



POLYGLASS PLASTICS

Cannabis Greenhouse Cultivation



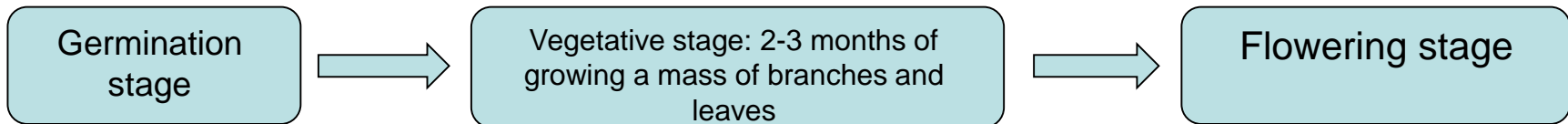
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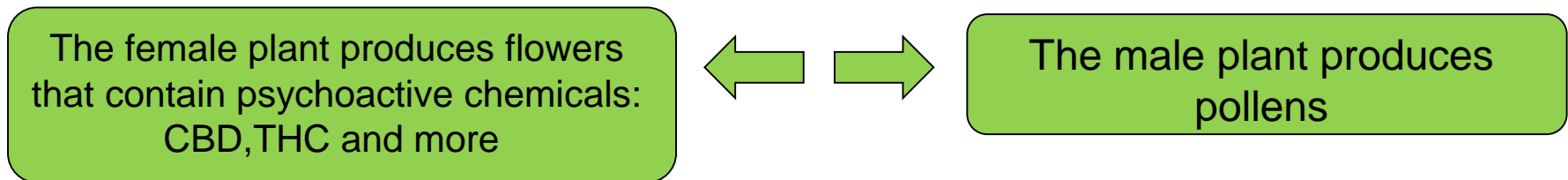
Cannabis is a single season plant with a life cycle of 3-5 months.

In the wild it starts its growth during the spring

It is a dioecious plant: Each specimen develops either male or female flowers



Two weeks from the beginning of the flowering stage- the buds appear



The unfertilized female flowers (buds) are the part of the plant that is used to extract medical and recreational products



About Cannabis Plants

- Medical: mostly pain killers
- Recreational
- Hemp textiles. No buds required, mostly outdoors. Low THC/DBC strains.





- Warm, dry climate
- Controlled light/dark cycles
- ✓ Outdoor cultivation: used sometimes for breeding purposes
- ✓ Greenhouse cultivation: better and more yield
- ✓ Indoor cultivation: improved control, higher costs



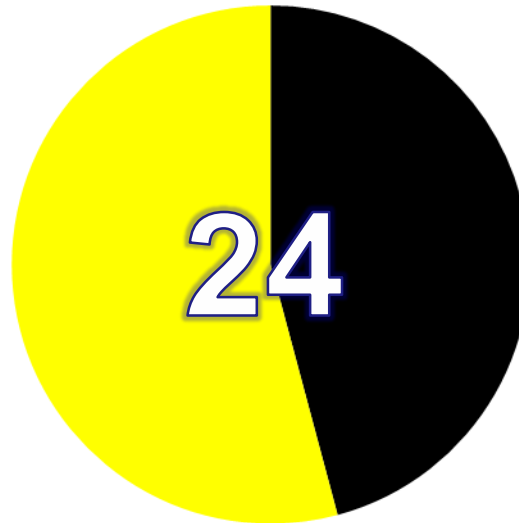


The Vegetative Stage

At least 13 hours of light in a 24 hour cycle. Imitating long days of spring/summer

The more mass the plant will gain at this stage the more yield it will bring in the future

13 hours of light at
least

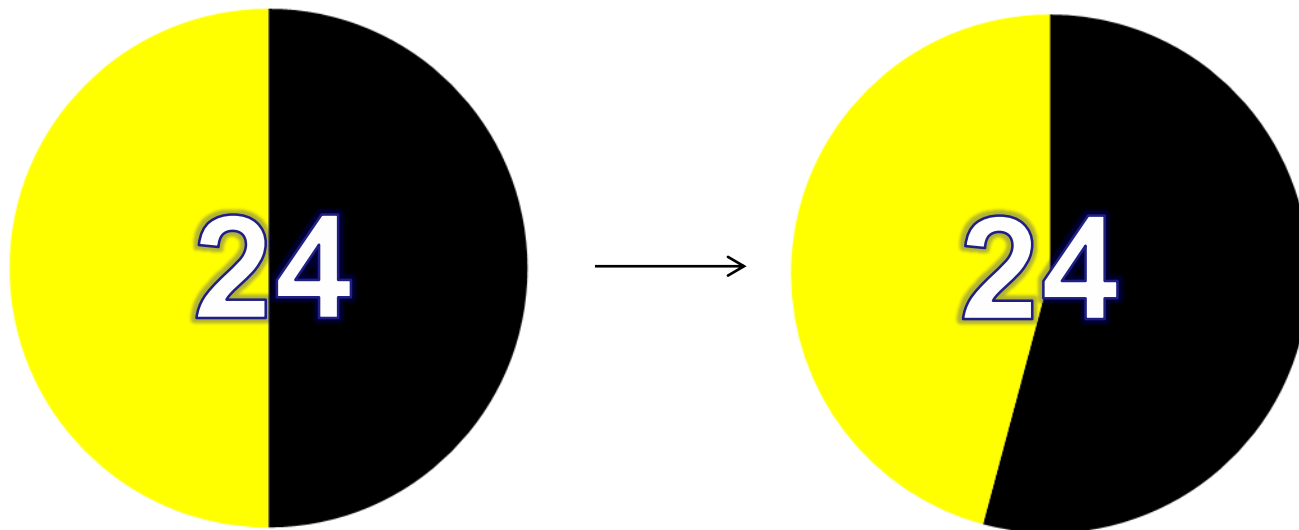


11 hours of dark at
most



Flowering stage

With the beginning of the flowering stage the grower will shorten the hours of light in the daily cycle. The plant will develop buds which will turn to either male or female flowers. Extract is produced from female buds only. Throughout the flowering stage there is a critical need to keep complete darkness during the “night” segments. Failing to do so may shut down the flowers development and send the plant back to the vegetative stage.





Cannabis Greenhouse Characteristics

Since Cannabis is a tall plant with rich foliage, the greenhouse roof is required to transmit scattered light, e.g. Suntuf+ clear embossed.

Dark/light cycles are achieved using artificial lighting, opaque walls (e.g. Sunlite Opaque) and opaque retractable screens.





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