

star[®]
ROSES and PLANTS

DOUBLE DOWN[®] HYDRANGEA

Hydrangea macrophylla 'Hydrsrpdow'

SELLING FEATURES

- Re-blooming variety; plants have re-bloomed on new wood after trimming.
- Compact, mounded habit.
- Mophead variety that produces an abundance of double flowers.
- Naturally produces light pink flowers. When treated to lower pH, flower color will be light blue.



Fig 1: Finished container.



Fig 2: Flowers of Double Down[®].

GENERAL INFORMATION

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| LIGHT: | Morning sun, afternoon shade |
| MATURE SIZE: | 3–4' h x 3–4' w |
| NATURAL BLOOM SEASON: | Spring–summer |
| USDA HARDINESS: | Zone 6 |
| USES: | Mass plantings, specimen, containers, foundation, mixed borders. |

PROPAGATION INFORMATION

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| TIME OF YEAR: | June–July |
| TYPE OF WOOD: | Semi-hardwood; Minimum 2–3 nodes |
| ROOTING HORMONE: | 1000ppm IBA-talc or solution |
| TIME TO FULLY ROOTED: | 4–6 weeks |
| TRIMS: | One trim minimum recommended in liner stage. |

FINISHING INFORMATION

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| MEDIA: | Standard Ornamental Nursery Mix |
| MEDIA PH: | <ul style="list-style-type: none">• <i>For pink flowers:</i> 6.0–6.5• <i>For blue flowers:</i> 4.5–4.8<ul style="list-style-type: none">◦ <i>To achieve blue flowers:</i> Apply Aluminum sulfate at suggested rate to maintain pH of 4.5–4.8. Conduct soil tests as needed to monitor pH and adjust with additional applications if pH is not in the above targeted range. Do not allow pH to drop below this range as this can cause root burn. |
| MEDIA EC: | 1.0–1.5 |
| MOISTURE: | Maintain consistent moisture. Do not allow plants to wilt or dry down. |
| FERTILIZER: | <ul style="list-style-type: none">• <i>For pink flowers:</i> Use a high phosphorous fertilizer such as 15-30-15• <i>For blue flowers:</i> Use a low phosphorous fertilizer such as 14-0-14• Stop fertilizing in the fall to promote dormancy |
| COMMON PESTS & DISEASE: | Powdery mildew and Cercospora leaf spot can occur when plants are stressed. Watch for aphids on soft new growth. |

FINISHING INFORMATION *(continued)*

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| TRIMMING: | Recommend one trim during the first year of production to bulk. |
| PGRS: | <ul style="list-style-type: none">• <i>Outdoor production:</i> None needed• <i>Indoor production:</i> Recommend a spray of B-Nine (800ppm) and Cycocel (600ppm) to control height as needed. Do not apply PGRs once flowers begin to open as this can cause burn. |
| ADDITIONAL NOTES: | <ul style="list-style-type: none">• Once flower bud set occurs, keep out of direct sun to prevent flower burning. Do not overhead water once flower color begins to show as this will cause burn and promote diseases such as botrytis. |
| FINISHING TIMES: | <ul style="list-style-type: none">• <i>1 gallon:</i> Shift 21c in September. Overwinter containers. Plants will be saleable the following April–May.• <i>3 gallon:</i> Shift 21c in May and grow on. Overwinter containers. Plants will be saleable the following April–May. |



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PROPAGATION STRICTLY PROHIBITED.

LIMITATION OF WARRANTY: The information provided was obtained from trials conducted in Southeastern Pennsylvania and is provided only as a reference. Star® Roses and Plants does not warrant the exact results to be achieved as this can vary depending upon your location and cultural practices.
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