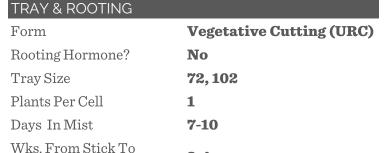
PROPAGATION

BIDENS BIDY

Bidens ferulifolia



Transplant

Propagation Pinch?

Yes

Propagation Pinch? Yes
Weeks To Pinch 3

FERTILITY

Fertilize Through Mist? None

Fertilizer Rate 50-100ppm N

EC Range Moderate: (2.0-3.5 mS via

SME)

pH Range **5.6-6.2**

TEMPERATURE

Average Soil Temp
Average Air Temp (Day)

Average Air Temp (Night)

68-72°F (20-22°C)

70-75°F (21-24°C)

68-72°F (20-22°C)

IRRIGATION

LIGHT

Daylength Neutral? Yes
Supplemental None
Benefits From Shade? No

POTENTIAL DISEASES

Botrytis, Pythium, Rhizoctonia

POTENTIAL PESTS

Aphids, Thrips, Fungus Gnats

PGR SUGGESTIONS

- 300-500ppm Florel (3.9% Ethephon)
- 750-2000ppm B-Nine (85% Daminozide) during midpropagation or shortly after transplant for all cultivars except Bidy Gonzales Top



CULTIVAR LIST

Bidy Gonzales, Bidy Gonzales Big, Bidy Gonzales Top, Bidy Gonzales Trailing, Bidy Boom Bonfire, Bidy Boom Wildfire, Bidy Bop Blaze, Bidy Boom



TIPS

- Avoid excessive mist to prevent stretch.
- After sticking, water the cuttings uniformly to help "seat" them in the soil media. Good soil to stem contact is important for rooting.
- Florel (3.9% Ethephon) is the only PGR required for 'Bidy Gonzales Top' because it is the most compact cultivar in the series. Other PGR applications are not necessary and can cause stunting.

WE'RE HERE TO HELP YOU GROW

Tech.NA@DummenOrange.com 614-850-9551 DummenOrange.com

FINISHING

BIDENS BIDY

 $Bidens\,feruli folia$

CONTAINER SIZE	PLANTS PER POT	TRANSPLANT TO FINISH (WEEKS)
4 in. (10 cm)	1	4-6
Quart (12 cm)	1	6-8
6 in. (15 cm)	2-3	7-10
FERTILITY		
Fertilizer Rate	150-200 ppm N	
EC Range	Moderate: (2.0-3.5 mS via SME)	
pH Range	5.6-6.2	
TEMPERATURE		
Day Temperature	65-73°F (18-23°C)	
Night Temperature	68-75°F (20-24°C)	
IRRIGATION		
Irrigation Frequency	Level 2: Allow media to dry moderately between thorough waterings	
LIGHT		
Daylength Neutral?	Yes	
Optimum Light Level	5,000-9,000 fc (53,800- 96,900 lux)	
Supplemental	None	
Benefits From Shade?	No	
PINCHING		
Finishing Pinch?	Yes	

POTENTIAL DISEASES

Botrytis, Pythium, Rhizoctonia

POTENTIAL PESTS

Aphids, Thrips, Fungus Gnats,

PGR SUGGESTIONS

• 1000-2000ppm B-Nine (85% Daminozide)

Transplant to Pinch (days) As needed to shape

- 300-500ppm Florel (3.9% Ethephon)
- A Bonzi (0.4% Paclobutrazol) drench at 2-3ppm once plant reaches finish size greatly improves holdability in shipping and retail





'Boom Wildfire'

TIPS

- The best way to control growth of Bidens is to grow in high light with cool temperatures and moderate moisture. Excess moisture or low light can lead to excess vegetative growth.
- When applying PGRs to Bidens, it is best to use lower concentrations but more frequent applications. PGRs can delay flowering by 1-2 weeks; avoid spraying PGRs once flower buds appear.
- Yellowing older foliage is often a sign of overwatering.
- Pinch plants 10 days after transplant to improve basal branching. If finishing in large baskets or combinations, a second pinch is recommended.

WE'RE HERE TO HELP YOU GROW

Tech.NA@DummenOrange.com 614-850-9551

DummenOrange.com

FEATURES AND BENEFITS

BIDENS BIDY

Bidens ferulifolia

DÜMMEN ORANGE

KEY INFORMATION

Primary Common Name Bidens

Consumer Watering
Instructions

Water thoroughly when top
1 inch (3cm) of soil is dry.

Bloom Time Blooms Spring to Autumn

Exposure Full Sun

Height **8-10 inches (20-30 cm)**

Garden Spacing 9 inches (23 cm)

DESCRIPTION

The Bidy Gonzales series is the first and fastest to flower. Large daisy-like flowers and controllable habit make this plant an easy choice for most growers.



'Gonzales Big'

CONSUMER APPEAL

- Excellent companion plant attracting butterflies and complementing other garden annuals and perennials.
- Heat and urban tolerant, Bidens are an excellent choice for blazing full sun displays.

GARDEN ATTRIBUTES

- Attractive daisy-like flowers best used in mass plantings. Bidens bring a fine delicate texture to the landscape.
- Good container and landscape performance. Tolerant of most soil conditions though preference for well-drained soils.



'Bop Blaze'

NATIVITY

North America mainly centered in the southwestern United States and Mexico.

WE'RE HERE TO HELP YOU GROW

Tech.NA@DummenOrange.com 614-850-9551

DummenOrange.com