



INDIAKA®, a generous midi with bicoloured flowers

How to cultivate this variety of exceptional characteristics?

Our assortment of cyclamen proposes you two series of medium-sized flowers:

- Tianis® adapted to pots of 10.5-12 cm (4-5"): compact series - fast crop
- Premium adapted to pots of 10.5-15 cm (4-6"): a more voluminous series for the whole season

INDIAKA® belongs to Premium range in terms of plant volume. It is characterised by its original contrast, generous blooming and harmonious growth, which makes it possible for you to differentiate your offer.

The bicolour characteristic of its flower varies, particularly **according to climate**. To express all its potential INDIAKA® is recommended for sales during cool season.

Discover below the favourable conditions and precautions to take so as to optimise the success of your variety.



INDIAKA® Bright purple - 53090



INDIAKA® Rose - 53070

INDIAKA® Fact sheet

Available in 4 colours: *



Indiaka® Salmon

*Each variety features about 2% of pure colours



Indiaka® Rose



Indiaka® Bright purple



Indiaka® Magenta

Download the INDIAKA® brochure: 

Download the INDIAKA® fact sheet: 

Characteristics of the plant

- Good volume
- Generous and continuous flowering
- Numerous dark green leaves

Cultivation duration (to obtain at least 5 flowers)

- From sowing: **30-32 weeks**
- From potting: **18-20 weeks** (for a plug of 12-13 weeks)

Expression of the bicolour characteristic

The colour/white proportion depends on **ADT*** and light, particularly at the blooming stage.

Low temperatures intensify the colour/white contrast.

High ADTs at the blooming stage cause poor expression of the bicolour characteristic.

Some possible variations in the colour of flowers:



Lower ADTs



Optimum ADTs:
18-20 °C
(64-68 °F)



Higher ADTs

* ADT : Average Daily Temperature



Outdoors resistance :



These 4 varieties feature excellent outdoor resistance. They have all been awarded as **OUTstanding Cyclamen®**

Learn more about **OUTstanding Cyclamen®** on:

<https://www.cyclamen.com/en/professional/garden>

INDIAKA® Salmon - 53030

Resistance to botrytis

INDIAKA® is highly resistant to botrytis because the tissues of its leaves and flowers are particularly thick.

Resistance to botrytis constitutes an important advantage for the sales programmes of colder periods, since during such periods there is an increase in the risk of condensation, which is usually accompanied by damages caused by this fungus.

TECHNICAL RECOMMENDATIONS

In order to take full advantage of the potential of INDIAKA®

Like all Morel varieties, INDIAKA® requires a rooting period after potting.

After this period, and in order to control the plant growth, a moderate stress is recommended, which is achieved by following the strategies below.

Pot selection

The **INDIAKA®** range adapts well to pots from **10.5 to 15 cm. (4-6")**

i For large pots, it is necessary to plan a longer cultivation period. For instance, for pots of 17 cm (6.5"), count three to five additional weeks on the crop.

Management of ADTs and light levels

The ideal ADT recommended for rooting and growth stages is 18-20 °C. (64-68 °F)

- With low average temperatures, **INDIAKA®** can endure high levels of light (500 W/m²; 45.000 lux; 4.500 fc) and even a moderate hydric stress as long as the substrate composition and the irrigation management are adapted.

- With average temperatures ≥ 25 °C (77°F) during the growth stage, shade management (325 W/m²; 25.000 lux; 2.500 fc) is indispensable in order to protect the roots, reduce the demand for water and, thus, control growth. A shading system of diffuse light is strongly recommended.

An ADT of 18-20 °C (64-68 °F) will be most appropriate to obtain abundant blooming, a dense round foliage and flowers of nicely contrasting colours.

Recommendations for INDIAKA® range according to the ADT for different pot sizes:

VARIETY	POT SIZE (cm / in.)	CROPTIME (weeks)		ADT (Average Daily Temperature) and growing stage							
		From sowing	From plug 20-25mm (0,78-0,98")	SUMMER		AUTUMN		WINTER		SPRING	
				Growth >25°C (77°F)	Flowering 20°-25°C (68 -77°F)	Growth 20°-25°C (68 -77°F)	Flowering 15-20°C (59 - 68°F)	Growth 15-20°C (59 - 68°F)	Flowering 12-15°C (54 - 59°F)	Growth 15-20°C (59 - 68°F)	Flowering 12-15°C (54 - 59°F)
INDIAKA®	10,5-11 (4 - 4,25")	30 ~ 32	18 ~ 20			☺		☺☺	☺☺	☺☺	☺☺
	12 (5")	30 ~ 32	18 ~ 20	☺		☺☺	☺	☺☺	☺☺		
	13/15 (5,25-6")	30 ~ 32	18 ~ 20	☺		☺☺	☺				

☺☺ Very favourable ☺ favourable

* Average Daily Temperature

i The cultivation durations in this fact sheet are those observed in Fréjus (France) with the growing techniques described in our website www.cyclamen.com. The lower the temperatures, the more the cultivation duration tends to decrease. For instance, in the Netherlands, the cultivation duration of **INDIAKA®** lasts 28-30 weeks.

📧 For more accurate data regarding your production zone, contact your Morel technical advisor.



Watering Management and hydric stress in hot zones

Select an easily controllable watering system together with an appropriate substrate, so as to allow hydric stress management.

• Watering:

In hot zones (ADT > 25 °C (77°F)), apart from adequate shade, split watering is recommended with a frequency adapted to the pot size. Low-flow drippers or thin watering mats constitute very efficient irrigation options.

• Substrate:

There are substrates that help to increase a controlled hydric stress when needed. Such substrates are usually made up of a low percentage of clay or frozen black peat, so as to prevent capillaries from drying.



Do not stress the crop during the rooting stage in order not to damage the construction of an active root system.



For further data, check our TechNews «UNEXPECTED HEAT STRESS»



English



(USA)



INDIAKA® Bright purple - 53090

Fertilisation management, a good way to control plant volume.

• Rooting stage (after potting)

Fertilisation is not advisable; only basic charge is needed. The recommended doses for basic charge are:

- Pots < 15 cm (6"): 0.75 kg/m³
- Pots ≥ 15 cm (6"): 1.00 kg/m³

• Growing stage

Like in previous TechNews, the data are expressed in **ppm (mg/L) de N-NO₃**.

Lors de la phase de croissance l'équilibre de l'engrais est conseillé. During the growth stage it is recommended to use a **1-0,5-3 NPK**.

For equal pot size, **INDIAKA®** needs a **lower dose than other Morel midi varieties, owing to its vigour.**

For instance, for a pot of 12 cm (5") and an ADT of 18-20 °C (64-68°F):

- Tianis® => 100 ppm N-NO₃
- INDIAKA® => 75 ppm N-NO₃



INDIAKA® Salmon - 53030

See the video on Indiakka® production trials in the Netherlands.

Doses of nitrogen at growing stage according to ADT and light for different pot sizes.

ADT	Maximum light level*	Pot diameter		Dose of fertiliser (ppm of N or mg/L)**	Effect on growth
		(cm)	(inch.)		
15-18°C (59-64 °F)	50 000 lux	10,5 / 11	4-4.25"	75 / 100	Slow growth
	550 W/m ²	12	5"	≥ 100	
	5 000 fc	13 / 15	5.25-6"	Not recommendable	
18-20 °C (64-68 °F)	40 000 lux	10,5 / 11	4-4.25"	50/75	Optimum growth
	450 W/m ²	12	5"	75/100	
	4 000 fc	13 / 15	5.25-6"	≥100	
20-25 °C (68-77 °F)	30 000 lux	10,5 / 11	4-4.25"	25/50	Reduced growth
	350 W/m ²	12	5"	50/75	
	3000 fc	13 / 15	5.25-6"	75/100	
> 25°C (>77 °F)	≤ 25 000 lux	10,5 / 11	4-4.25"	Not recommendable	Slow growth
	≤ 325 W/m ²	12	5"	25/50	
	≤ 2500 fc	13 / 15	5.25-6"	50/75	

* Maximum light level acceptable (according to the ADT) above which shading is needed.

** With a N:K₂O ratio of 1:3