

# *Bidens cernua*

# Nodding Beggarsticks

Nodding Bur Marigold

## **Preferred Water Depth and Inundation Tolerance**

Prefers saturated soil. Species tolerates seasonally flooded conditions for short durations.

## **Wildlife Value**

Provides wildlife cover. Waterfowl, shorebirds, songbirds, and small mammals consume achenes.

## **Application/Zone**

Used in upper shoreline zones and in vegetated swales. A good pioneer species.

## **Availability, Establishment, and Maintenance**

- Plants and achenes are available from commercial vendors.
- Achenes should be broadcast on wet mudflats or shorelines and raked into the soil.
- Achenes require cold (34-36° F) moist stratification for several months before being exposed to warm temperatures for optimum germination.
- Achenes may be fall planted after drawdown on mudflats or shorelines to allow winter exposure. Drawdown in early summer will cause explosive growth from fall planted achenes.
- Early summer shallow flooding followed by drawdown promotes best seed production from established plants.

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## Mature Height

4 inches - 3.3 feet

## Plant Type

Annual emergent herb

## Indicator Status

Obligate

## pH

Not available

## Nutrient Load Tolerance

Moderate

## Salt Tolerance

Low to moderate

## Siltation Tolerance

Moderate to high

## Flowering Color and Time

Yellow

August to October

## Light Preference

Partial to full sun

## Seeding Rate

.25 - .5 lbs/acre

