N/A	N/A
BLOOM	5	5	5	1	5	1	1/2
BLOOM	6	5	5	1	5	2.5	N/A
BLOOM	7	5	5	1	5	2.5	1/2
BLOOM	8	5	5	1	5	5	N/A
BLOOM	9	2.5	2.5	1	5	5	1/2
BLOOM	10	2.5	2.5	1	5	2.5	N/A
BLOOM	11	2.5	2.5	1	N/A	2.5	1/2
BLOOM	12	FLUSH	FLUSH	FLUSH	FLUSH	FLUSH	FLUSH

*MIXED INTO TOP LAYER OF SOIL IN CONTAINER - DO NOT PUT INTO NUTRIENT SOLUTION STOCK TANK.

RECIRCULATING SYSTEM

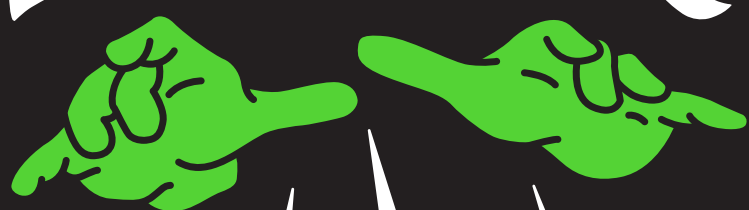
This set up is designed so that water and nutrients are captured into a reservoir and continuously recycled to the plants.

For use with Black Magic® Grow Pail

BLACK MAGIC	WEEK #	BASE NUTRIENT PART A (ML/GAL)	BASE NUTRIENT PART B (ML/GAL)	ALL-PURPOSE SUPPLEMENT (ML/GAL)	CAL-MAG (ML/GAL)	BLOOM BOOST (ML/GAL)
GROW	1	2.5	2.5	1	N/A	N/A
GROW	2	5	5	1	5	N/A
GROW	3	5	5	1	7.5	N/A
BLOOM	4	7.5	7.5	1	7.5	N/A
BLOOM	5	7.5	7.5	1	7.5	2.5
BLOOM	6	7.5	7.5	1	7.5	5
BLOOM	7	7.5	7.5	1	7.5	5
BLOOM	8	7.5	7.5	1	7.5	7.5
BLOOM	9	5	5	1	7.5	7.5
BLOOM	10	5	5	1	7.5	5
BLOOM	11	5	5	1	N/A	5
BLOOM	12	FLUSH	FLUSH	FLUSH	FLUSH	FLUSH

**GUIDE TO
GROWING**

BLACK



MAGIC[®]

PERFORMANCE HYDROPONICS

**AN INTRODUCTION TO A MORE
POWERFUL WAY TO GROW.**